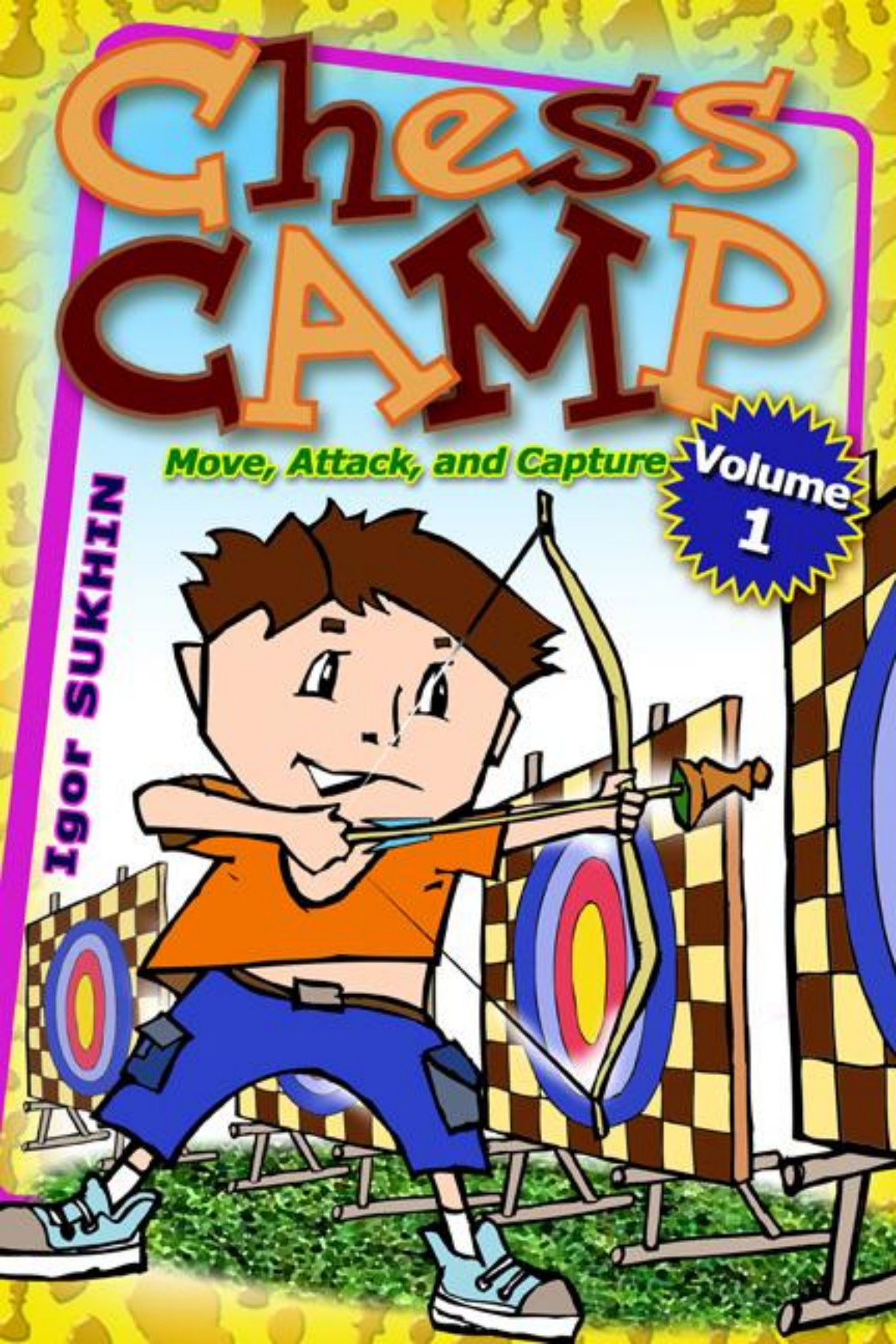
Chess CAMP

Move, Attack, and Capture

Volume 1

Igor SUKHIN



Igor Sukhin

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Volume 1: Move, Attack, and Capture

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Note for Coaches, Parents, Teachers, and Trainers

This collection of problems opens a series of a new kind of problem books. Some of the problems in it may seem absurdly simple to experienced chessplayers or coaches. But that isn't the case – the simplicity of our problems is superficial. If the required attention hasn't been paid in the past to the development of these kinds of simple problems, that highlights the fact that there are still many blank spots in the matter of how to begin teaching the game of chess. This has to do with the fact that, in every country in the world, these problem books are written by strong practical players, for whom certain subjects seem too simple to be worth any attention at all. Such authors don't take into account the fact that the earliest stage of instruction deserves closer attention.

As a result, in previously published problem collections, a large stratum of useful chess exercises has remained unrevealed. The main goal of our series of problem books is to correct this omission.

In order for the beginning chessplayer to learn to play chess well later on, the coach should first help him or her to establish a solid foundation. To this end, beginning players should first get the feel of the possibilities of each piece separately, and also familiarize themselves with the comparative strengths of the pieces. Our series of thematic exercises with a small number of pieces on the board serves this purpose.

> Problem books are written by strong practical players for whom certain subjects seem too simple, leaving many useful chess exercises unrevealed…

At the same time problems from the so-called "pre-checkmate" period play a very important role in the initial stage of instruction. Very often there aren't even kings in these diagrams, such that in order to win you simply have to eliminate or immobilize all your opponent's pawns or pieces (as in checkers – play for a wipeout).

The point of these exercises isn't to deliver mate, but to acquire various chess skills, to master the simplest methods of attacking and defending. The purpose is to teach the student to see the chess board, to find hidden threats and connections between different pieces, and to understand how to coordinate the pieces to achieve one goal or another.

By using our problem book, in the course of initial study beginning chessplayers can: 1) familiarize themselves with the possibilities and comparative strengths of each piece; 2) learn to attack one piece with another piece; 3) learn how to restrict the mobil-

ity of their opponents' pieces; 4) learn to see guarded and unguarded pieces on the board; 5) learn to deliver double attacks; 6) learn to find defensive moves; 7) learn to use pins for attack and defense; 8) learn to choose the best capture from several possibilities; 9) master the typical methods of fighting with the various pieces against pawns; 10) learn to see opportunities to announce check in any position; and 11) completely master the rules of the game.

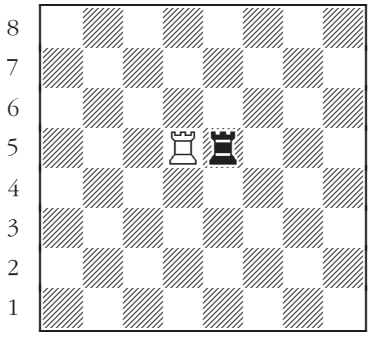
In general, in order to achieve success in chess three stages of instruction need to be covered thoroughly: 1) the "pre-checkmate" stage – here, students should develop a feel for the "pre-checkmate" harmony of the pieces in both attack and defense; 2) the stage of giving mate in one – here students should get a feel for the harmony of the pieces when checkmating; 3) the checkmate stage – here students should get a feel for the harmony of the pieces when using a mate threat. Having said that, the younger the student, the longer the first two stages should last.

This first problem book allows us to work through the first ("pre-checkmate") stage, while the second and third books focus on working through the second stage (giving mate in one). Subsequent collections will help students and coaches to work through the third (mating) stage.

The Rook

Capturing

White to move: Can White take Black's rook?



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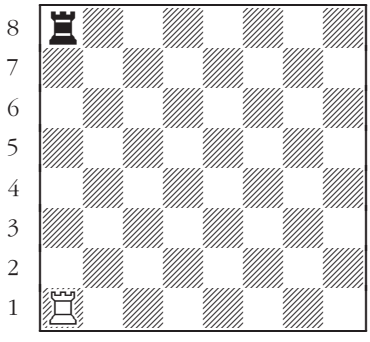

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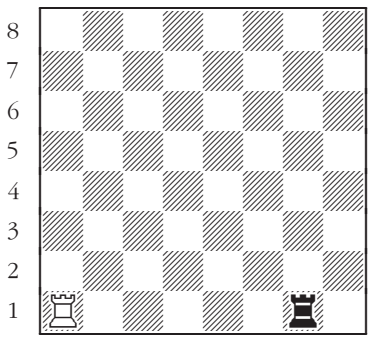

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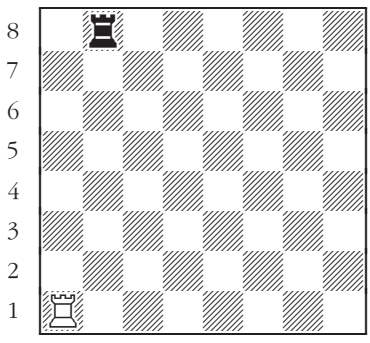

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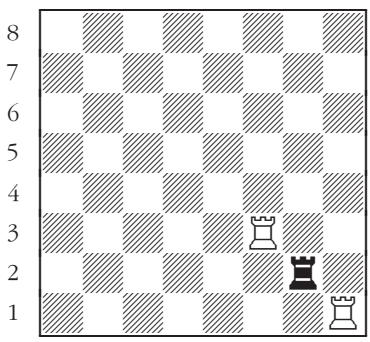

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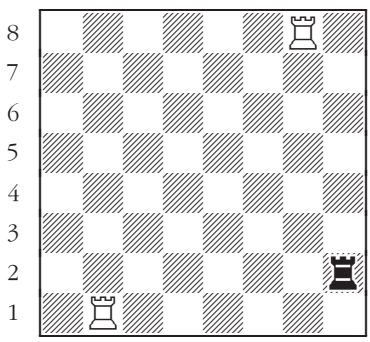

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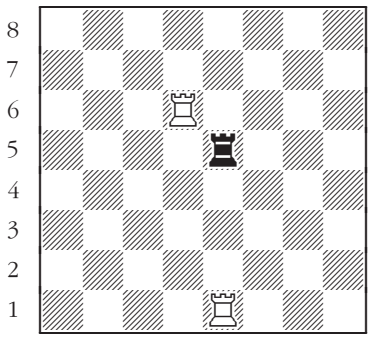
The Rook

Pieces under attack

Black to move: Take one of the white rooks.



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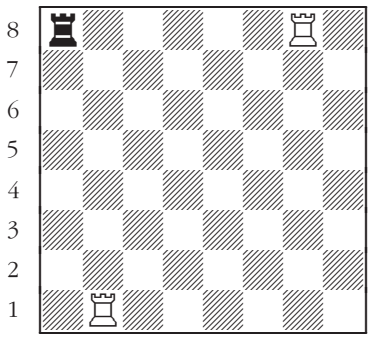

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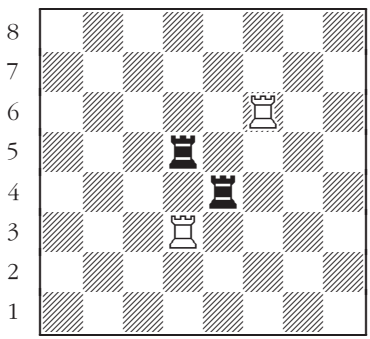

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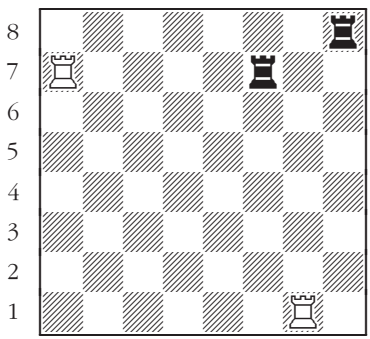

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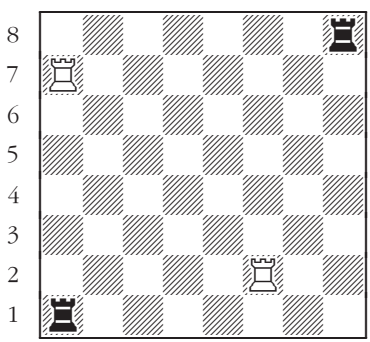

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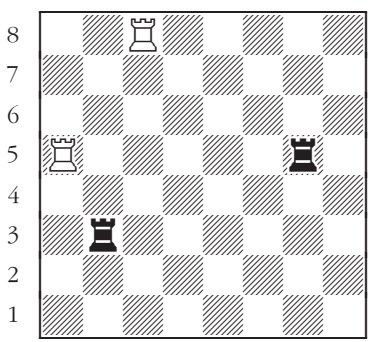

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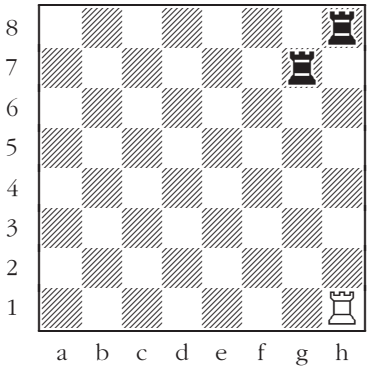
The Rook

To take or not to take?

White to move: Should White take (will Black take the white rook in reply)?



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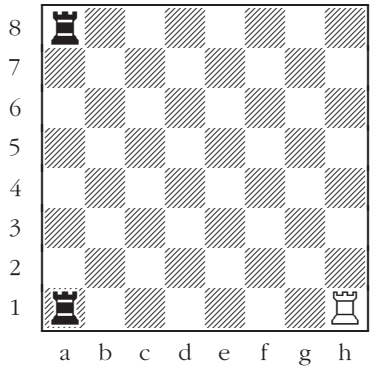

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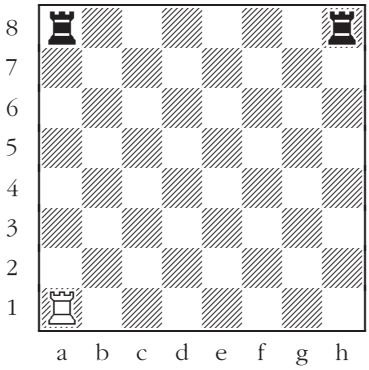

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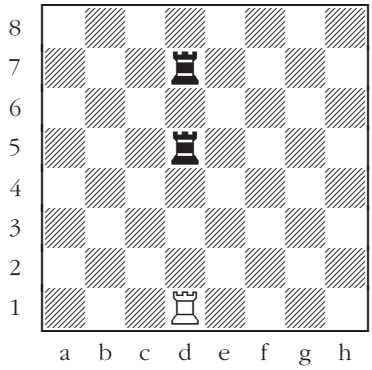

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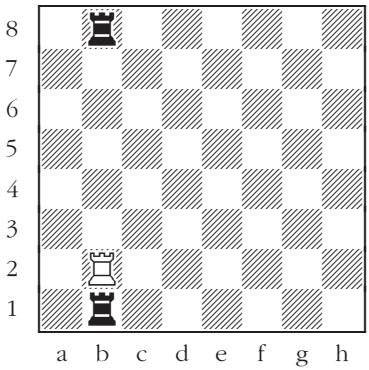

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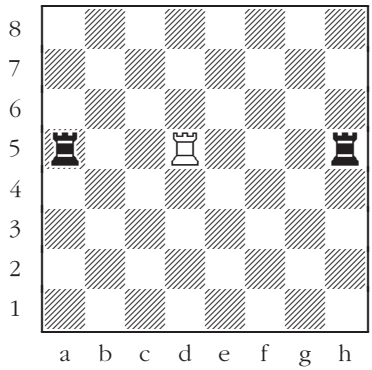

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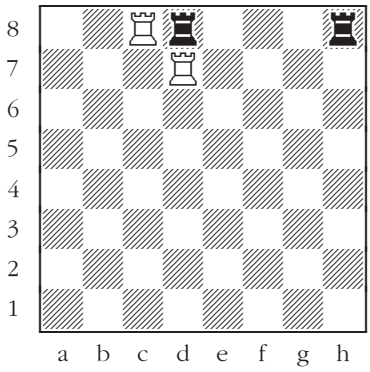
The Rook

The best move

Black to move: Which rook should Black take,
so that after the exchanges Black has more rooks than White?



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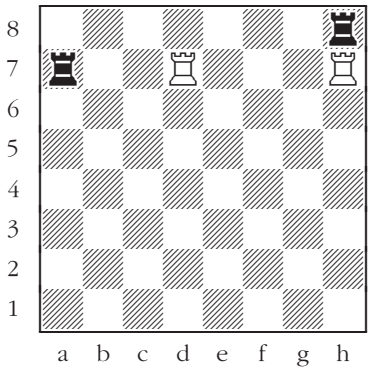

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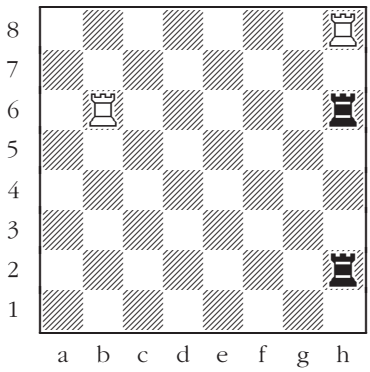

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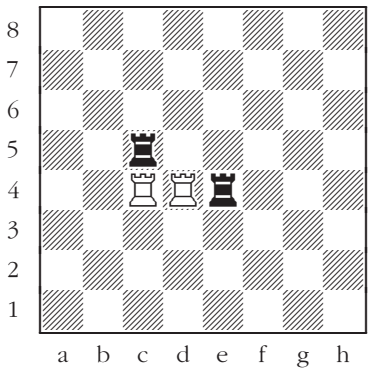

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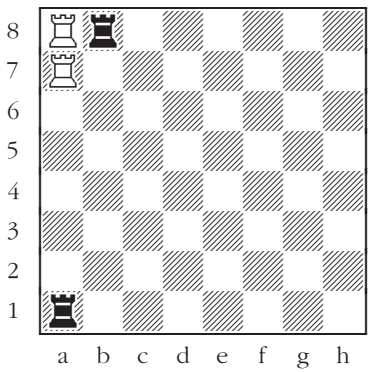

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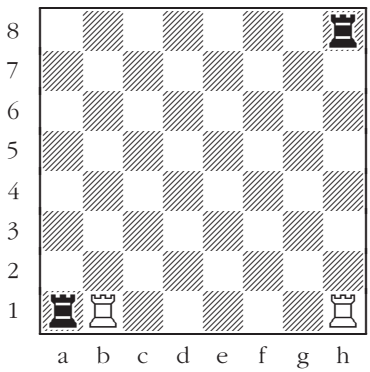

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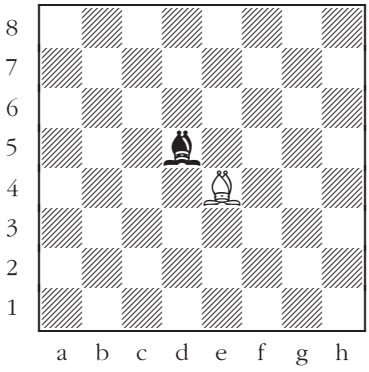
The Bishop

Capturing

White to move: Can White take the black bishop?



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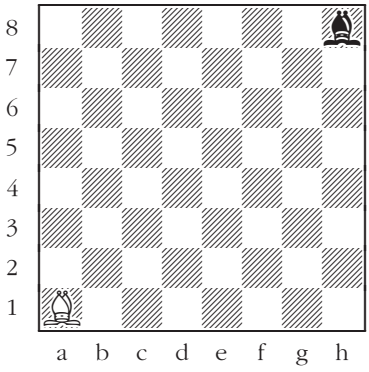

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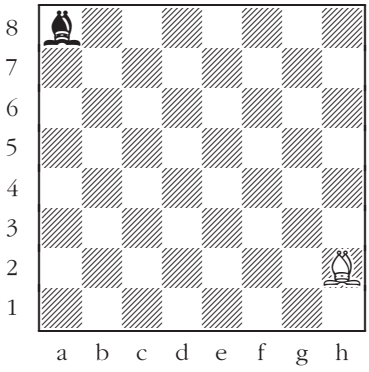

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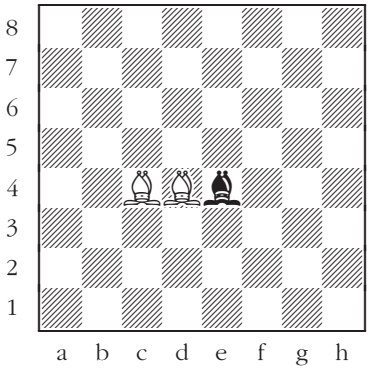

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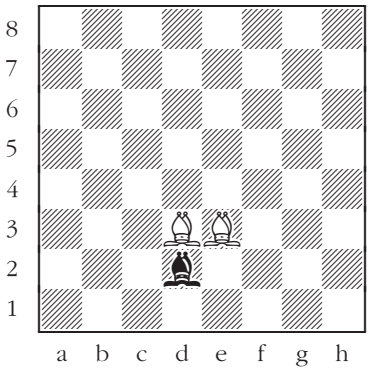

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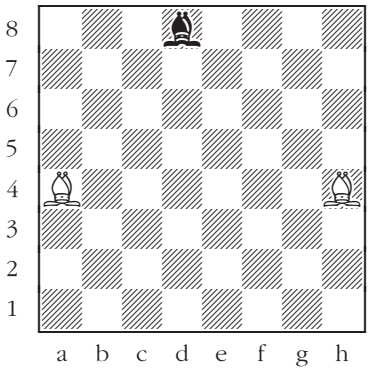

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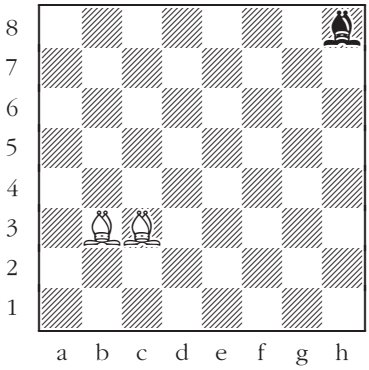
The Bishop

Under attack

Black to move: Take the white bishop.



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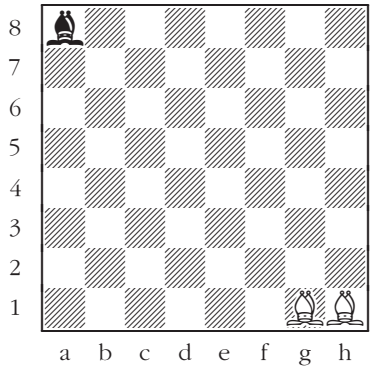

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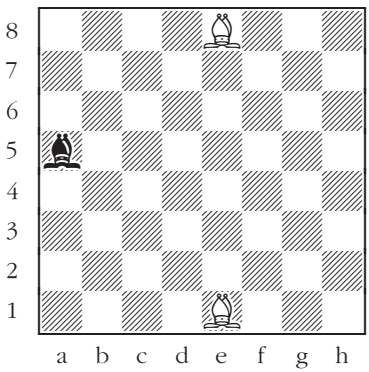

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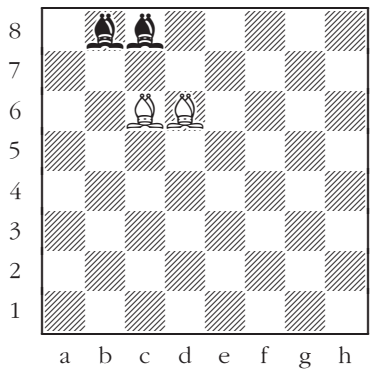

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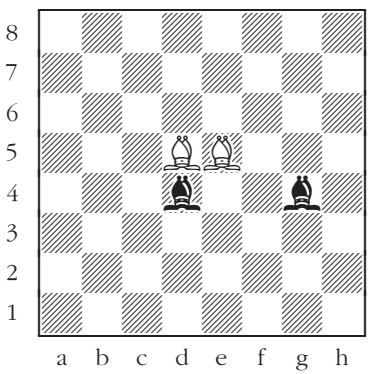

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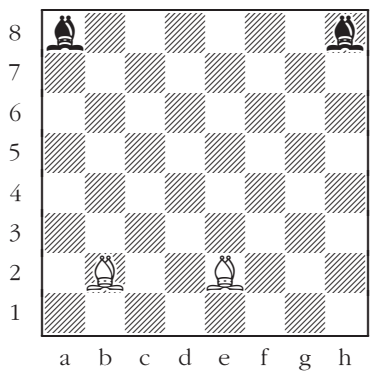

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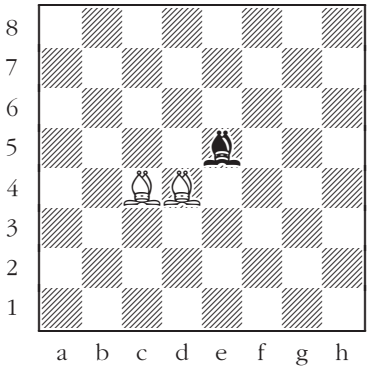
The Bishop

A choice

White to move: Which of the white bishops can capture?



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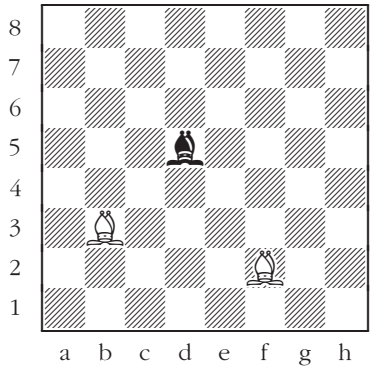

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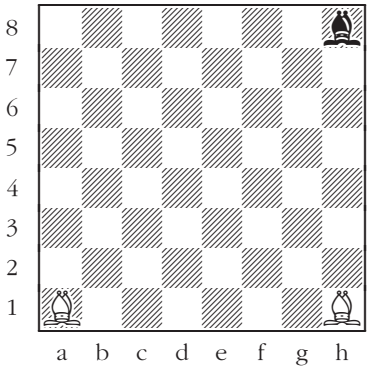

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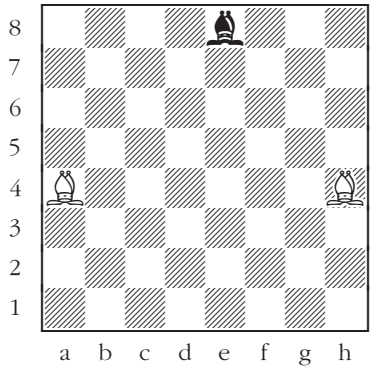

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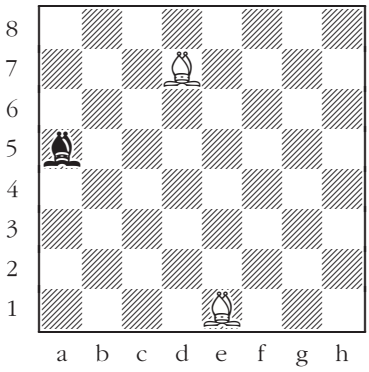

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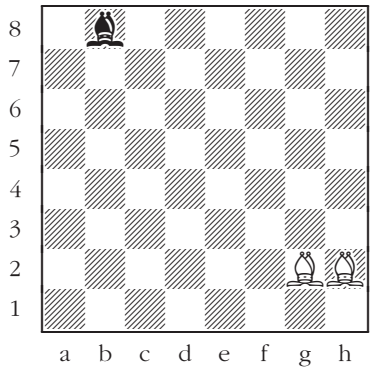

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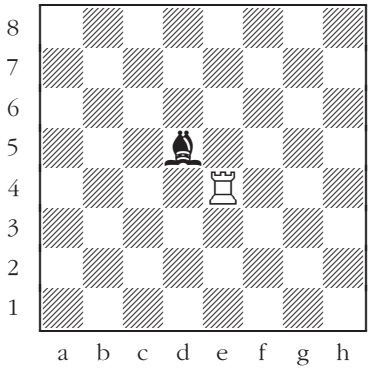
Rooks and Bishops

Attacks by the rook

White to move: Attack the bishop with the rook in two different ways.



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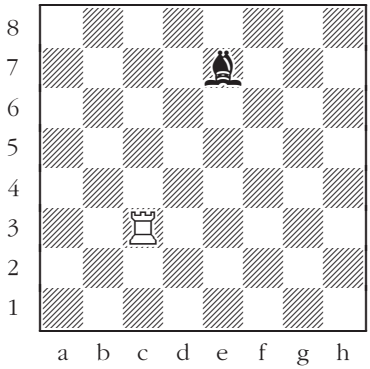

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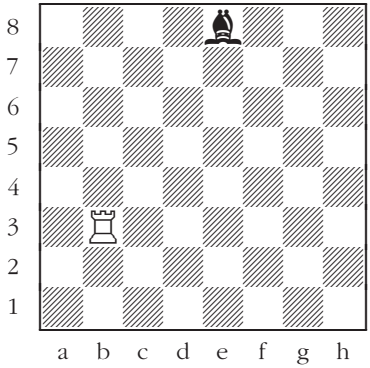

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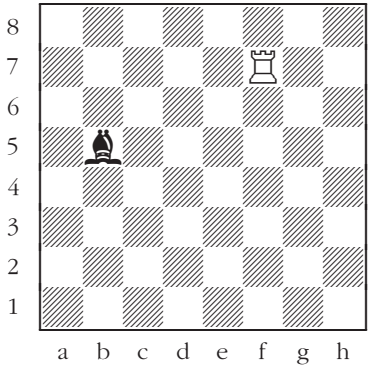

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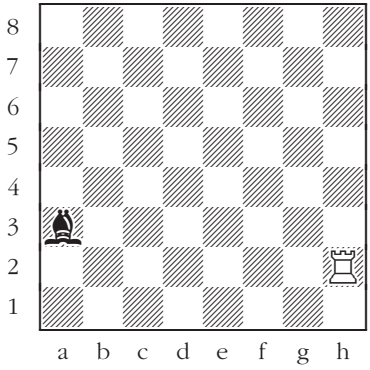

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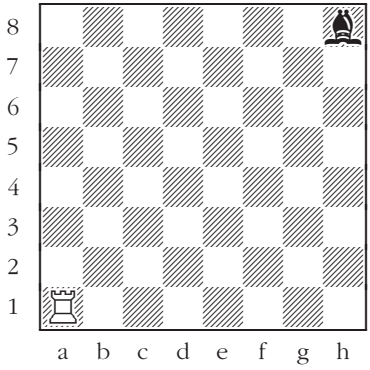
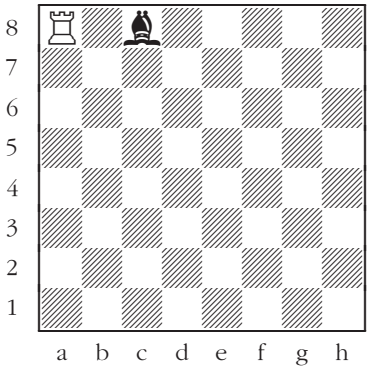


48

Rooks and Bishops

Bishop attacks

Black to move: Attack the rook with the bishop.



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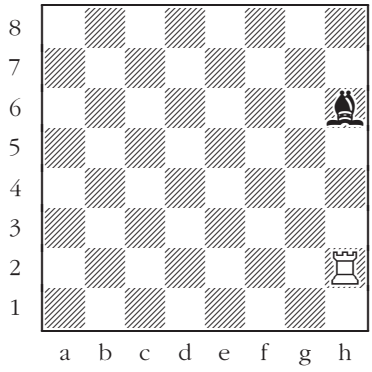

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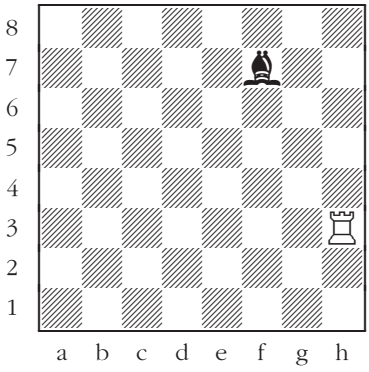

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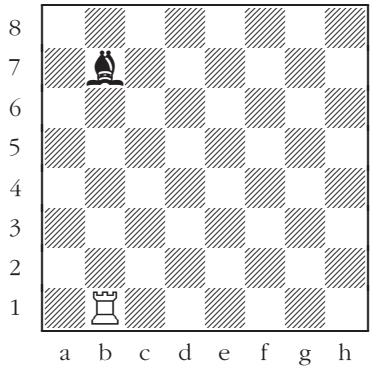

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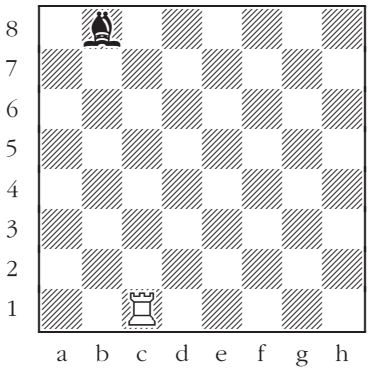

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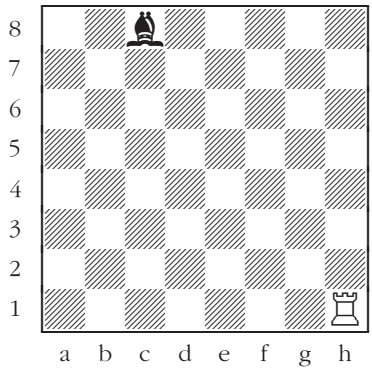
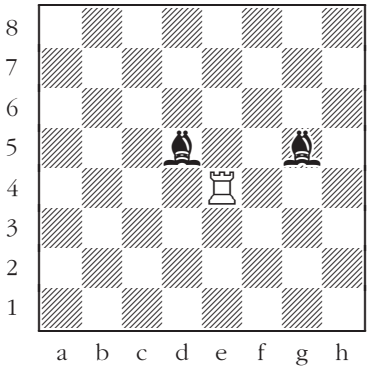


54

Rooks and Bishops

Double attack by the rook

White to move: Attack both bishops with the rook.



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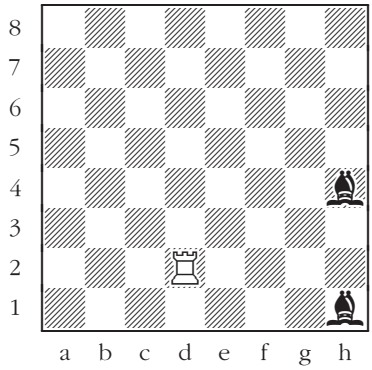

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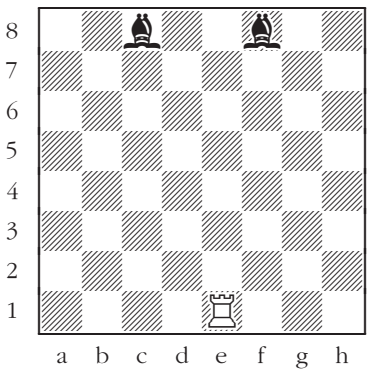

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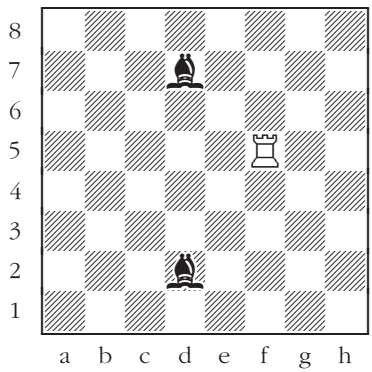

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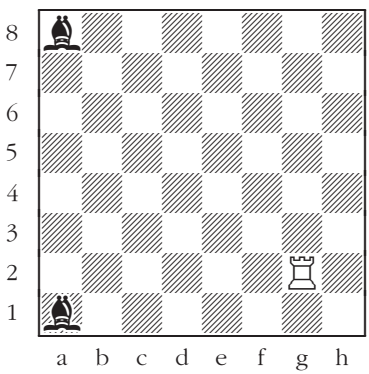

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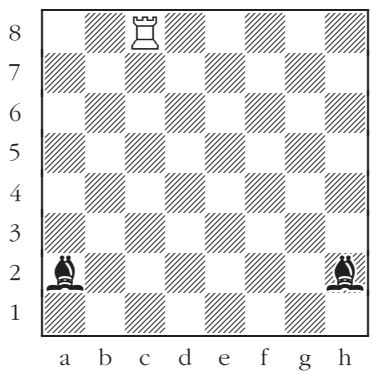

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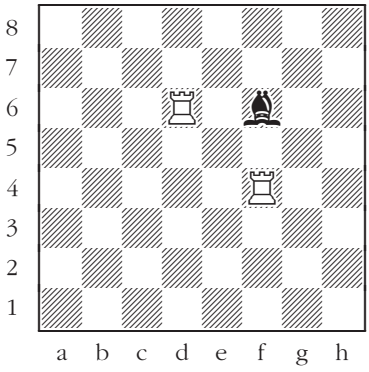
Rooks and Bishops

Double attack by the bishop

Black to move: Attack both rooks with the bishop.



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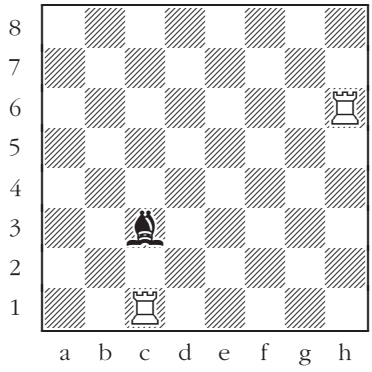

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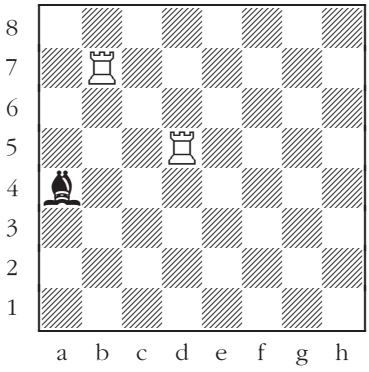

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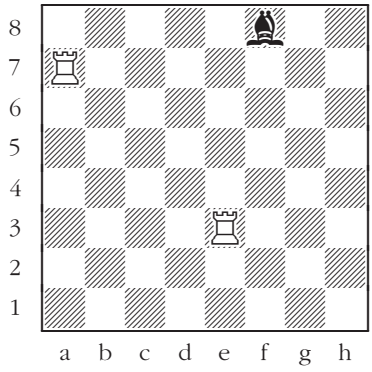

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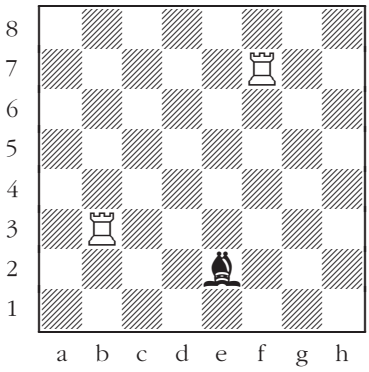

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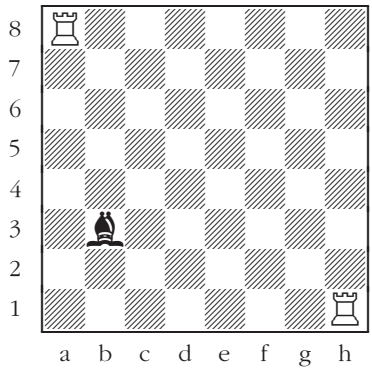
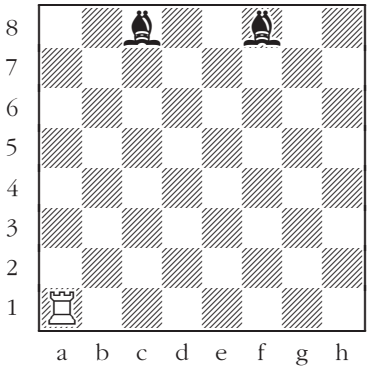


66

Rooks and Bishops

Laser attack by the rook

White to move: Win a bishop — put the rook on the same rank or file as the two bishops.



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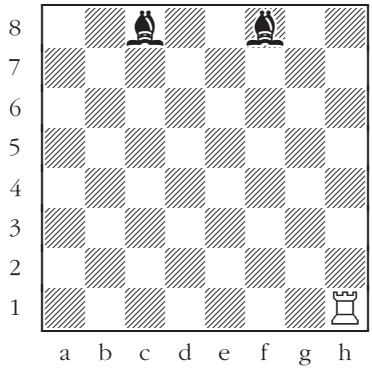

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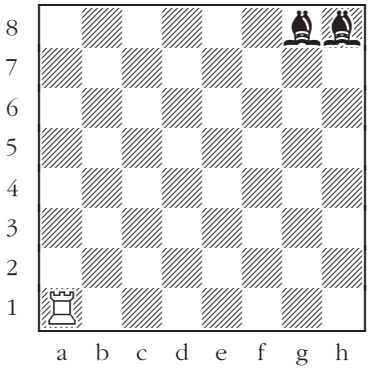

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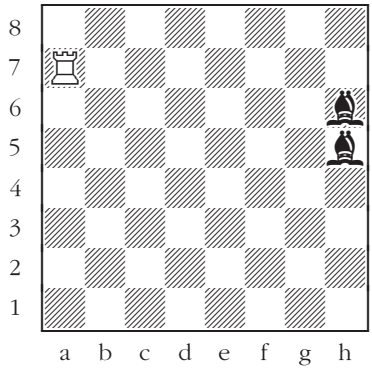

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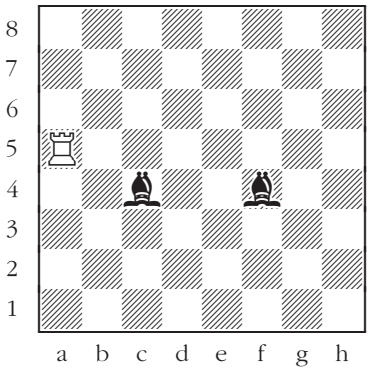

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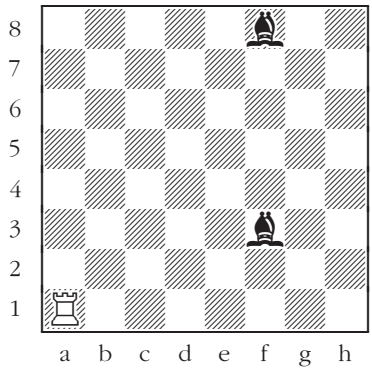
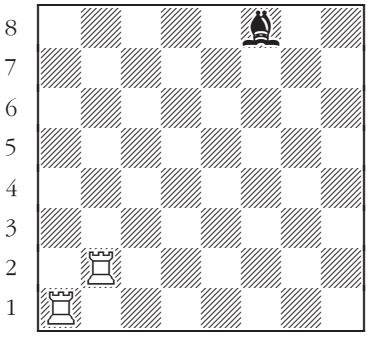


72

Rooks and Bishops

Laser attack by the bishop

Black to move: Deliver a laser attack — put the bishop on the same diagonal as the rooks.



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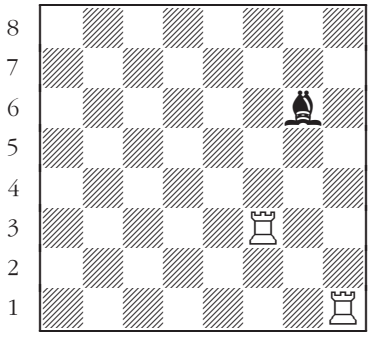

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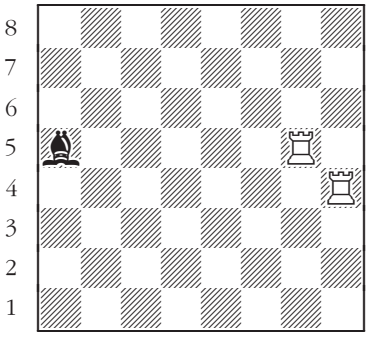

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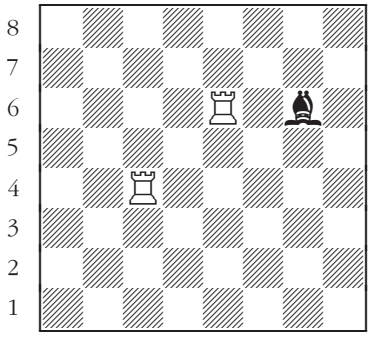

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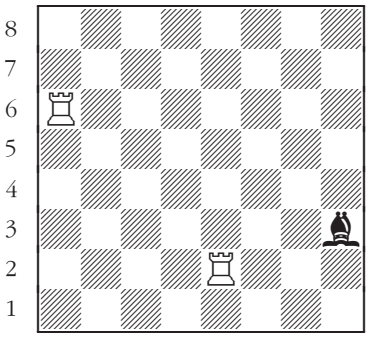

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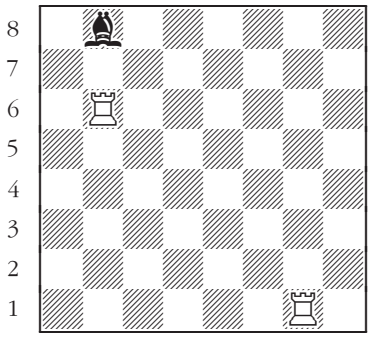

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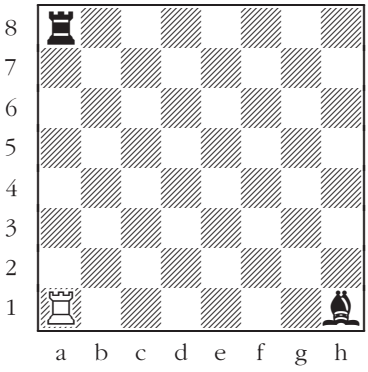
Rooks and Bishops

Capturing

White to move: Take the undefended black piece.



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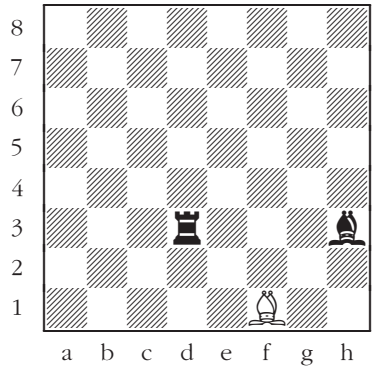

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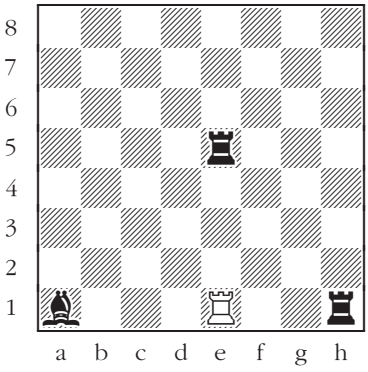

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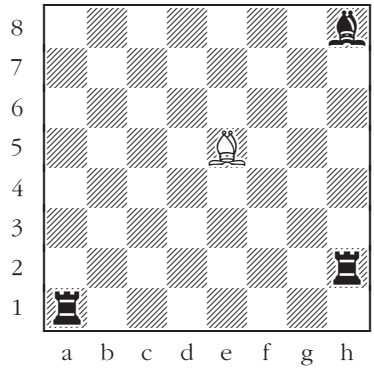

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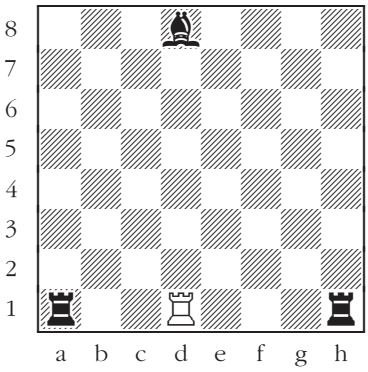

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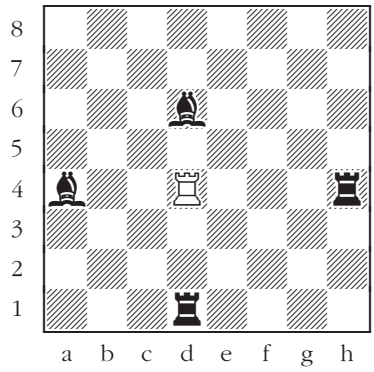

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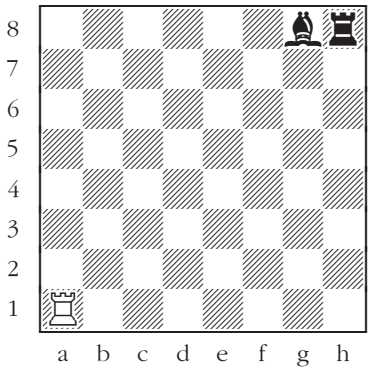
Rooks and Bishops

The pin

White to move: After which move by White does Black lose either the bishop or the rook, no matter what?



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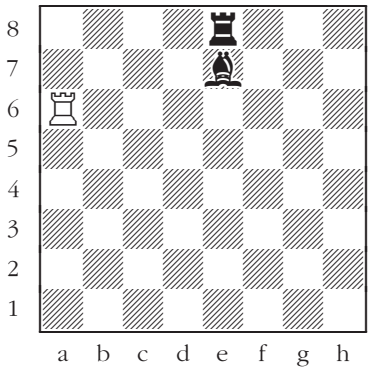

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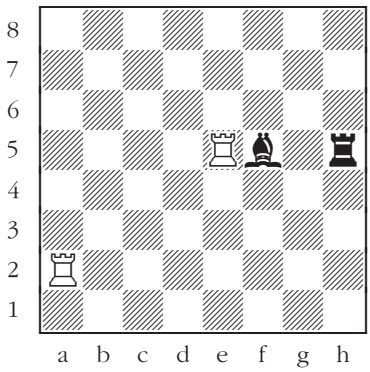

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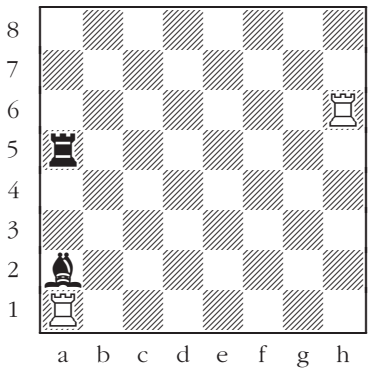

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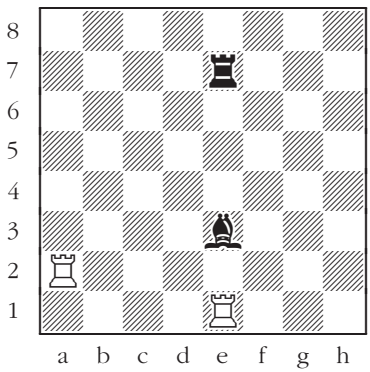

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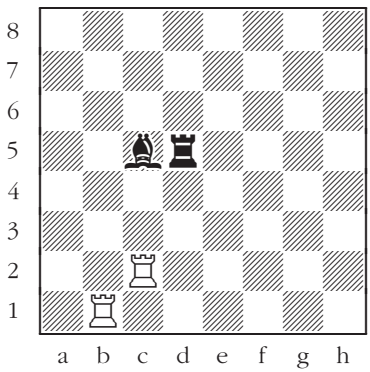
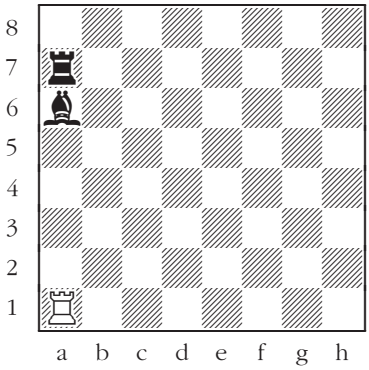


90

Rooks and Bishops

Escapes

Black to move: How does Black avoid losing material?



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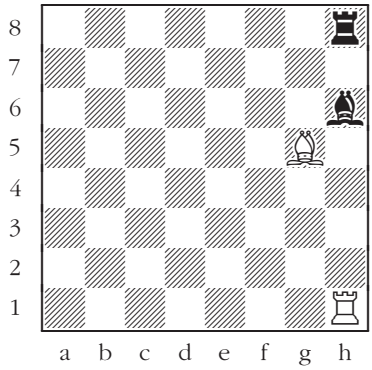

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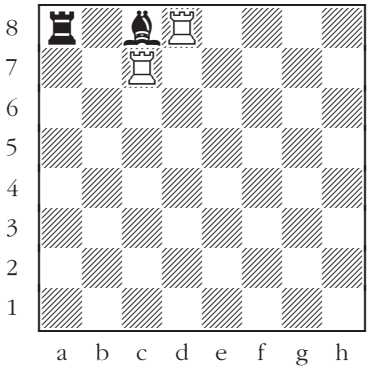

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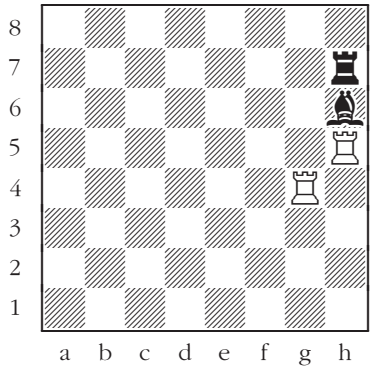

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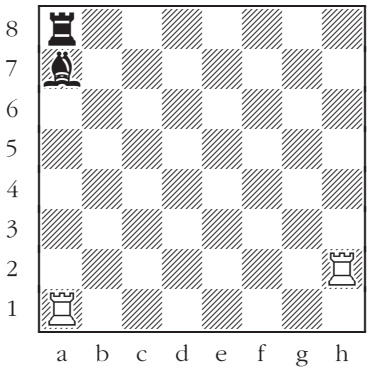

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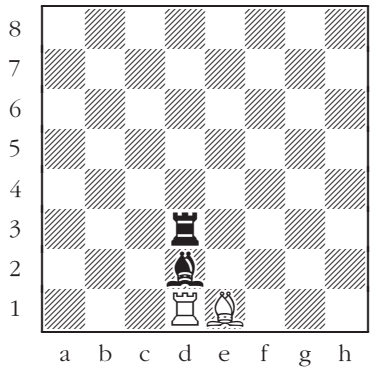

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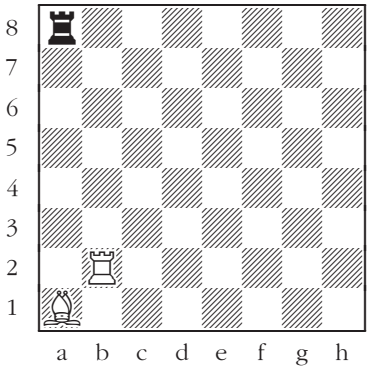
Rooks and Bishops

Defending

White to move: How does White avoid losing a piece?



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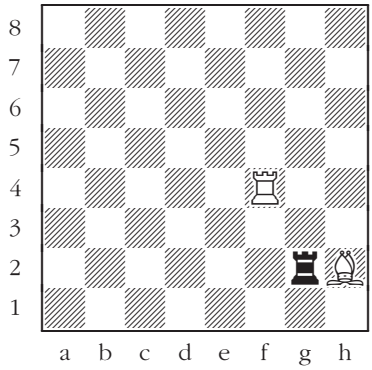

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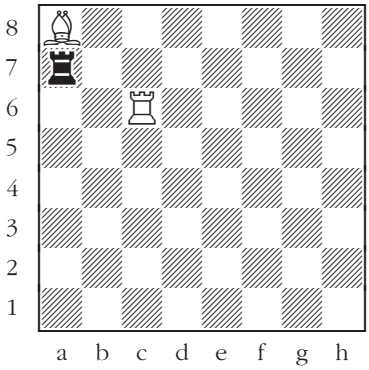

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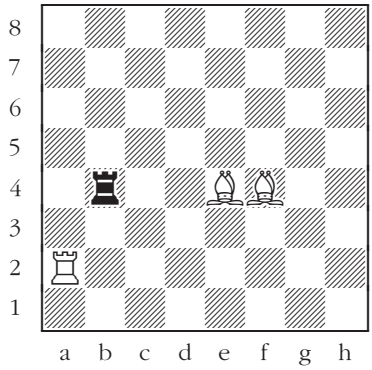

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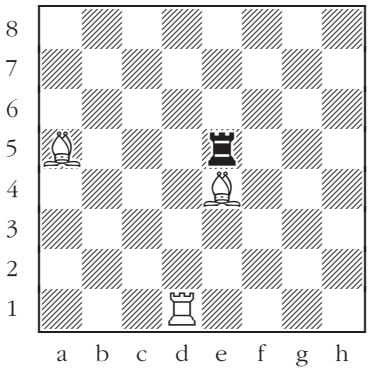

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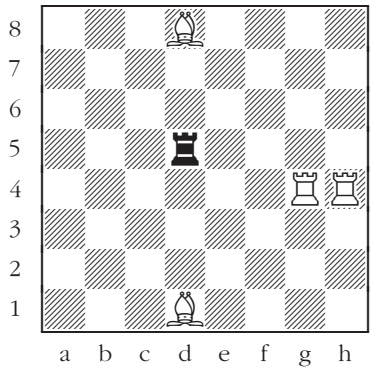
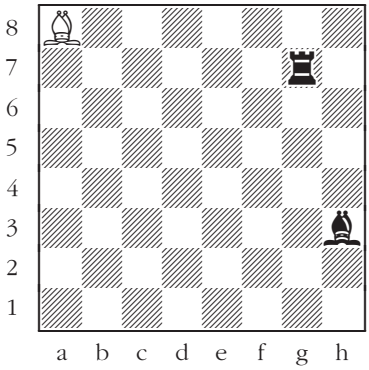


102

Rooks and Bishops

Exchanging

Black to move: Force the exchange of a white piece.



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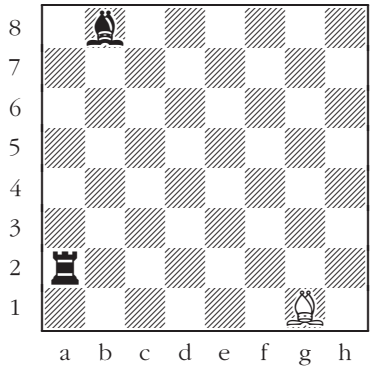

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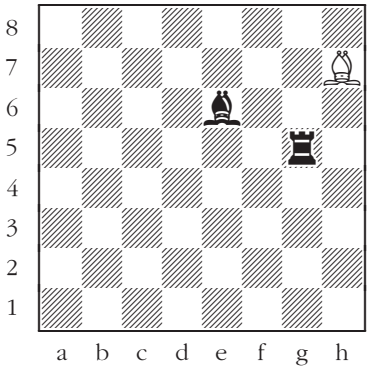

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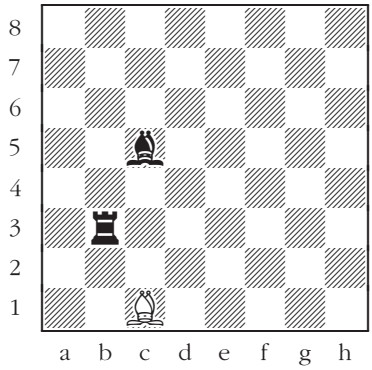

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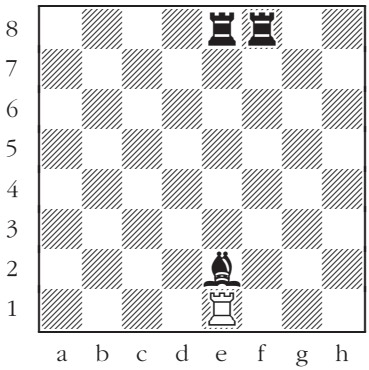

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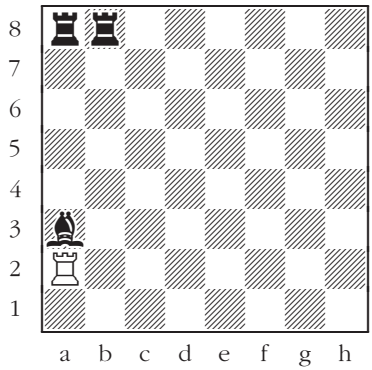
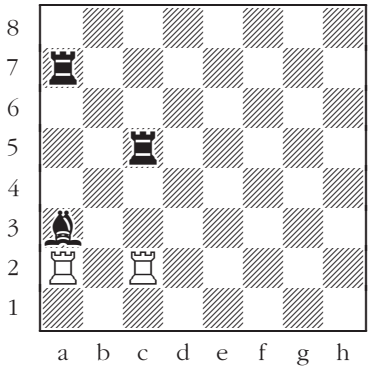


108

Rooks and Bishops

Combinations

White to move: Find the best maneuver.



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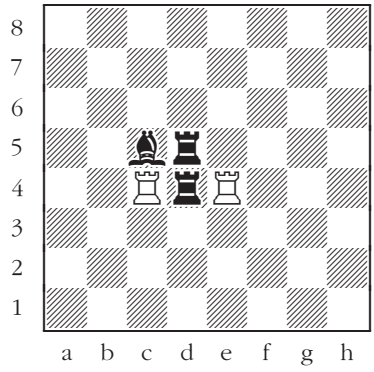

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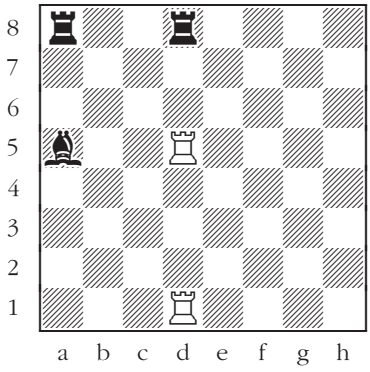

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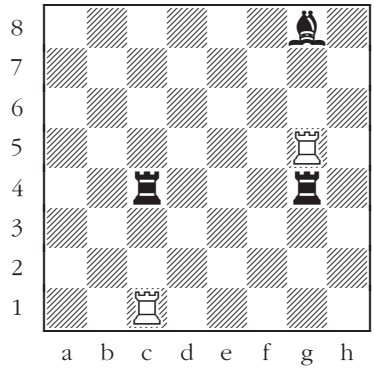

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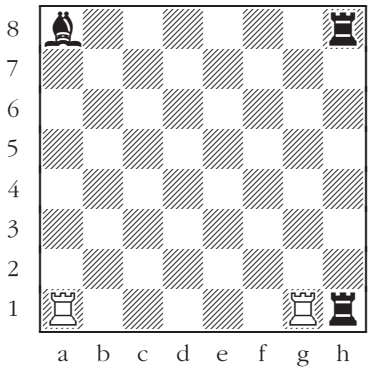

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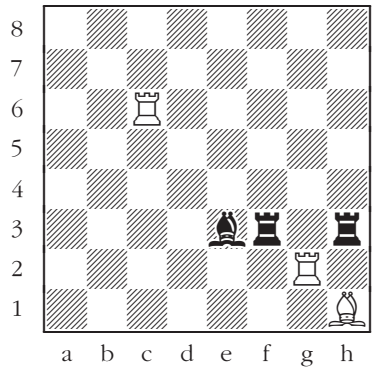
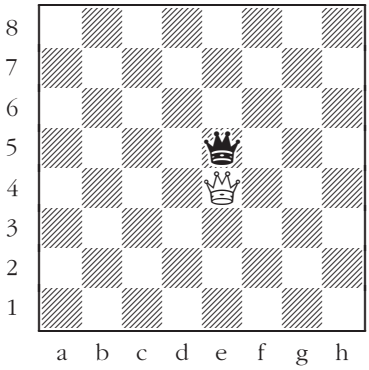


114

The Queen

Capturing

White to move: Can White take Black's queen?



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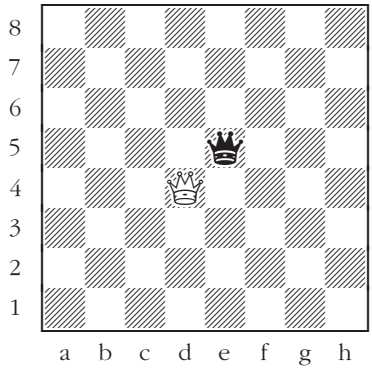

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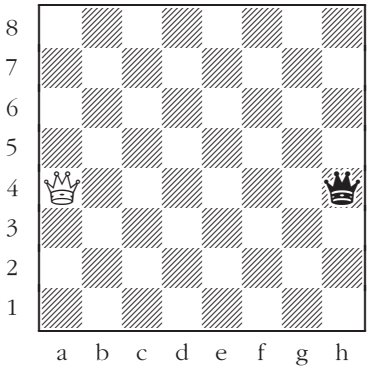

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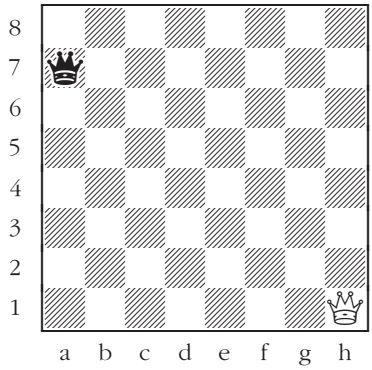

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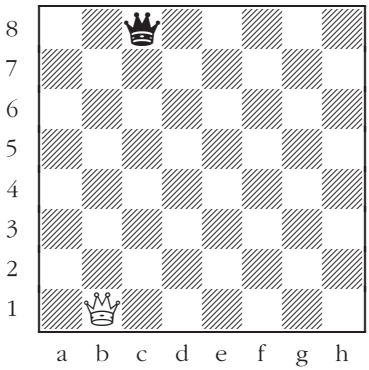

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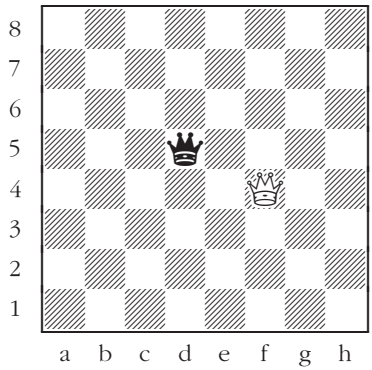
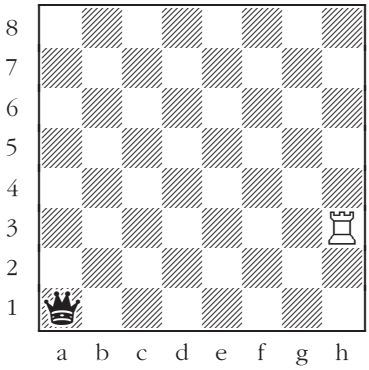


120

Queens, Rooks, and Bishops

Attack on the rook

Black to move: Attack the rook with the queen (but don't put the queen under attack).



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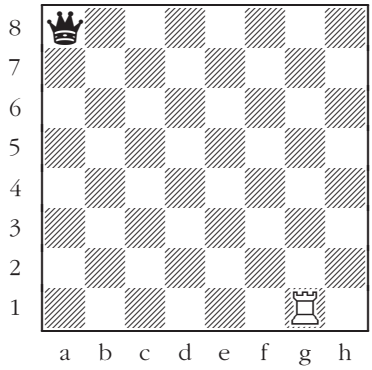

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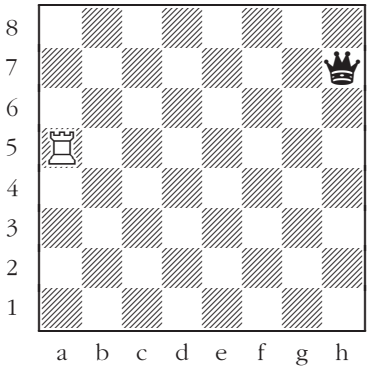

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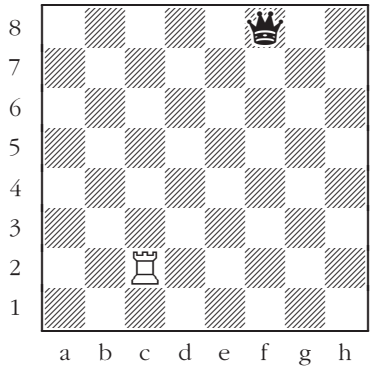

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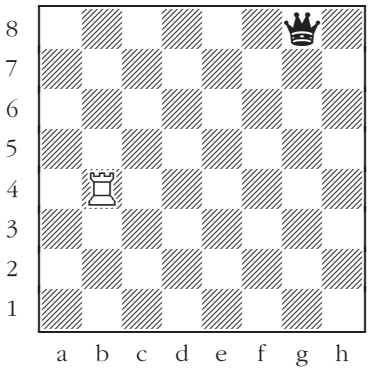

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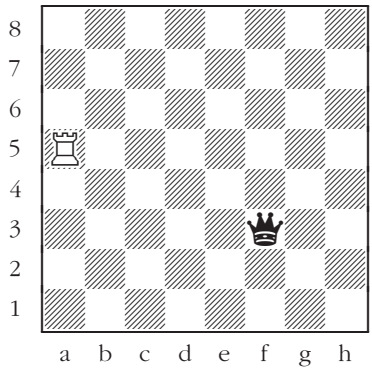
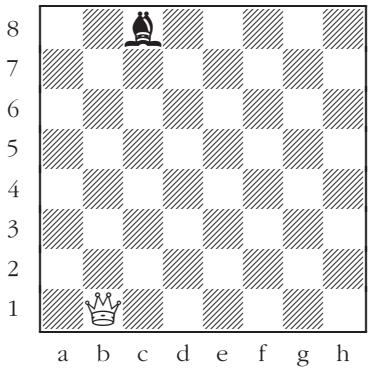


126

Queens, Rooks, and Bishops

Attack on the bishop

White to move: Attack the bishop with the queen (but don't put the queen under attack). Find three different ways.



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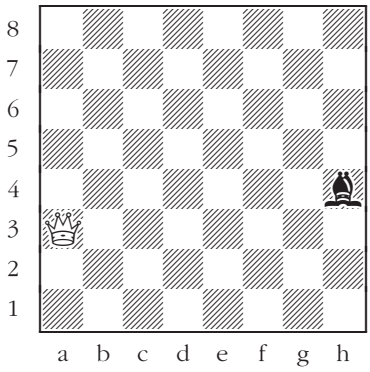

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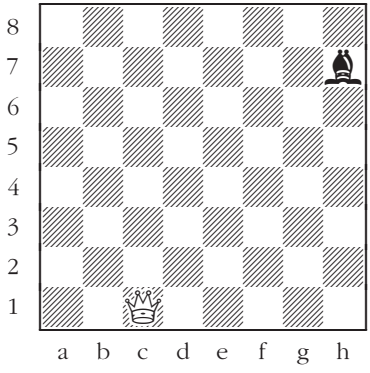

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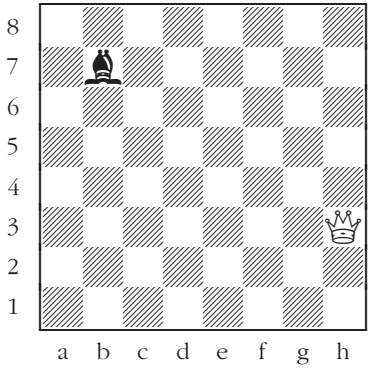

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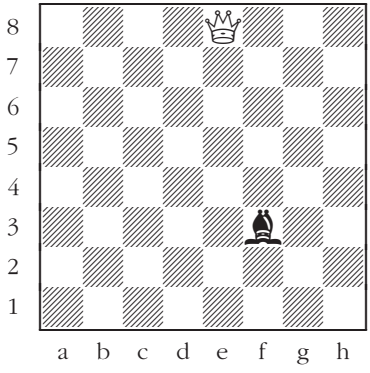

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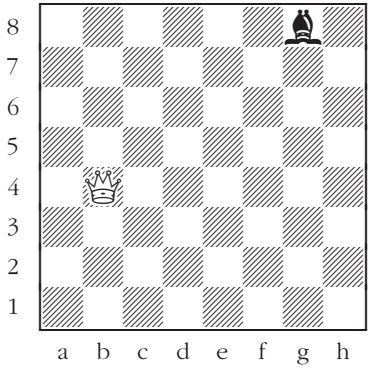
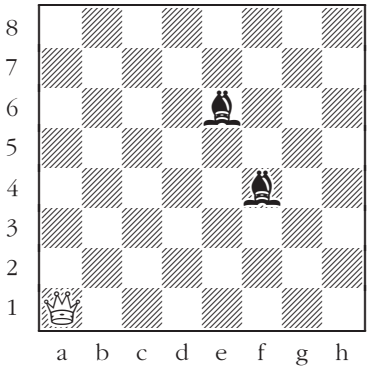


132

Queens, Rooks, and Bishops

Double attack

White to move: Attack both bishops with the queen (but don't put the queen under attack).



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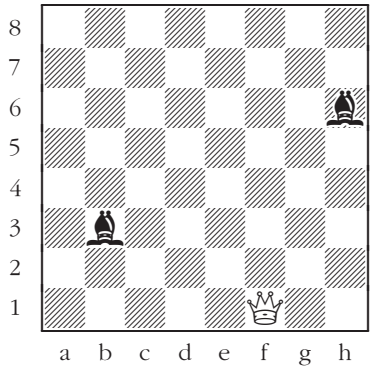

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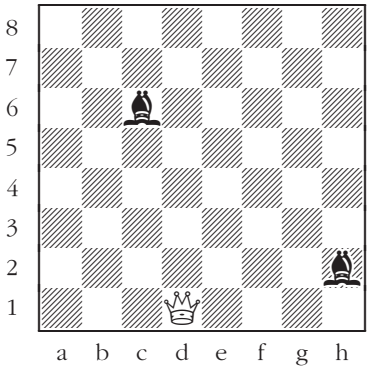

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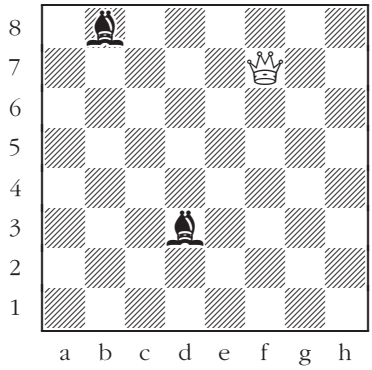

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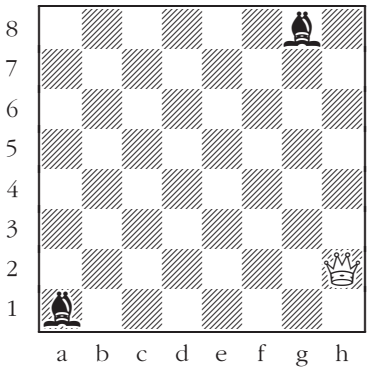

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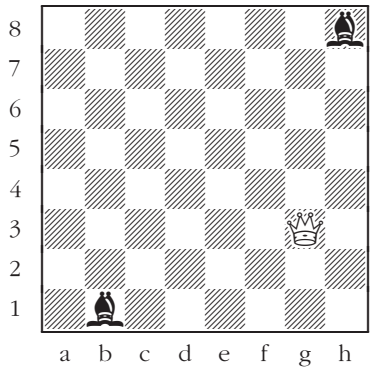
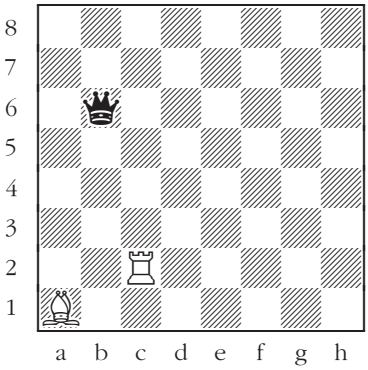


138

Queens, Rooks, and Bishops

Double attack

Black to move: Attack two pieces with the queen (but don't put the queen under attack).



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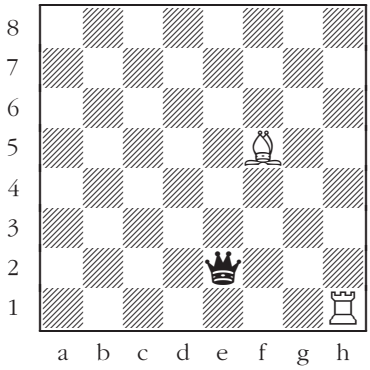

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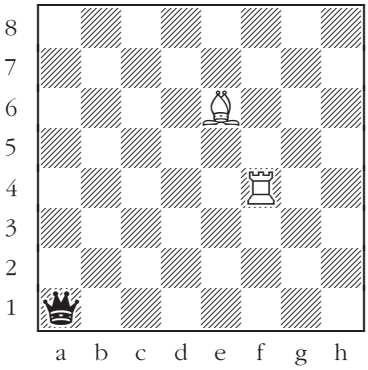

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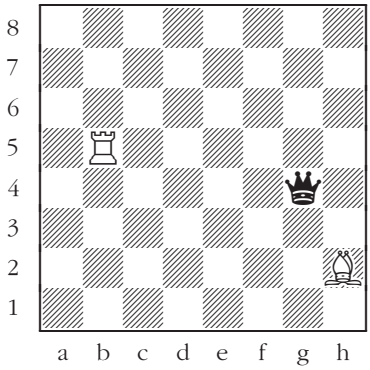

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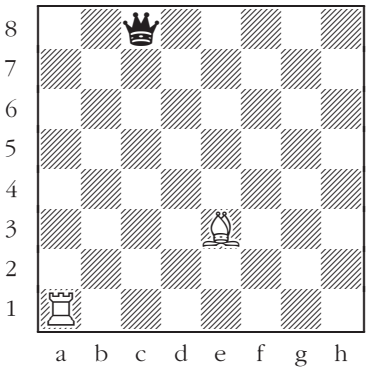

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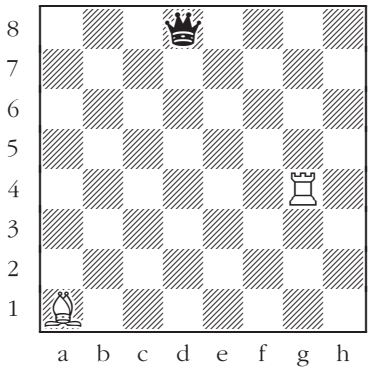
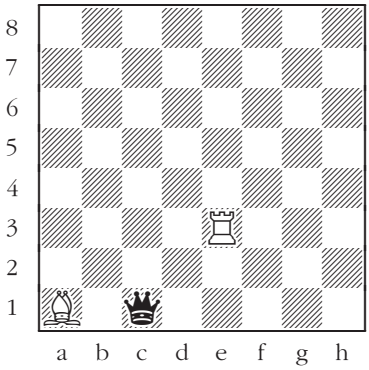


144

Queens, Rooks, and Bishops

Defending

White to move: How can both pieces be saved?



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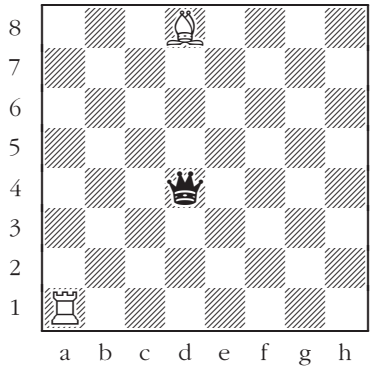

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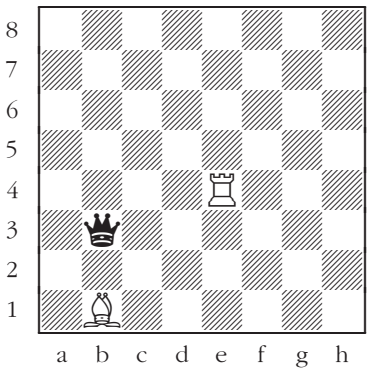

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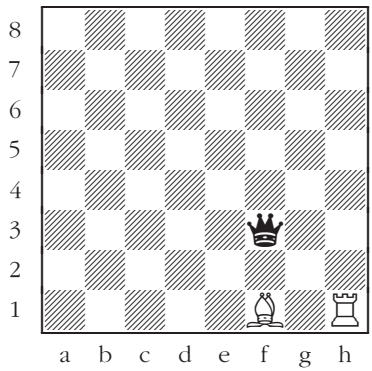

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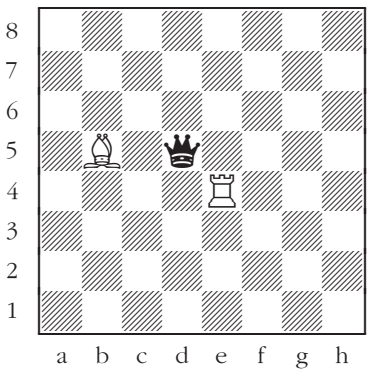

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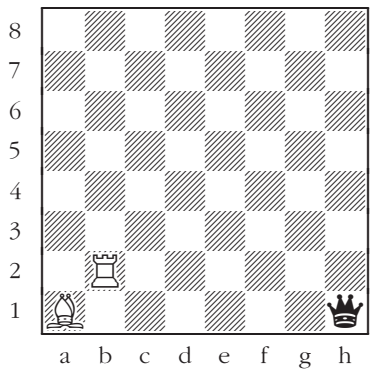
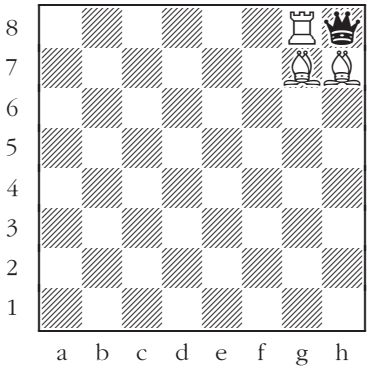


150

Queens, Rooks, and Bishops

Capturing

Black to move: Take the undefended piece.



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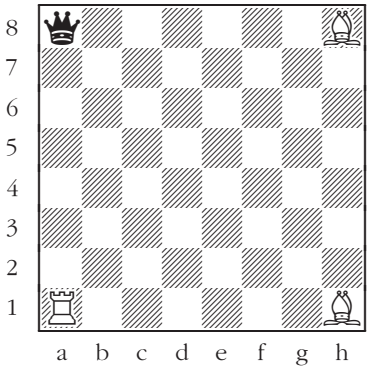

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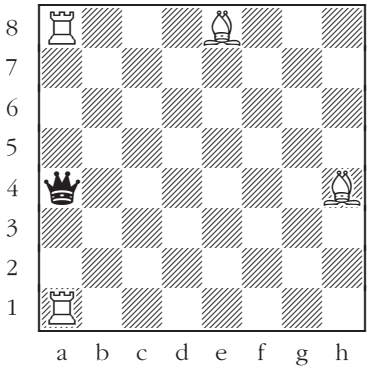

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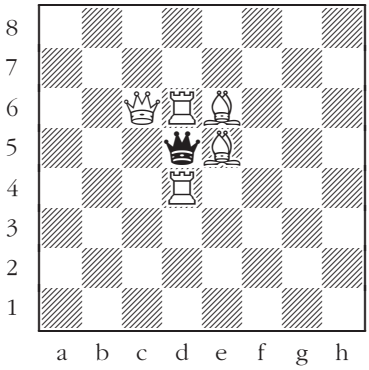

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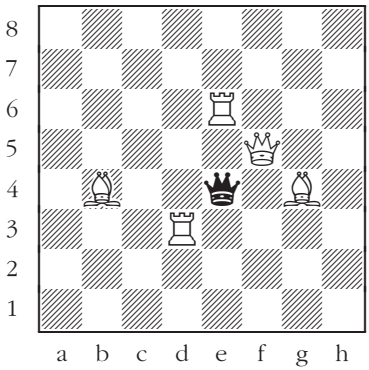

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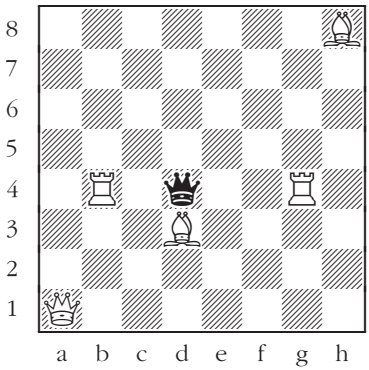
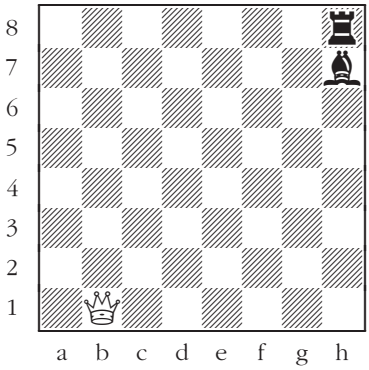


156

Queens, Rooks, and Bishops

The pin

White to move: Find the best chance.



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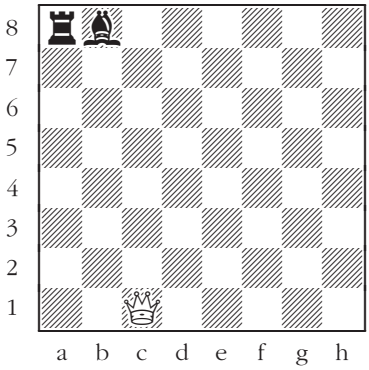

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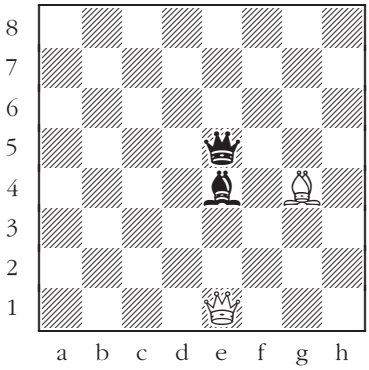

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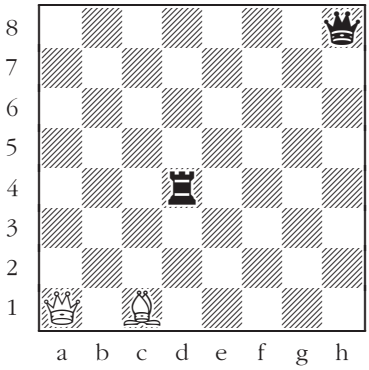

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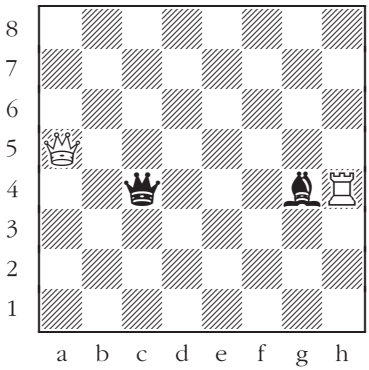

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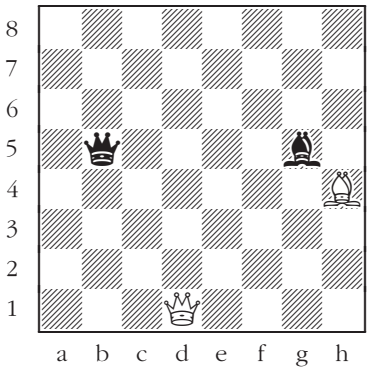
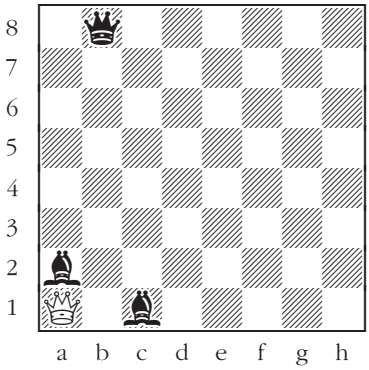


162

Queens, Rooks, and Bishops

Restricting mobility

Black to move: Force the white queen to go into an exchange.



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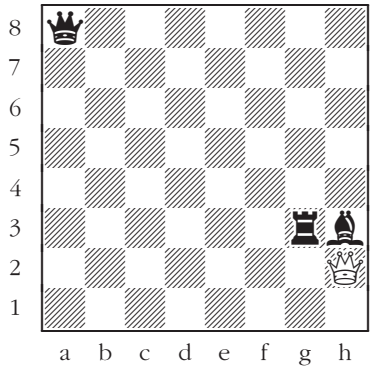

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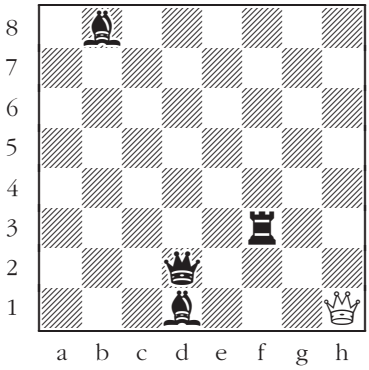

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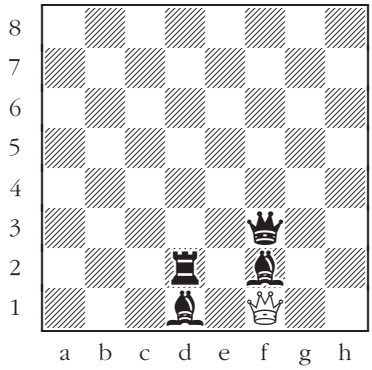

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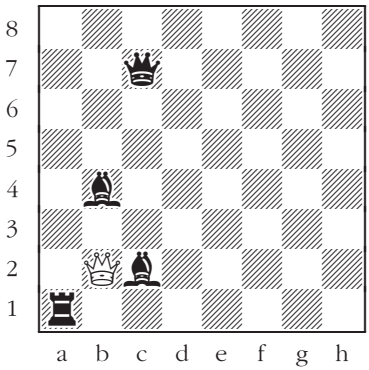

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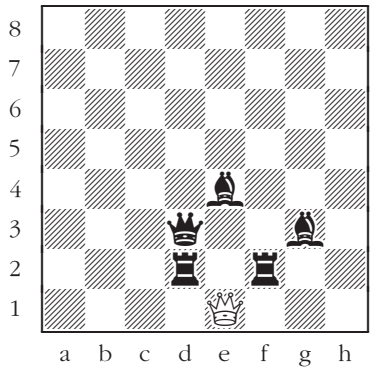
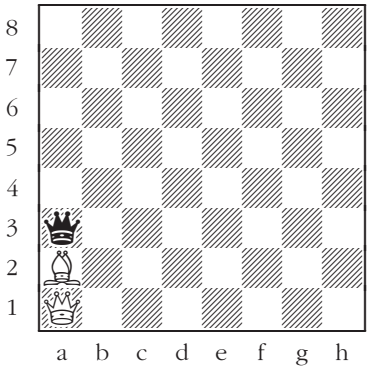


168

Queens, Rooks, and Bishops

Escapes

White to move: Find the best move.



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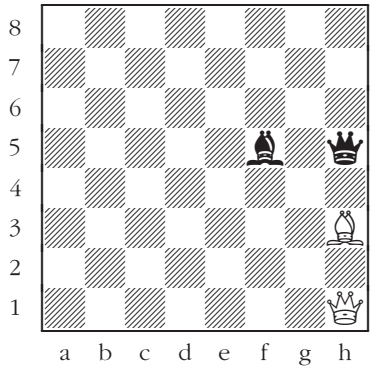

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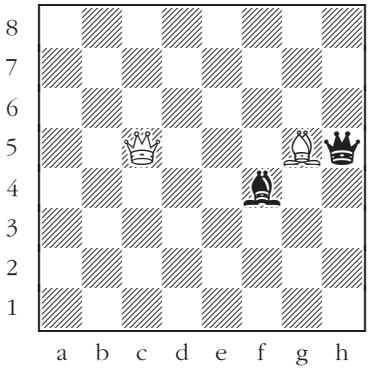

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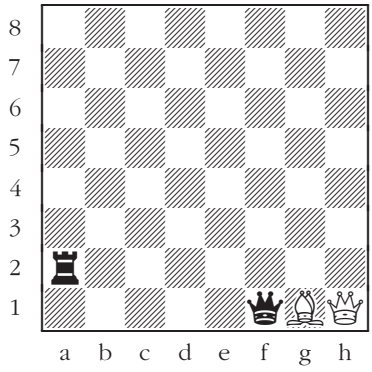

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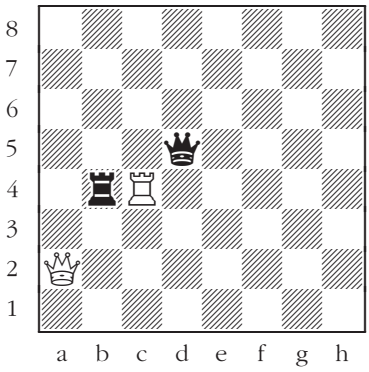

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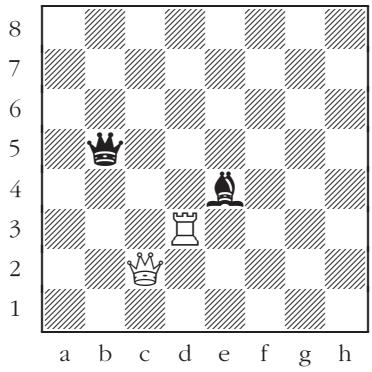
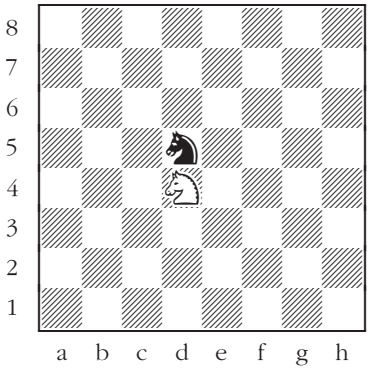


174

The Knight

Capturing

White to move: Can White take the black knight?



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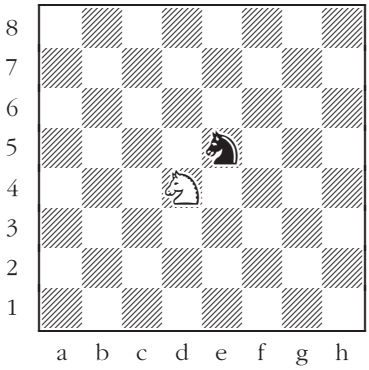

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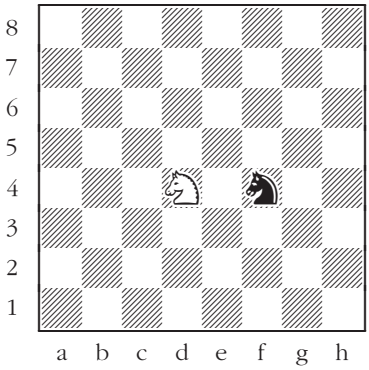

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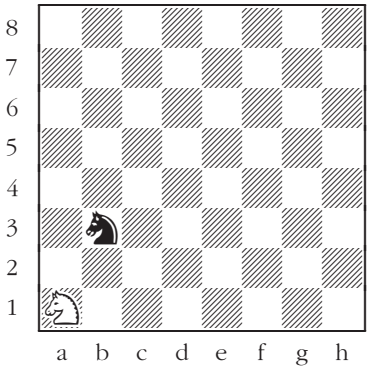

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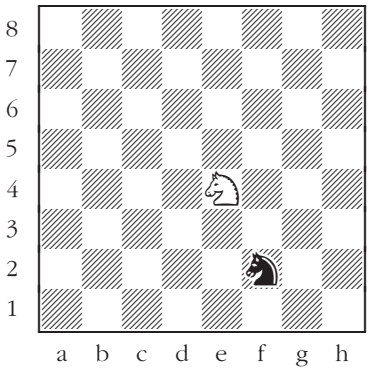

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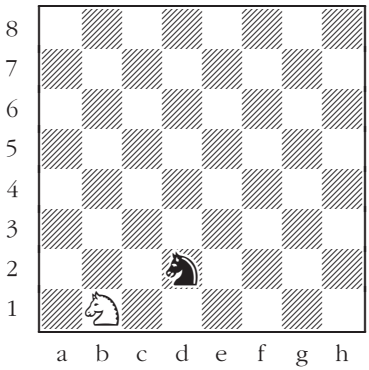
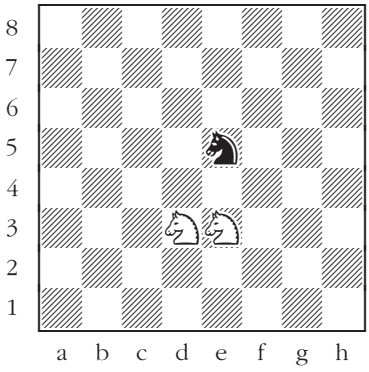


180

The Knight

The knight under attack

Black to move: Which knight can be taken?



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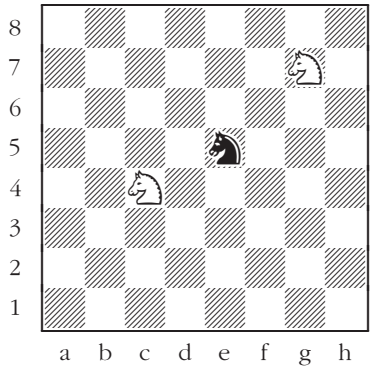

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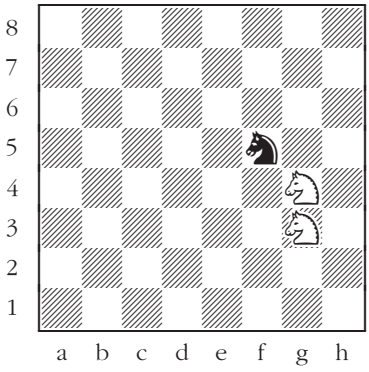

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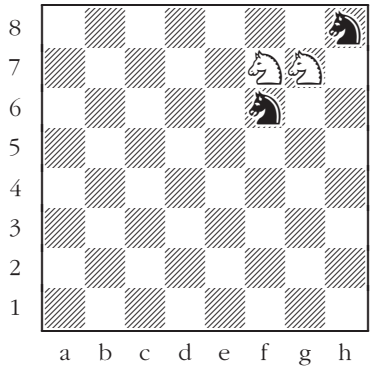

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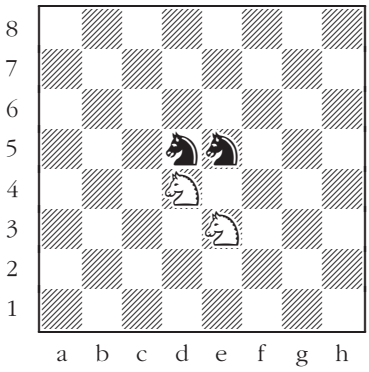

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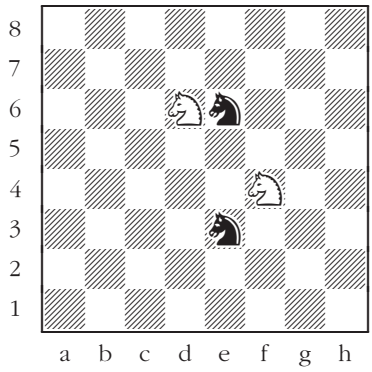
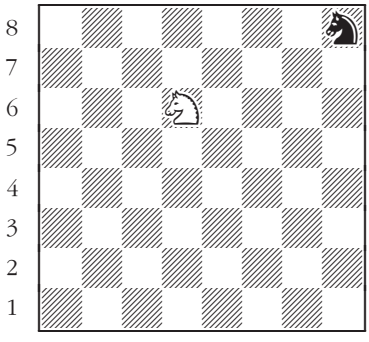


186

The Knight

Running past the guard

Black to move: Where should the black knight jump?



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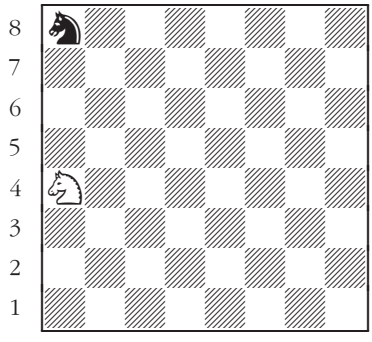

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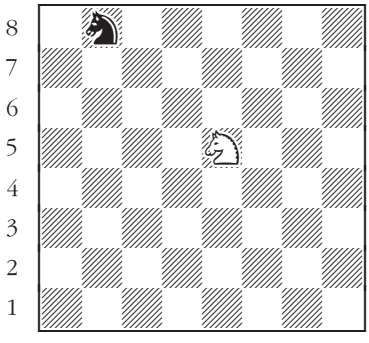

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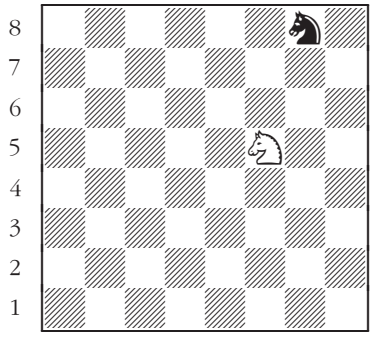

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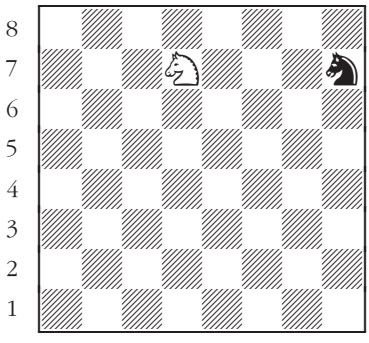

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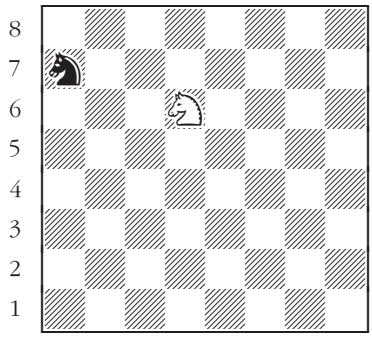
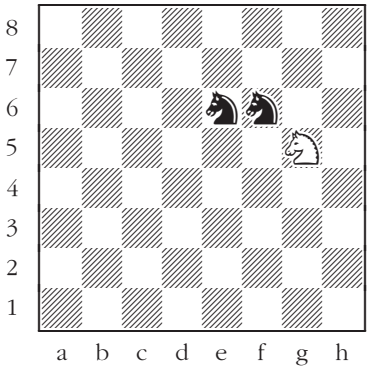


192

The Knight

To take or not to take?

White to move: Is it a good idea to capture the black knight?



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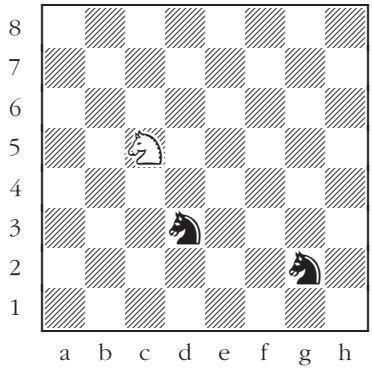

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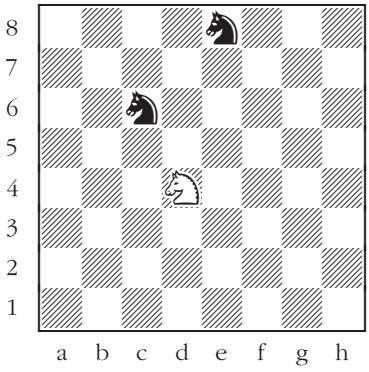

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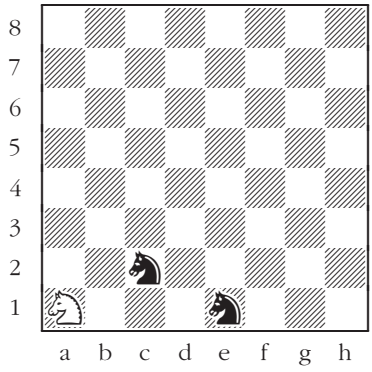

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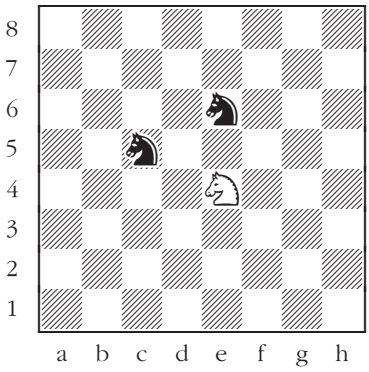

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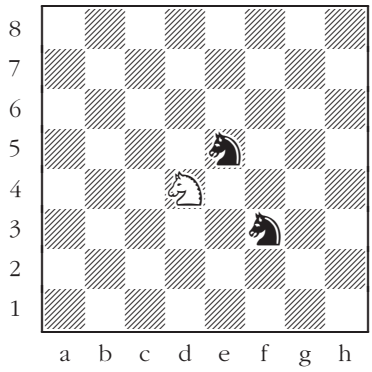
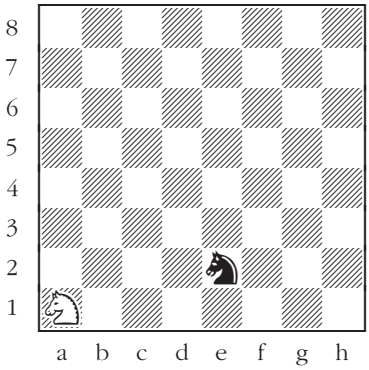


198

The Knight

Restricting mobility

Black to move: Which move leads to capturing the white knight?



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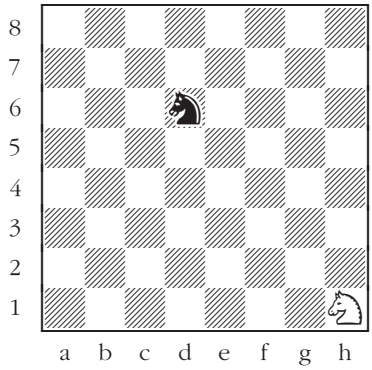

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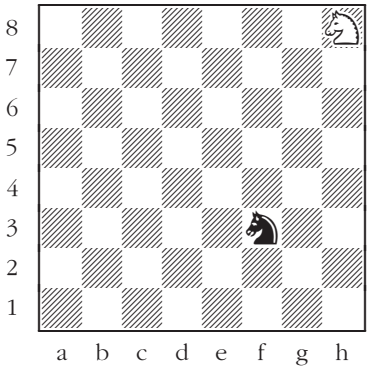

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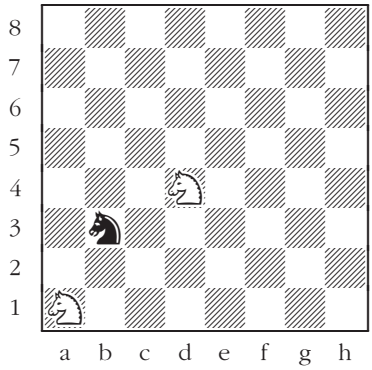

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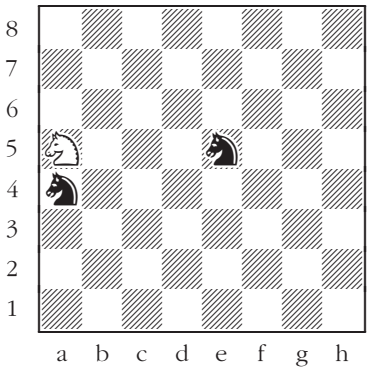

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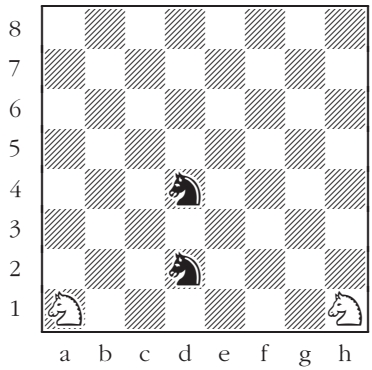

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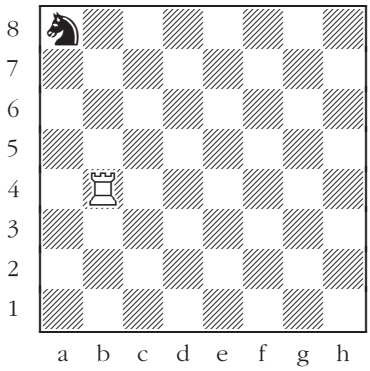
Knights, Queens, Rooks, and Bishops

The rook tames the knight

White to move: Which maneuver leads to capturing the black knight?



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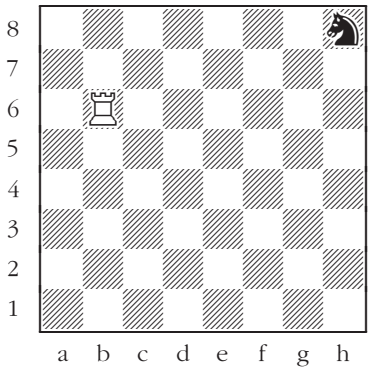

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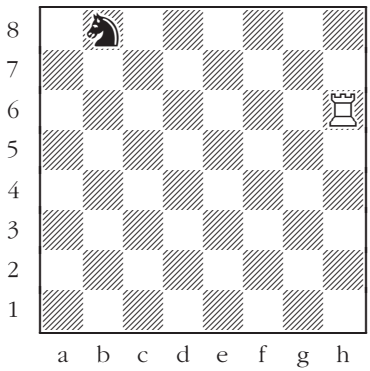

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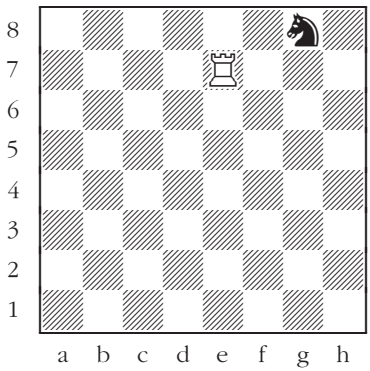

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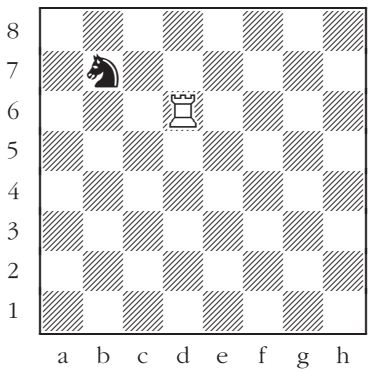

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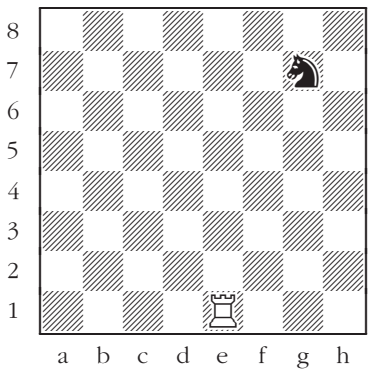
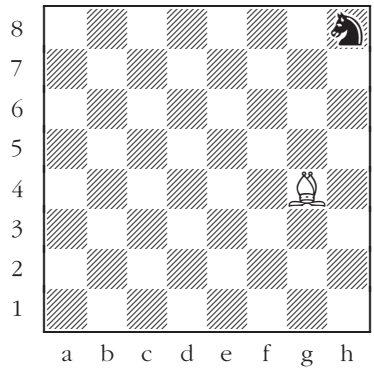


210

Knights, Queens, Rooks, and Bishops

The bishop tames the knight

White to move: Catch the black knight in a trap — in one move, take away all of its retreat squares.



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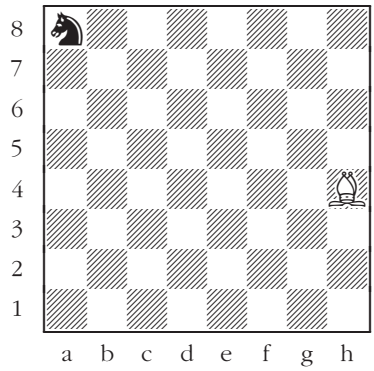

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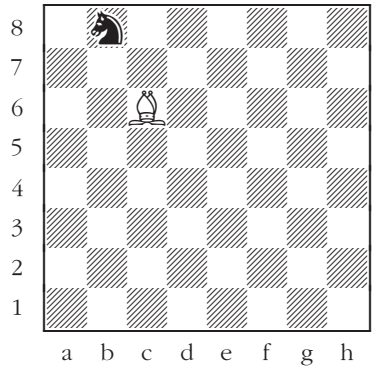

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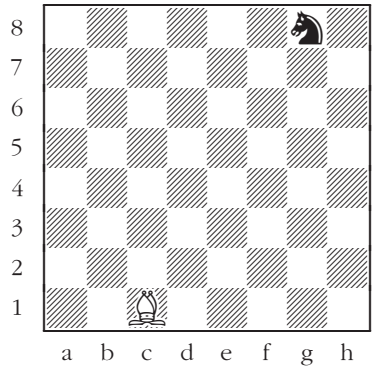

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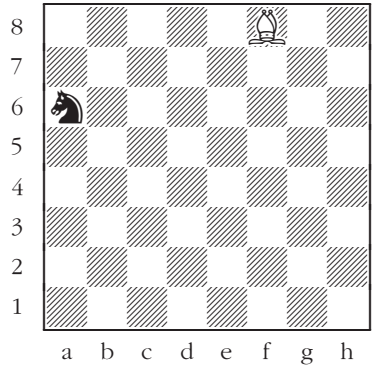

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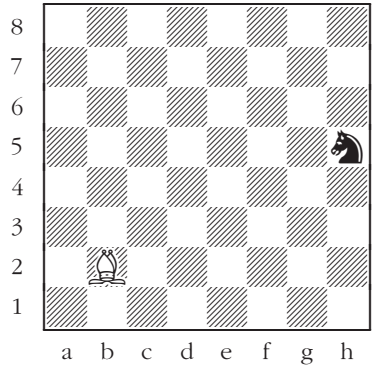
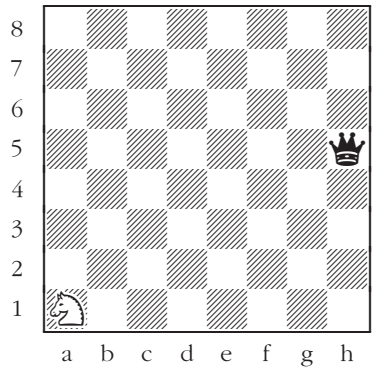


216

Knights, Queens, Rooks, and Bishops

The queen tames the knight

Black to move: Catch the white knight in a trap — in one move, take away all of its retreat squares.



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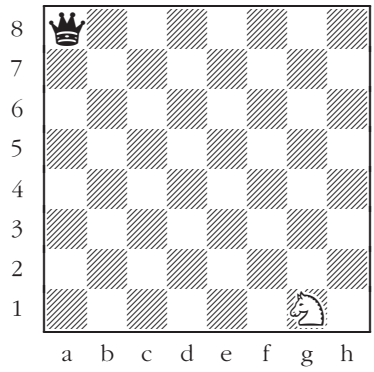

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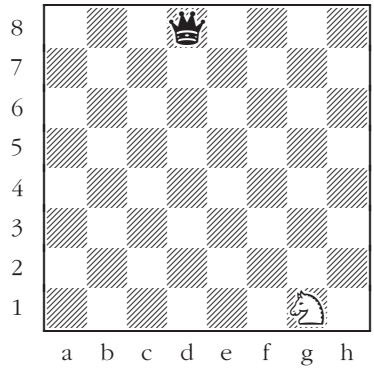

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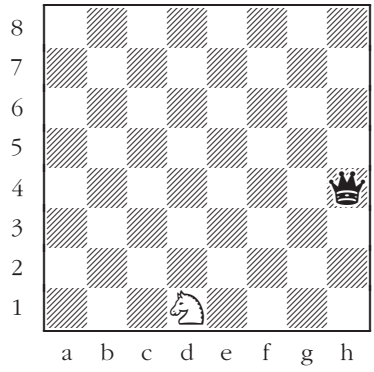

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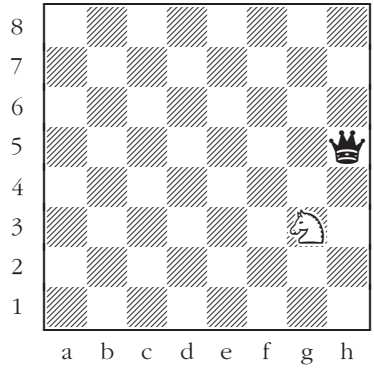

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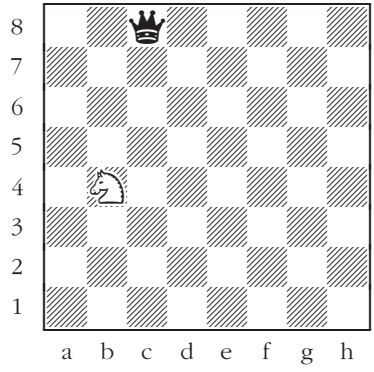
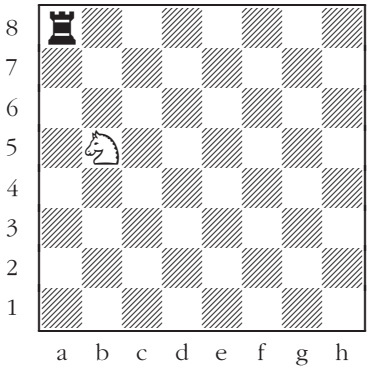


222

Knights, Queens, Rooks, and Bishops

Attacks by the knight

White to move: Attack an enemy piece with the knight.



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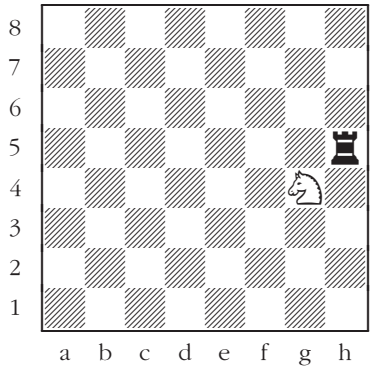

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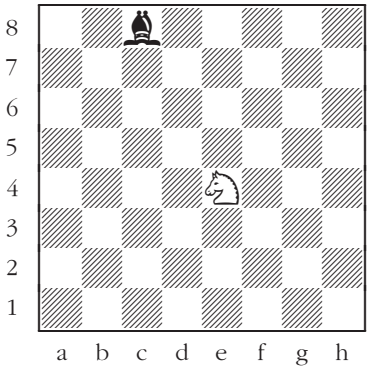

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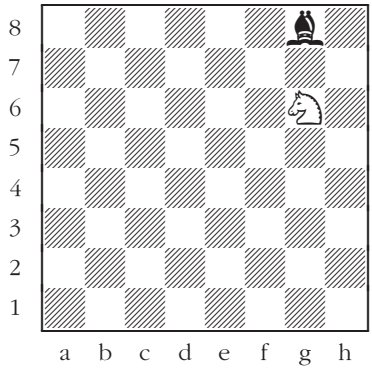

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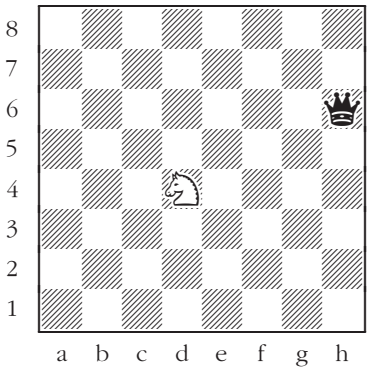

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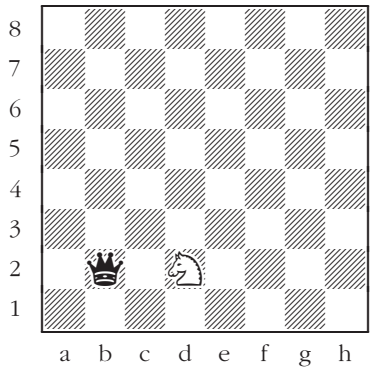
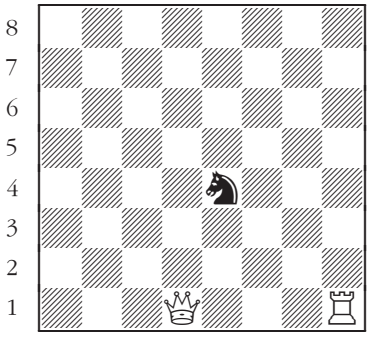


228

Knights, Queens, Rooks, and Bishops

Double attack

Black to move: Attack two white pieces with the black knight.



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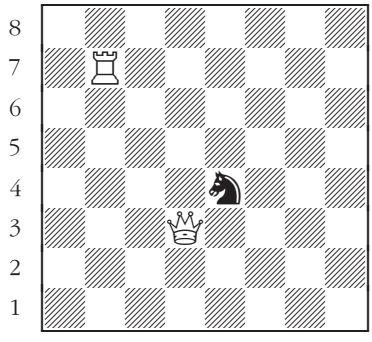

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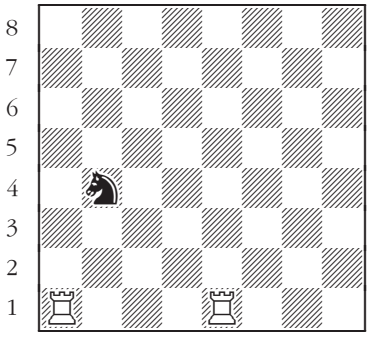

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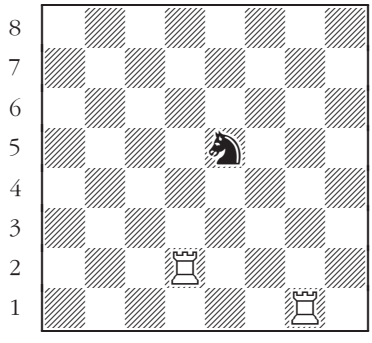

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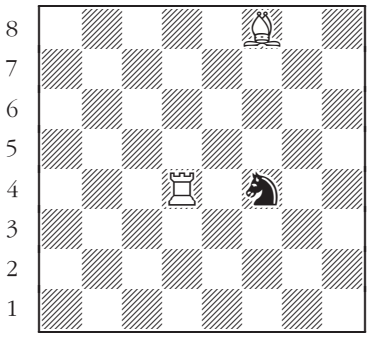

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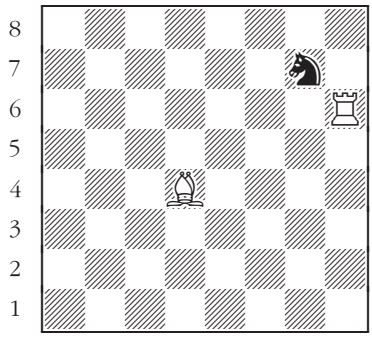
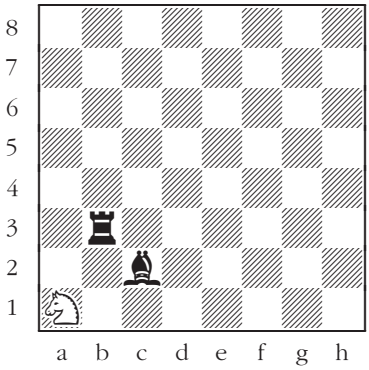


234

Knights, Queens, Rooks, and Bishops

Capturing an undefended piece

White to move: Take an undefended piece with the knight.



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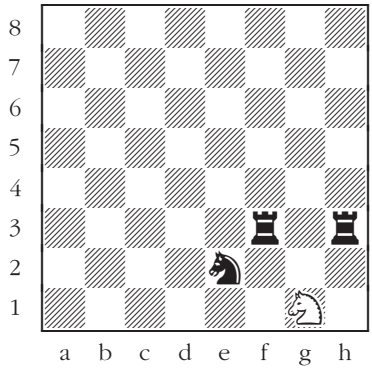

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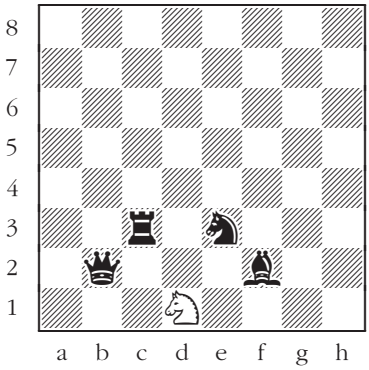

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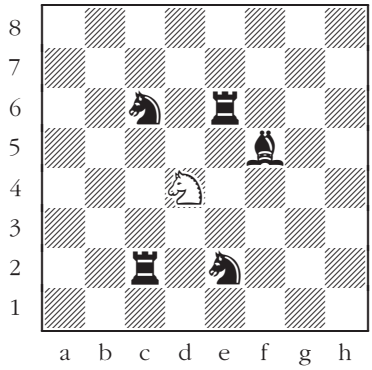

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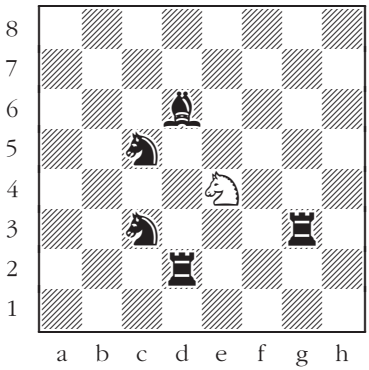

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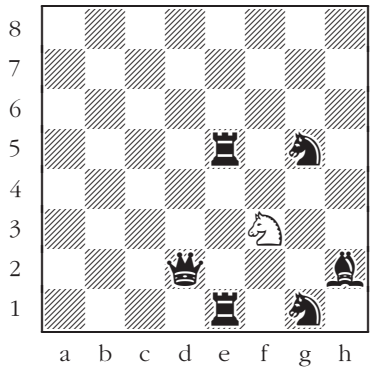
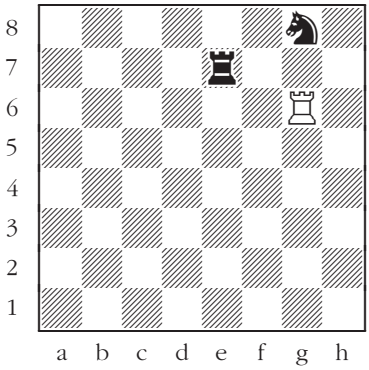


240

Knights, Queens, Rooks, and Bishops

Defending

Black to move: How to save the piece?



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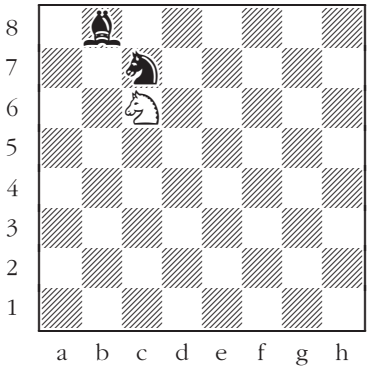

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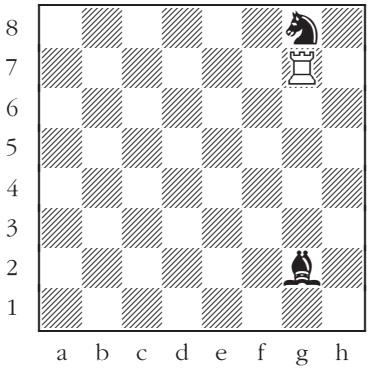

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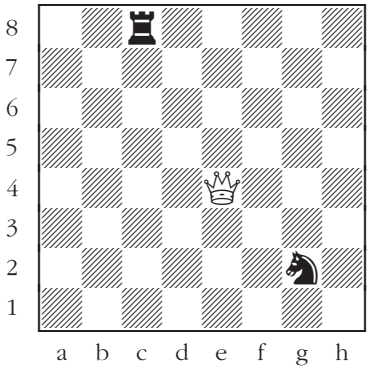

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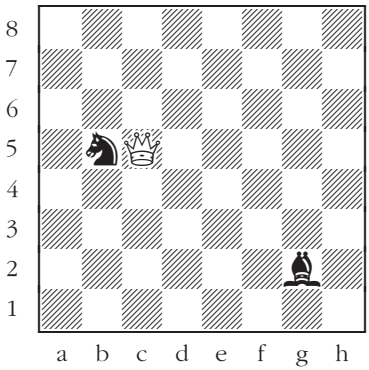

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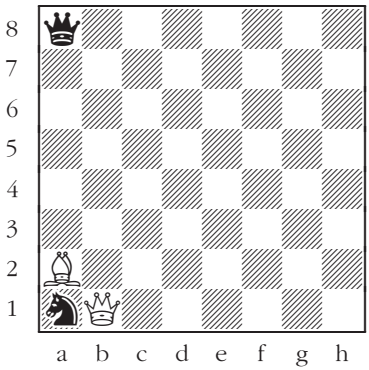
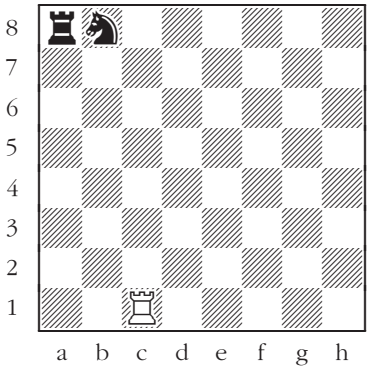


246

Knights, Queens, Rooks, and Bishops

The pin

White to move: Win a piece.



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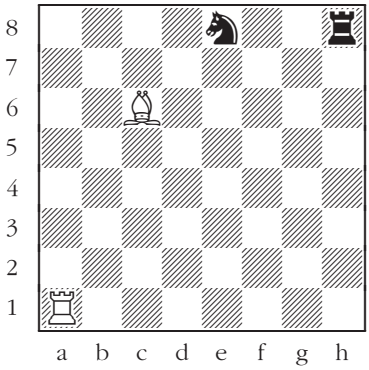

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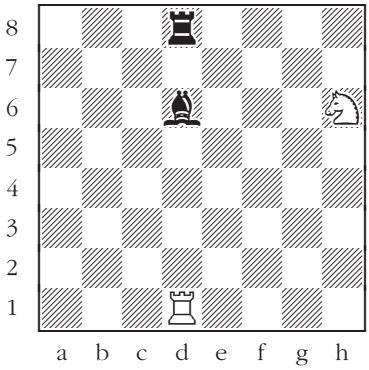

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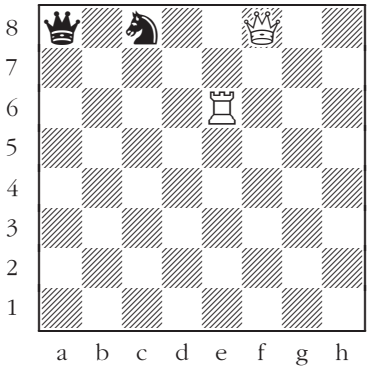

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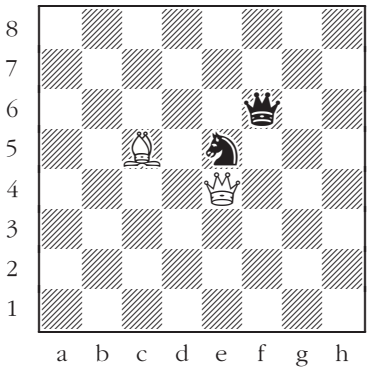

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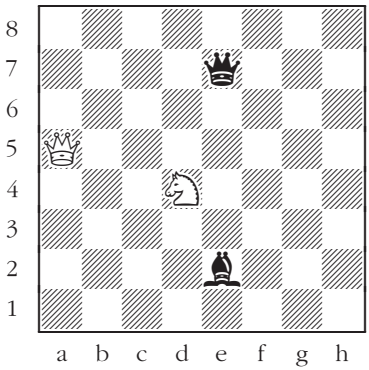
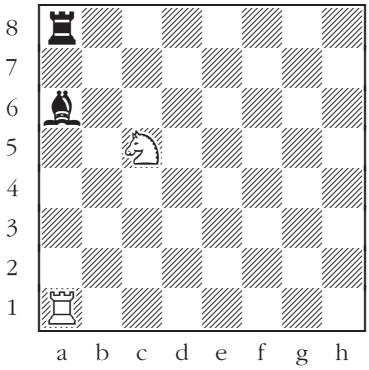


252

Knights, Queens, Rooks, and Bishops

Escapes

Black to move: Find the best chance.



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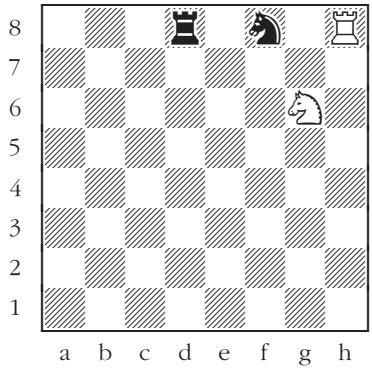

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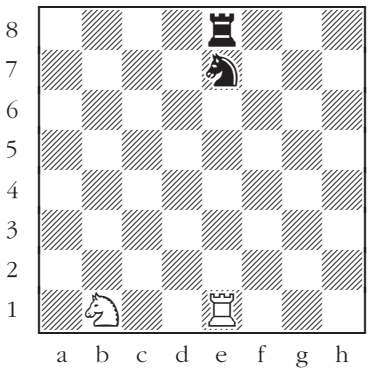

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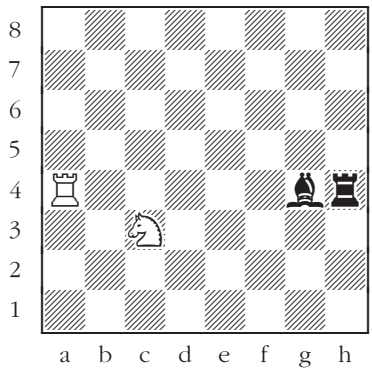

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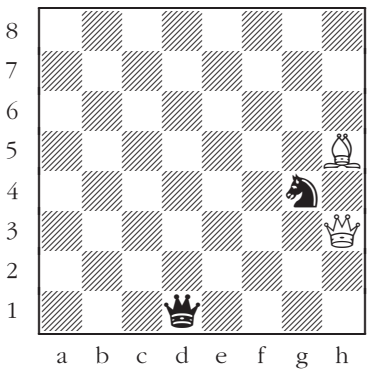

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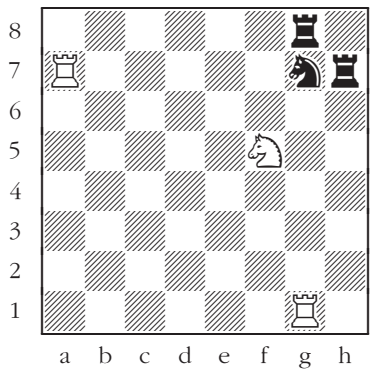

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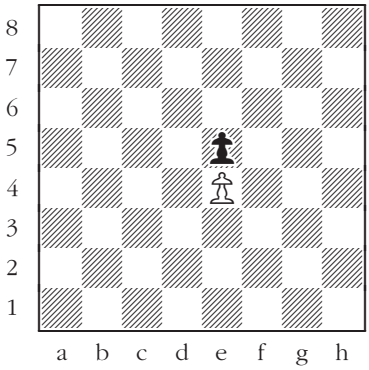
The Pawn

Capturing

White to move: Can the black pawn be taken?



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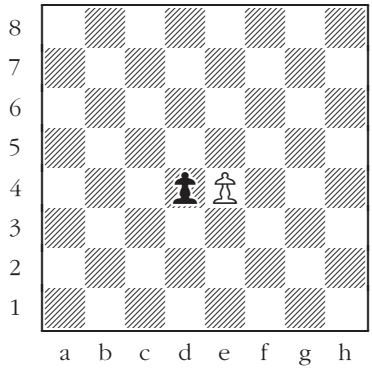

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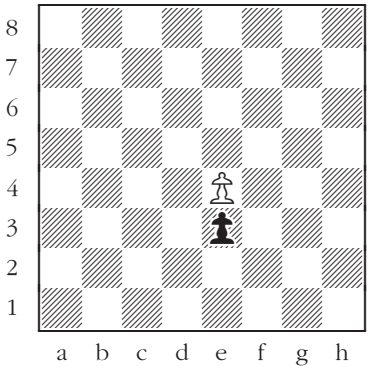

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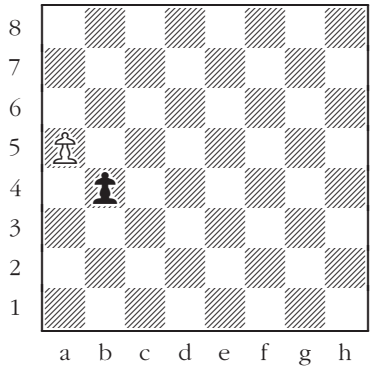

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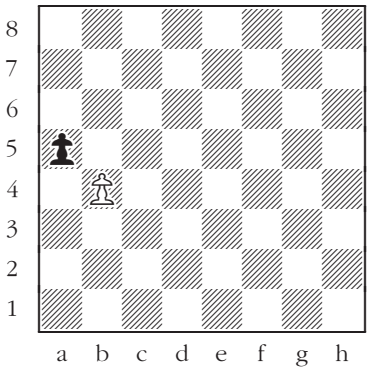

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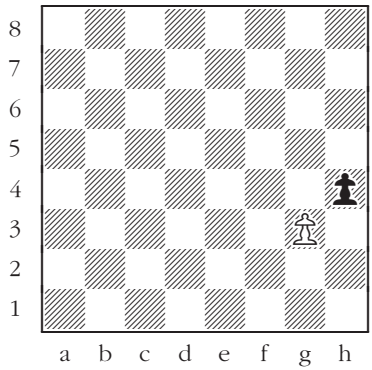
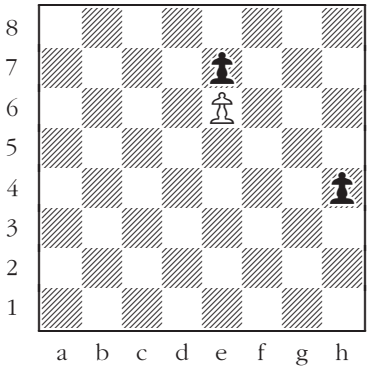


264

The Pawn

The only move

Black to move: There is only one possibility.



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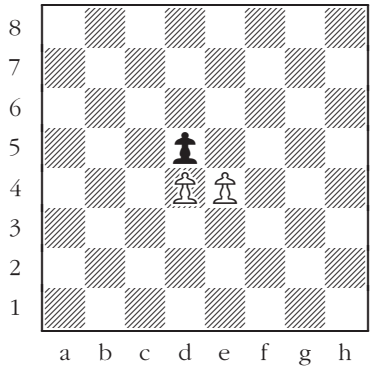

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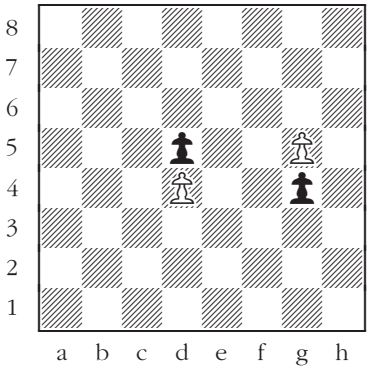

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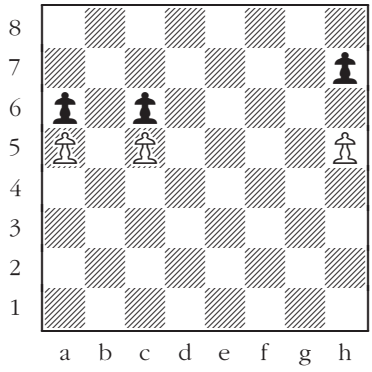

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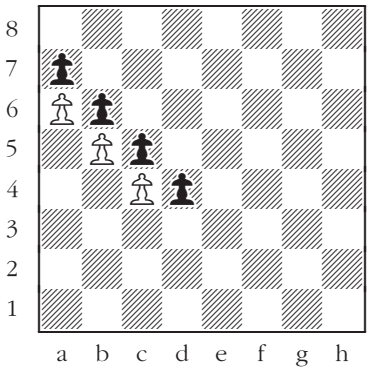

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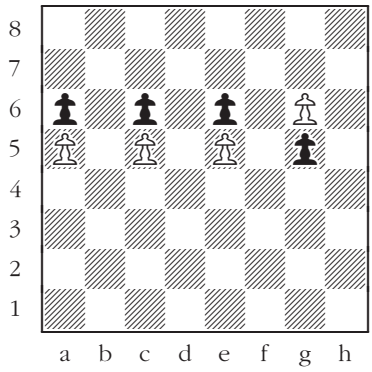
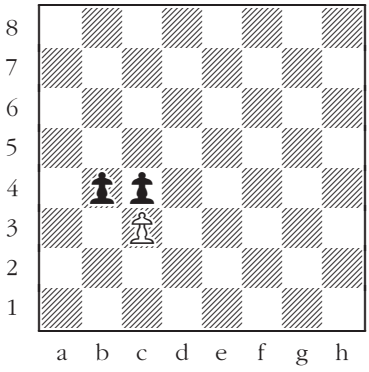


270

The Pawn

Captures

White to move: Which pawn can be taken?



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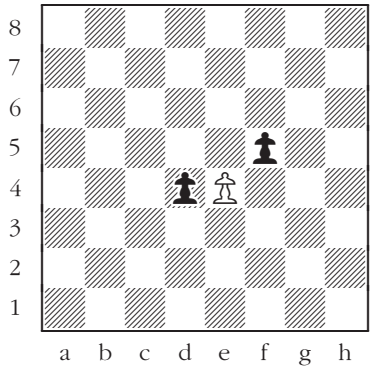

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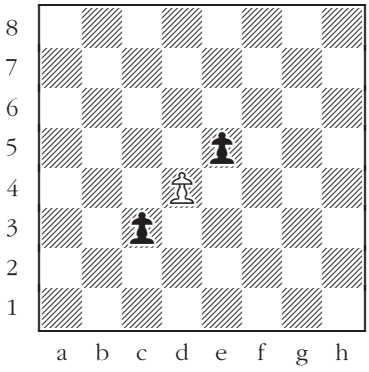

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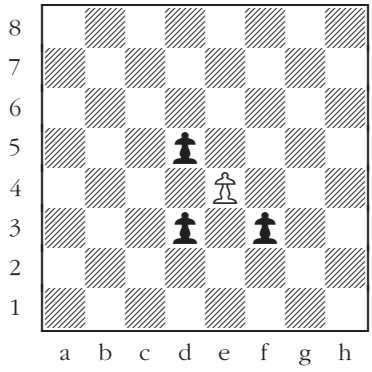

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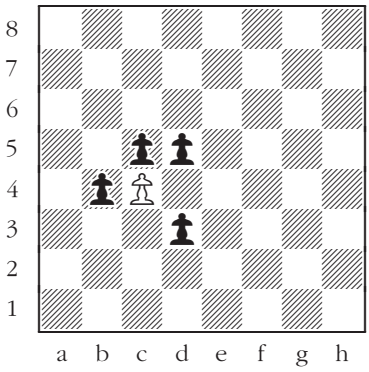

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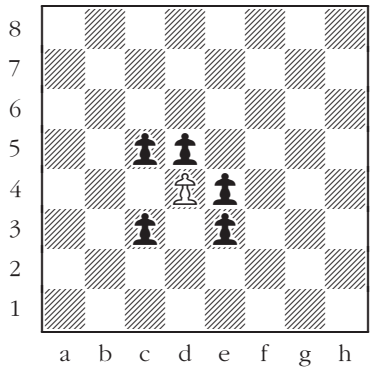
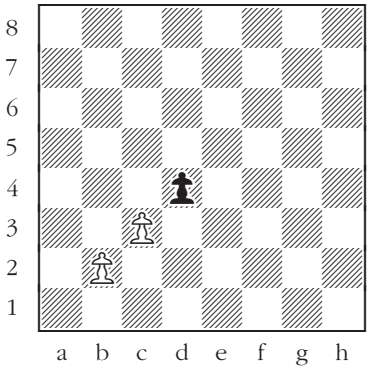


276

The Pawn

To take or not to take?

Black to move: Should Black take White's pawn?



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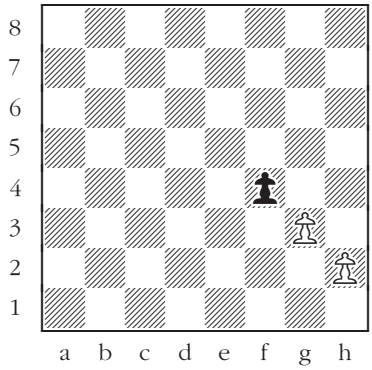

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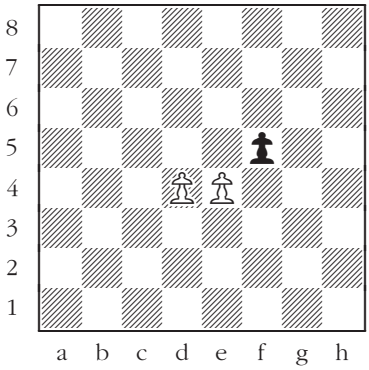

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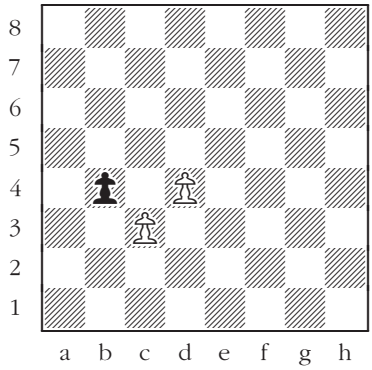

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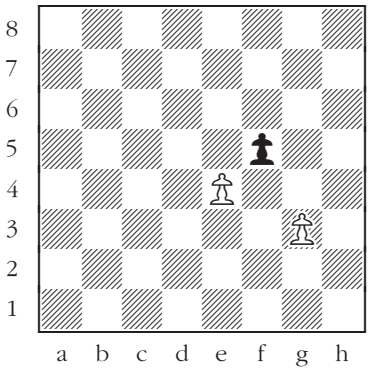

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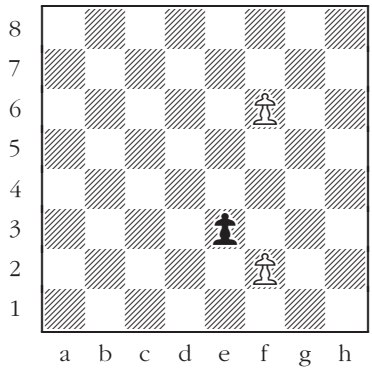
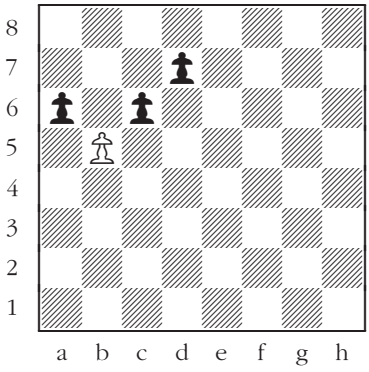


282

The Pawn

The best capture

White to move: Which pawn is better to take?



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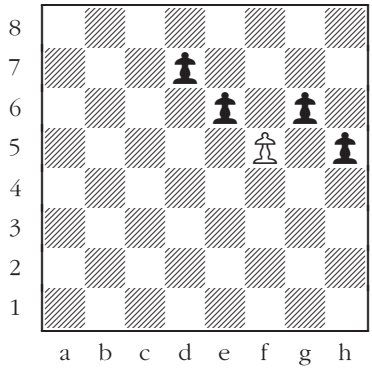

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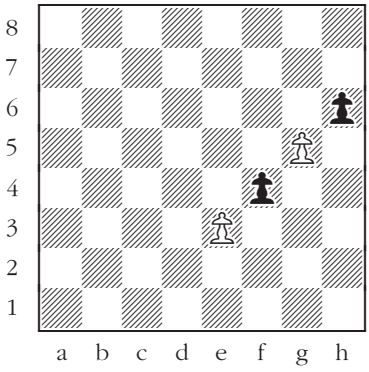

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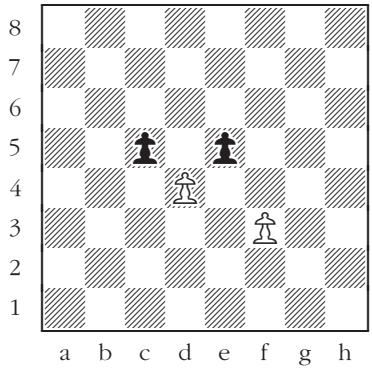

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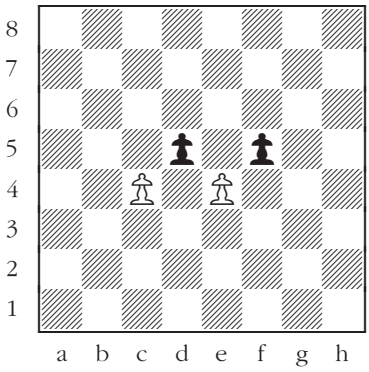

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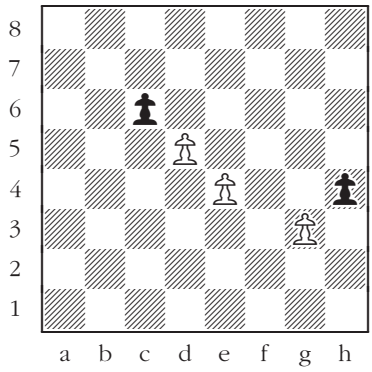
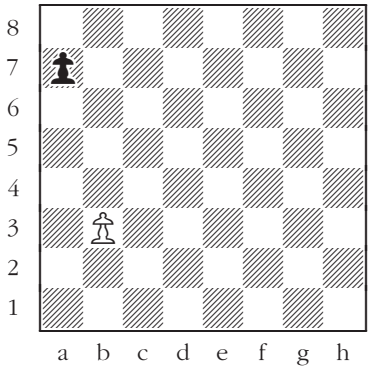


288

The Pawn

Restricting mobility

Black to move: Find the best opportunity.



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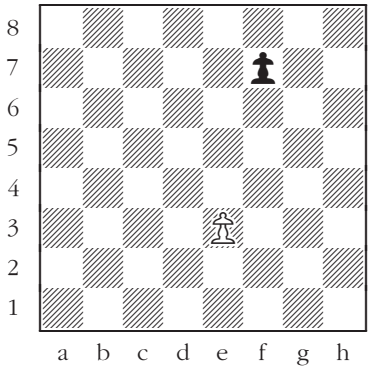

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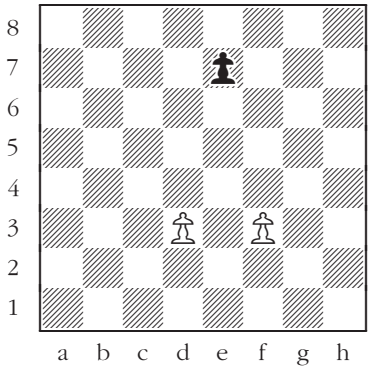

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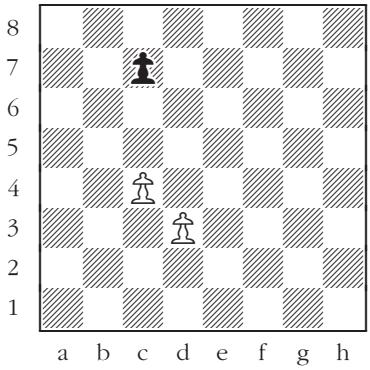

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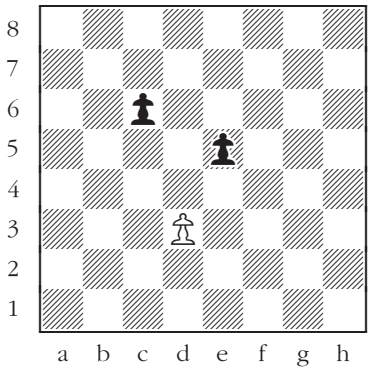

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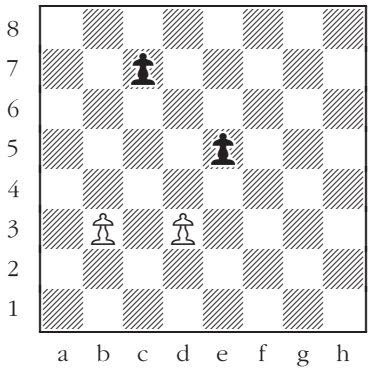
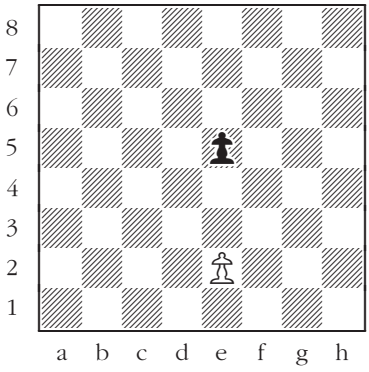


294

The Pawn

The blockade

White to move: How to prevent Black from making a move in reply?



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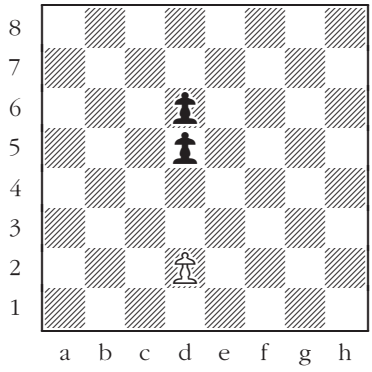

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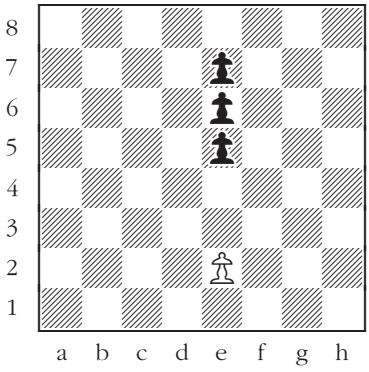

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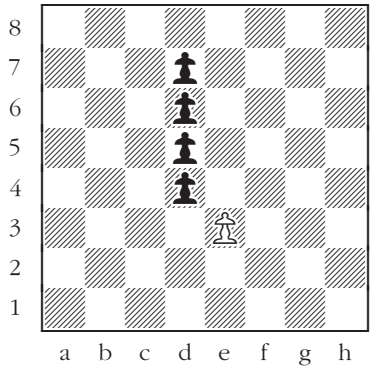

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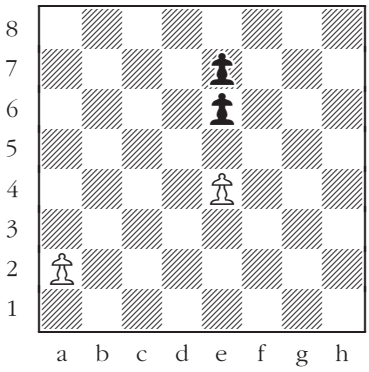

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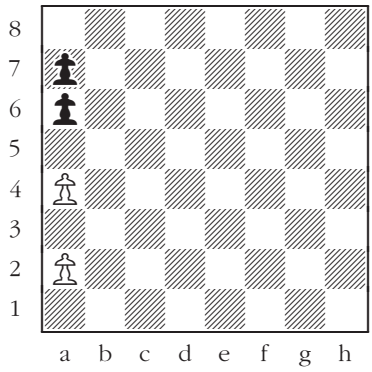
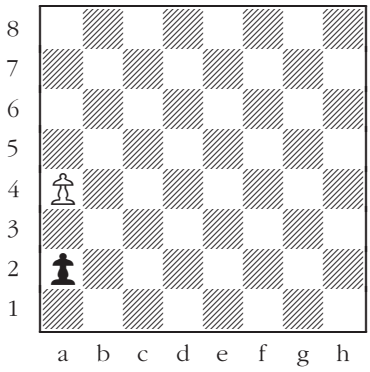


300

The Pawn

Pawn promotion

Black to move: Which piece should the black pawn be promoted to, so that the white pawn is under attack?



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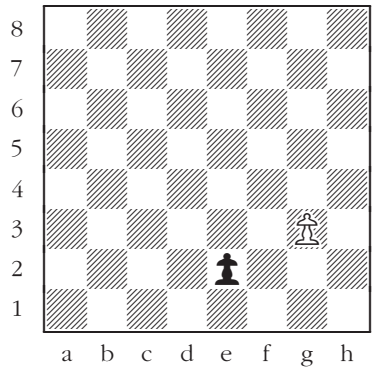

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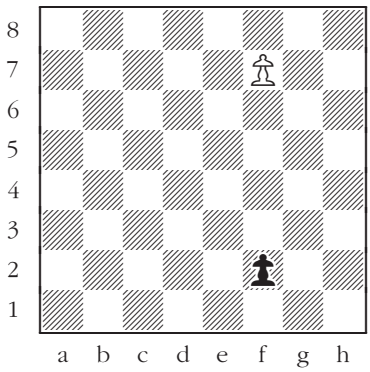

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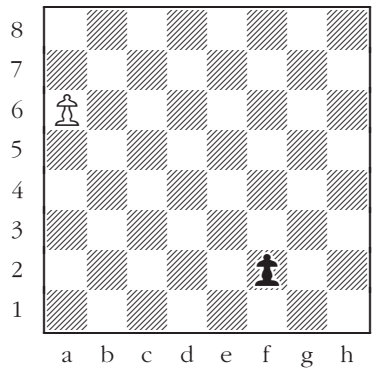

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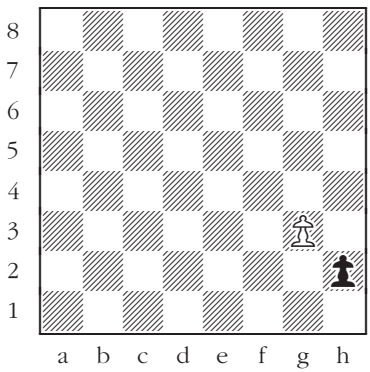

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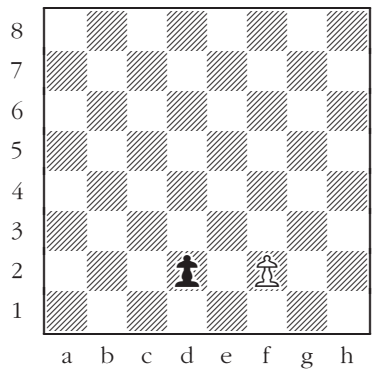
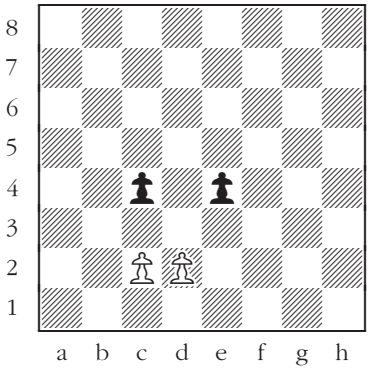


306

The Pawn

The breakthrough

Black to move: Which maneuver allows one of the black pawns to promote to a queen first?



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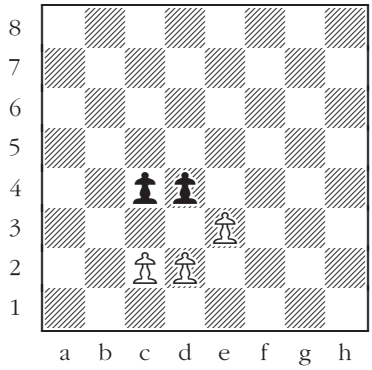

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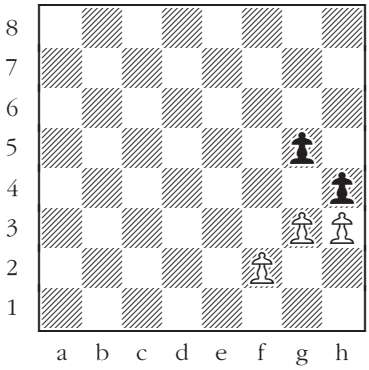

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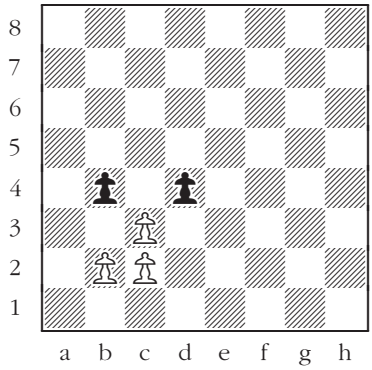

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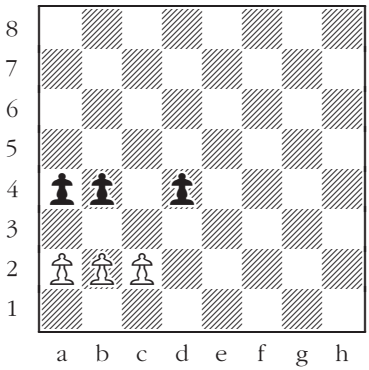

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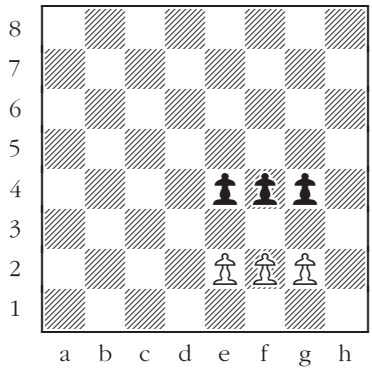
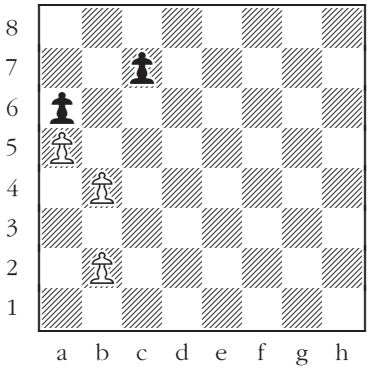


312

The Pawn

The breakthrough

White to move: Which maneuver allows one of the white pawns to promote to a queen first?



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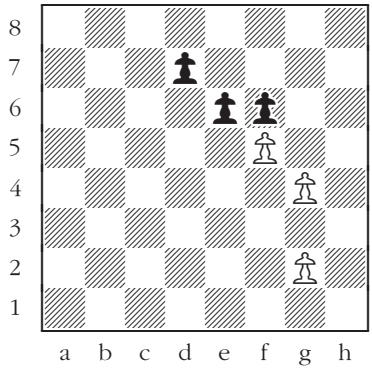

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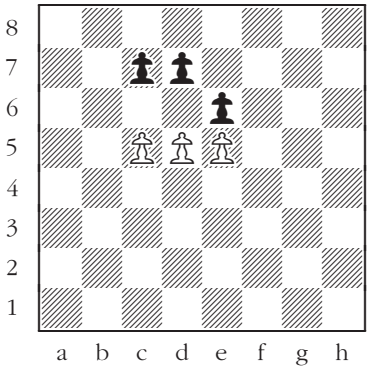

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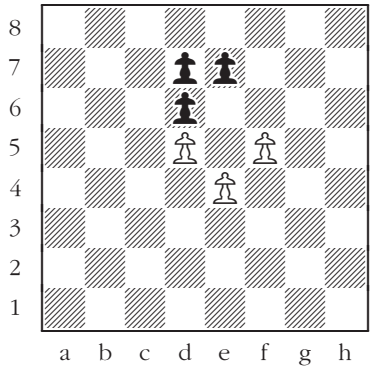

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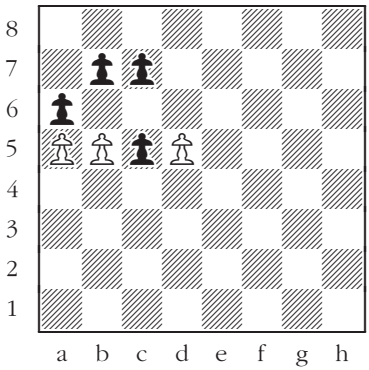

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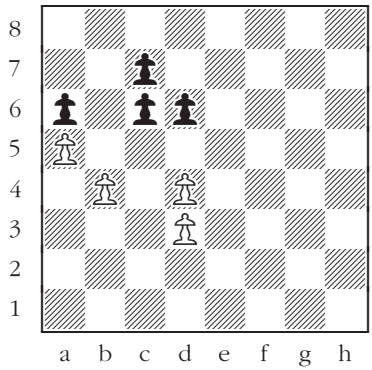
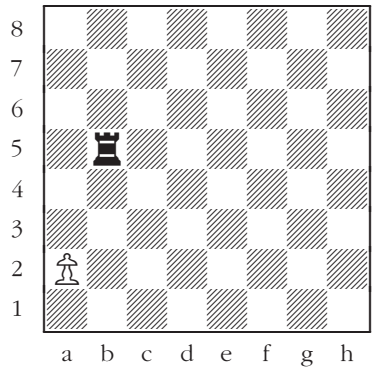


318

Pawns, Knights, Queens, Rooks, and Bishops

Attacking

White to move: Attack a black piece with a pawn.



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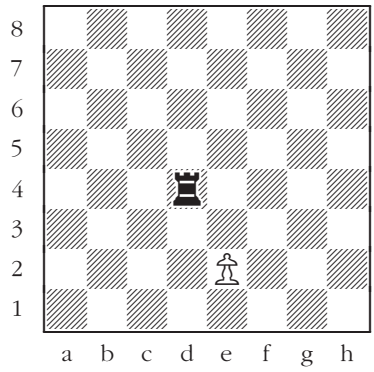

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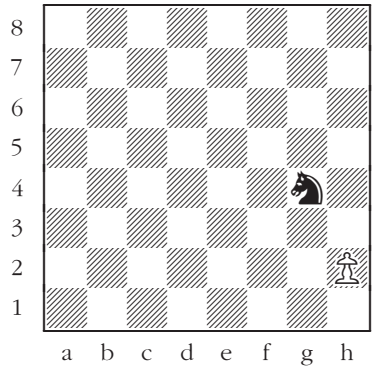

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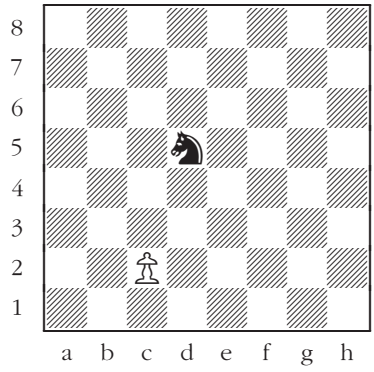

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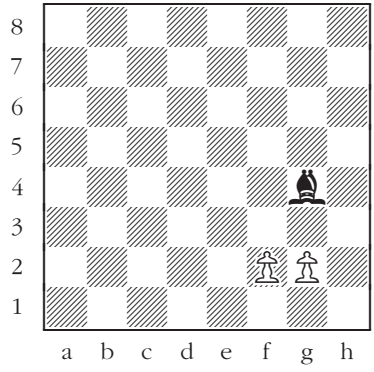

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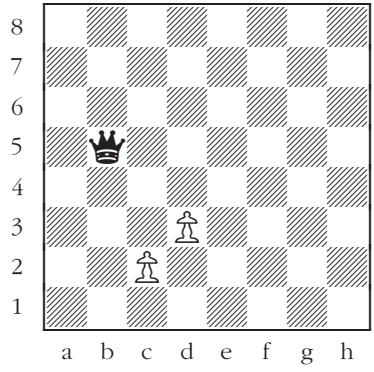
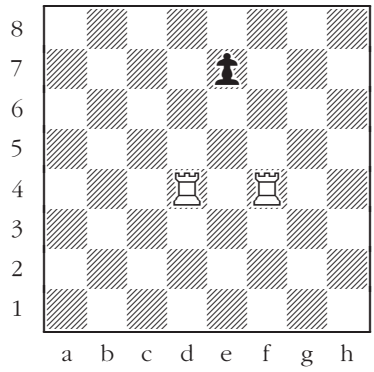


324

Pawns, Knights, Queens, Rooks, and Bishops

Double attack

Black to move: Attack two white pieces with a pawn.



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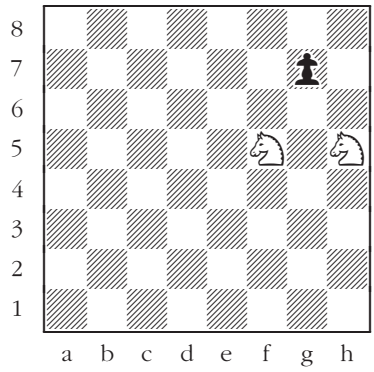

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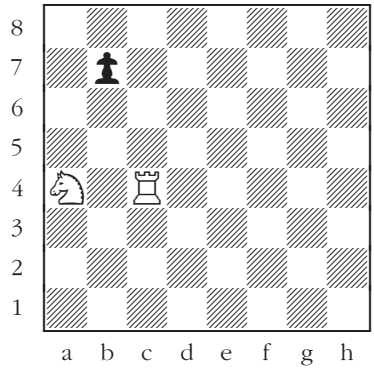

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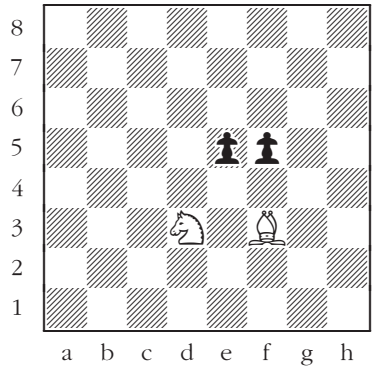

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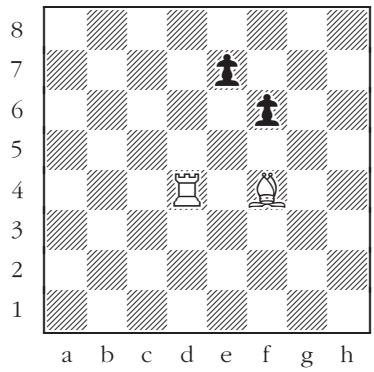

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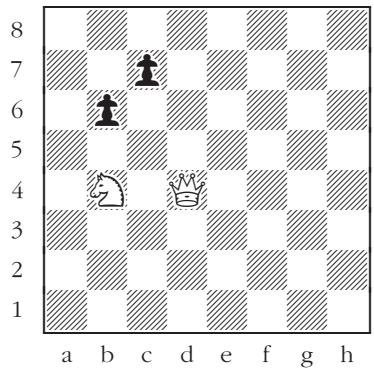

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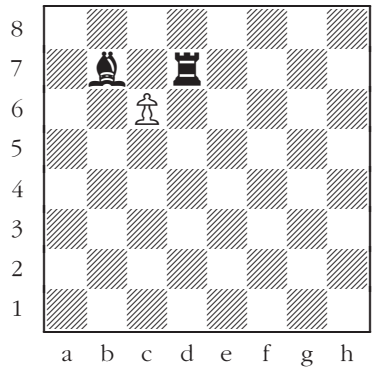
Pawns, Knights, Queens, Rooks, and Bishops

Capturing an undefended piece

White to move: Take an undefended piece.



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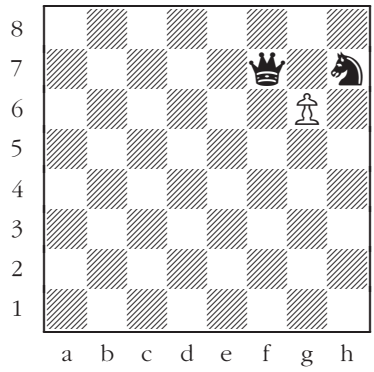

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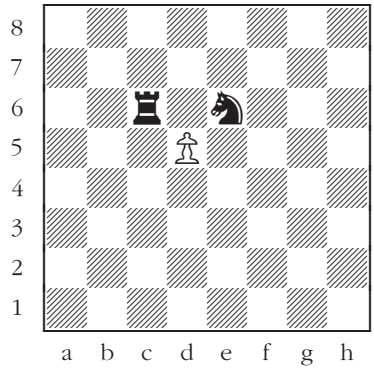

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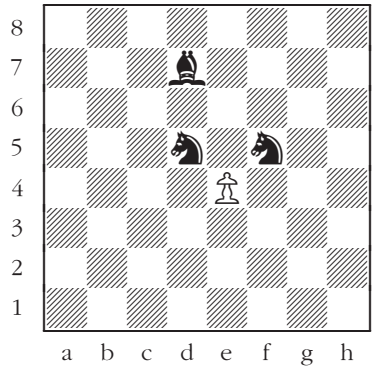

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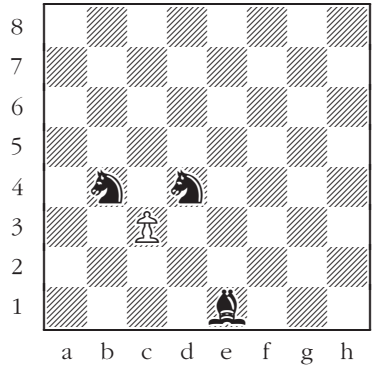

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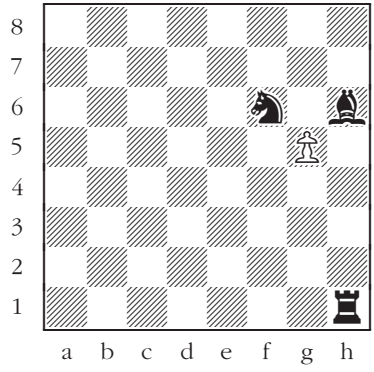
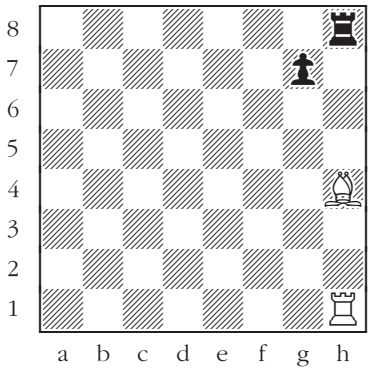


336

Pawns, Knights, Queens, Rooks, and Bishops

The pin

Black to move: Win a piece.



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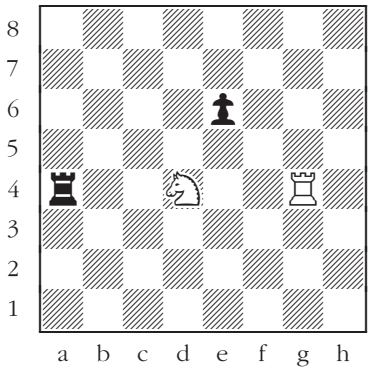

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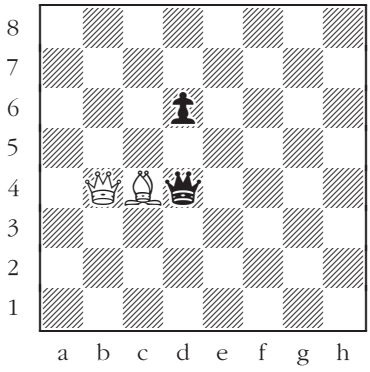

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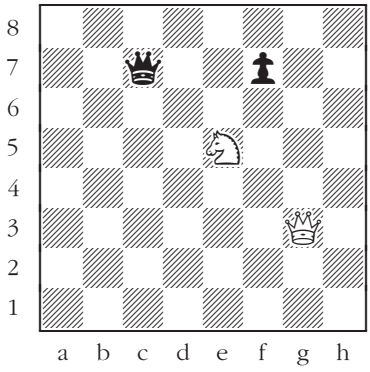

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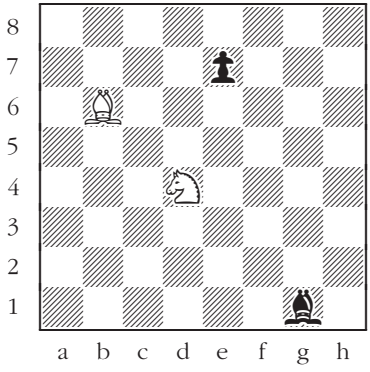

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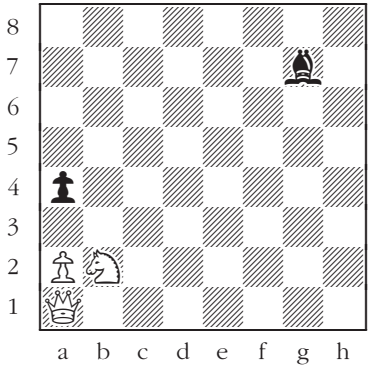
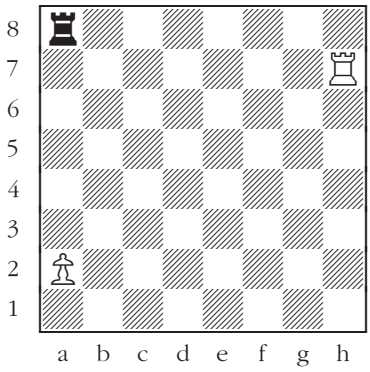


342

Pawns, Knights, Queens, Rooks, and Bishops

Defending

White to move: Defend a pawn or a piece that is under attack.



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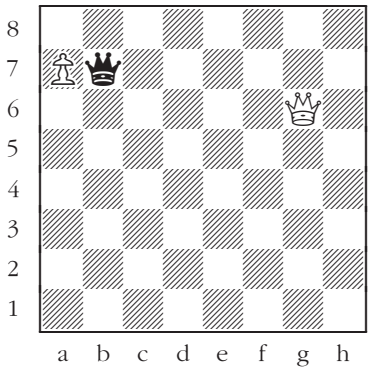

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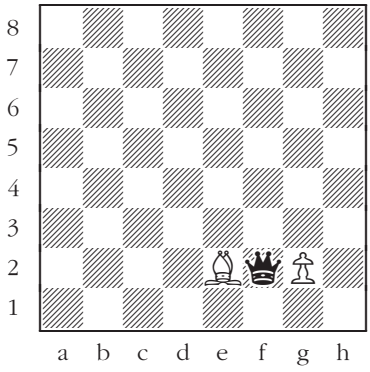

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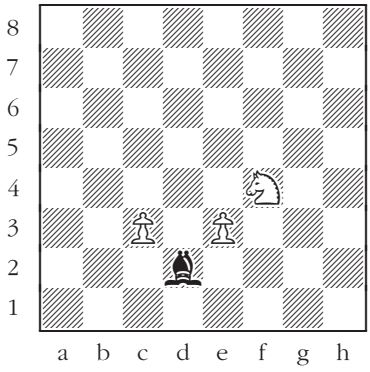

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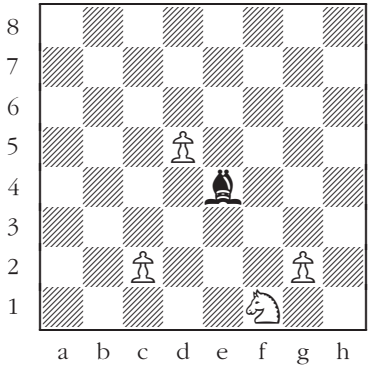

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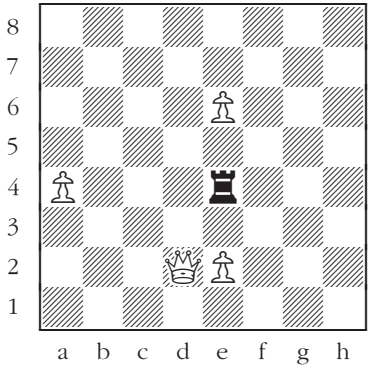
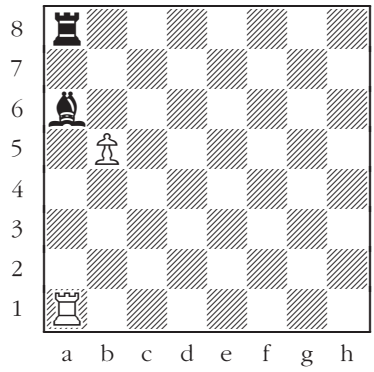


348

Pawns, Knights, Queens, Rooks, and Bishops

Escapes

Black to move: Save a pawn or a piece.



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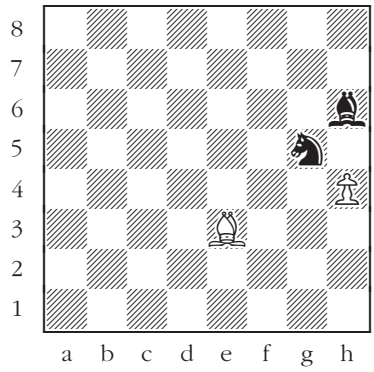

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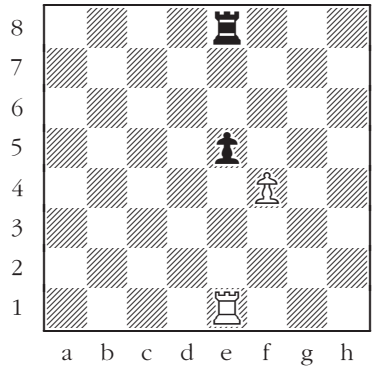

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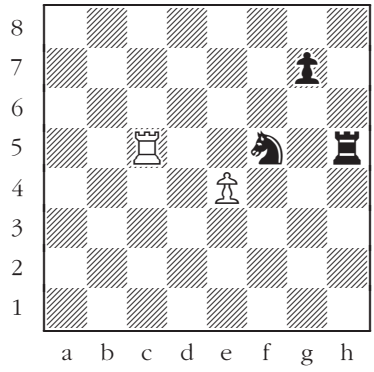

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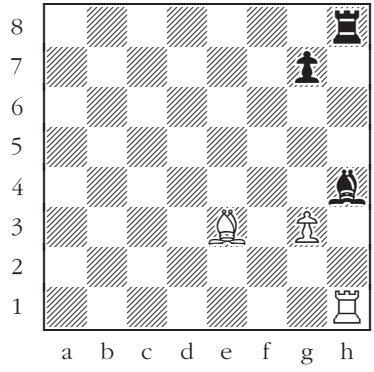

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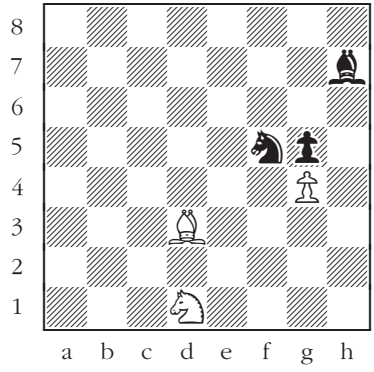

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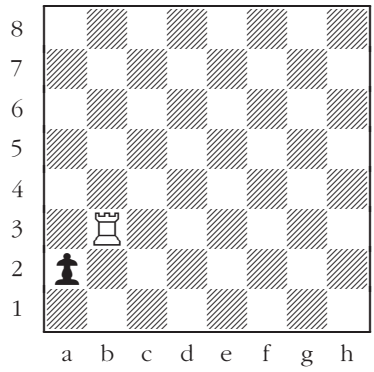
Pawns, Knights, Queens, Rooks, and Bishops

Restricting mobility

White to move: How to stop the black pawn?



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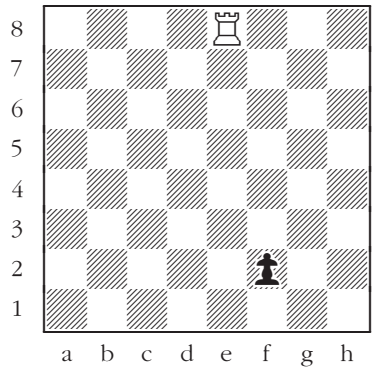

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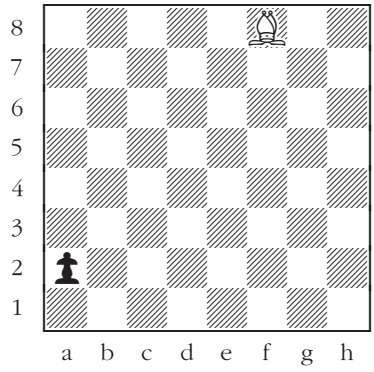

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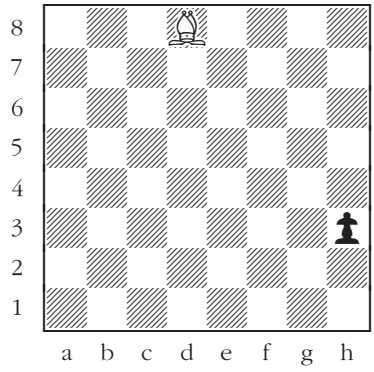

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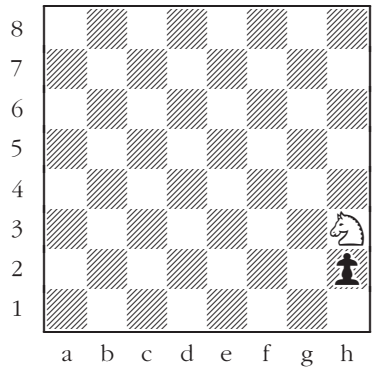

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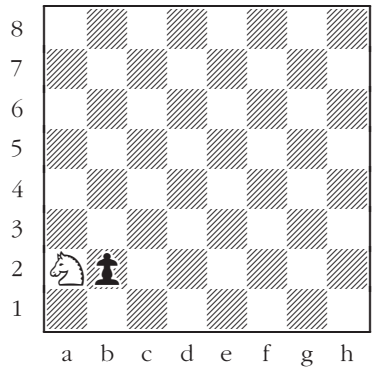

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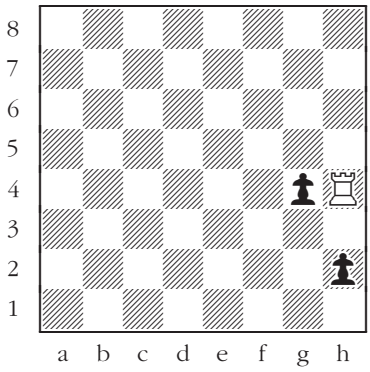
Pawns, Knights, Queens, Rooks, and Bishops

Rook against two pawns

White to move: Find the way to defeat the pawns.



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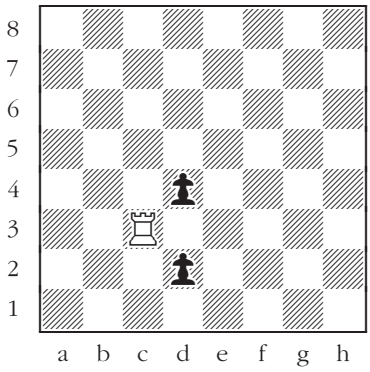

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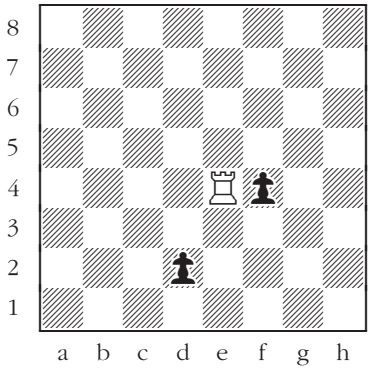

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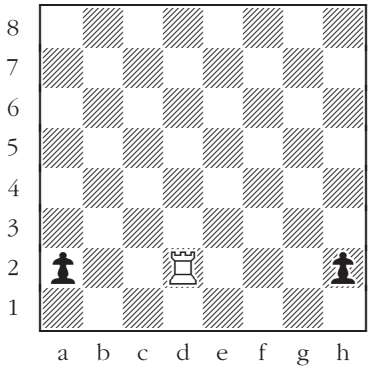

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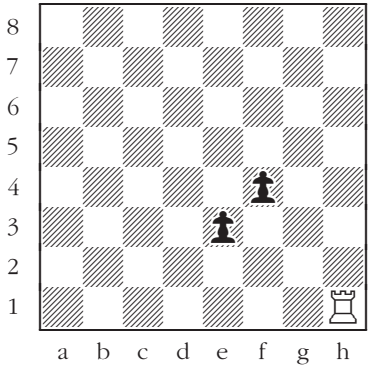

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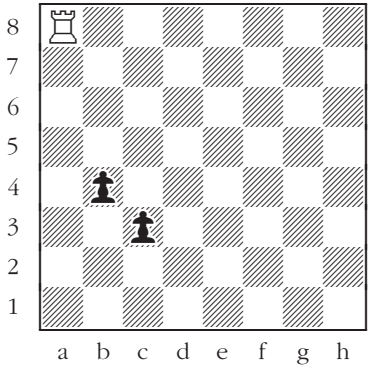

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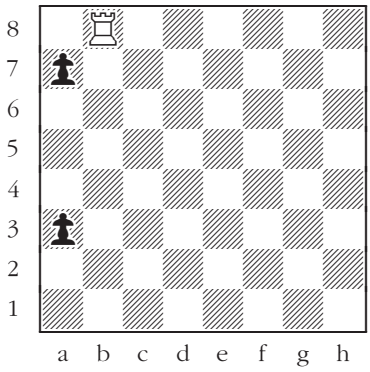
Pawns, Knights, Queens, Rooks, and Bishops

Two pawns against a rook

Black to move: Promote at least one of the pawns to a queen.



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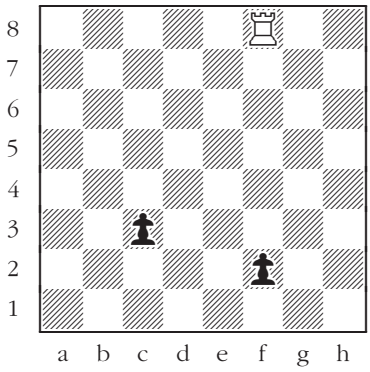

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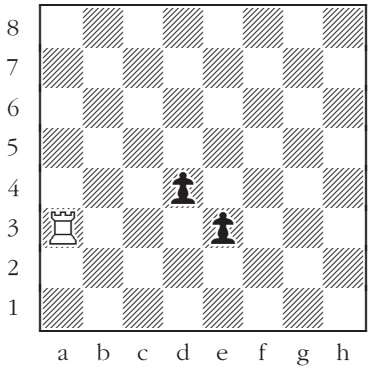

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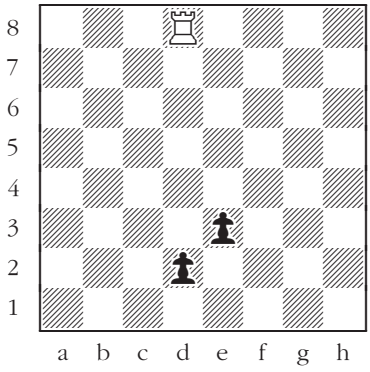

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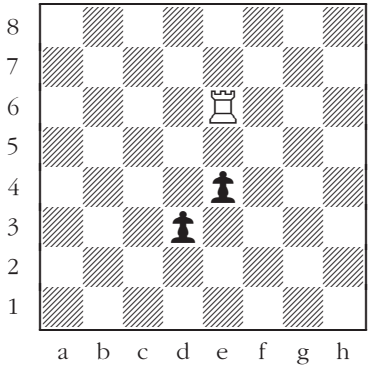

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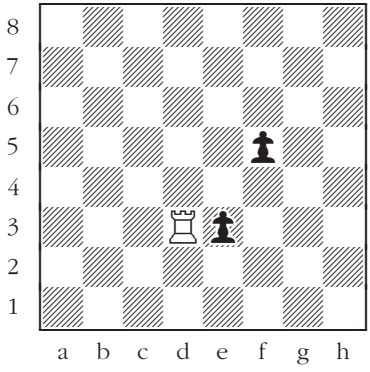
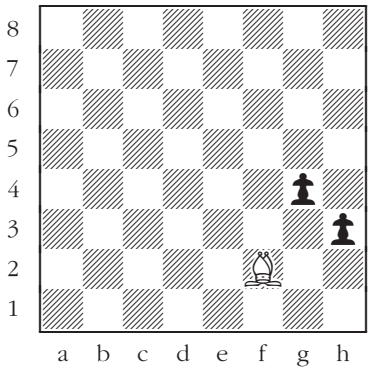


372

Pawns, Knights, Queens, Rooks, and Bishops

Bishop against two pawns

White to move: Find the path to victory.



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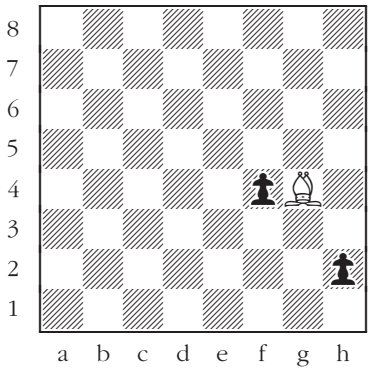

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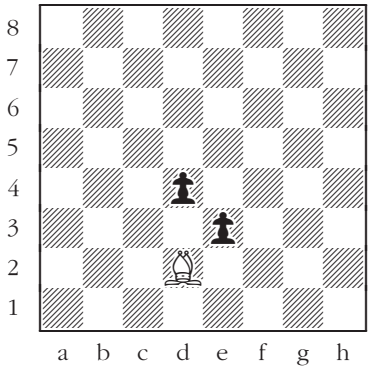

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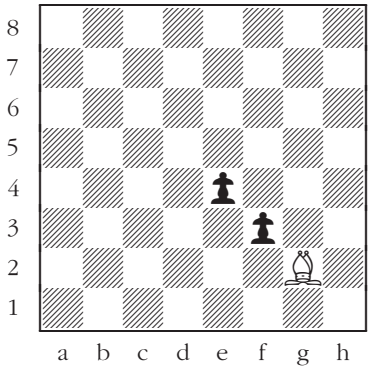

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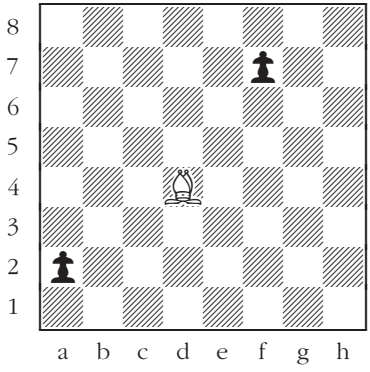

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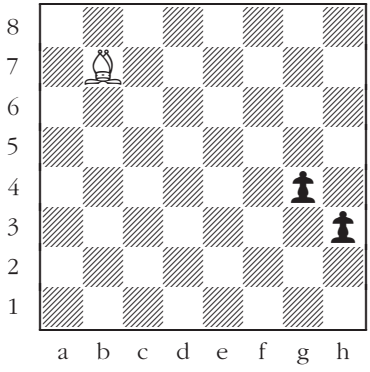
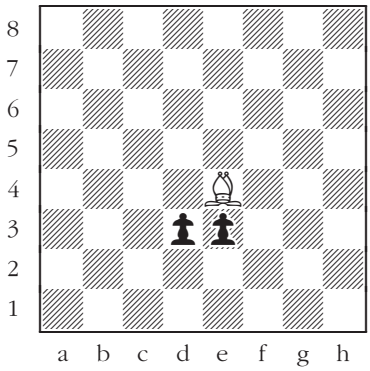


378

Pawns, Knights, Queens, Rooks, and Bishops

Two pawns against a bishop

Black to move: Promote at least one of the pawns to a queen.



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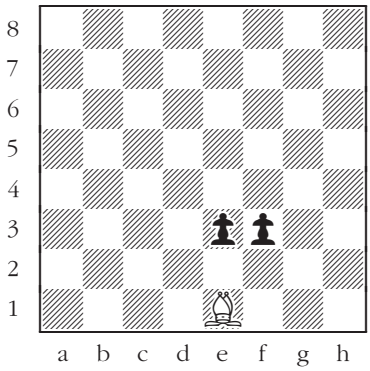

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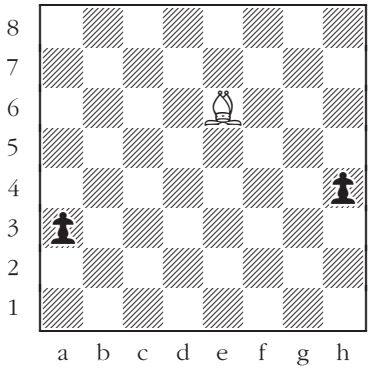

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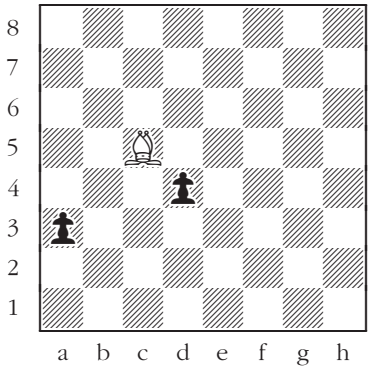

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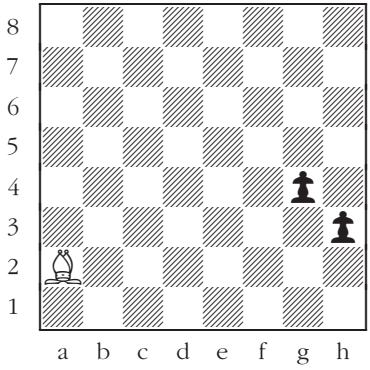

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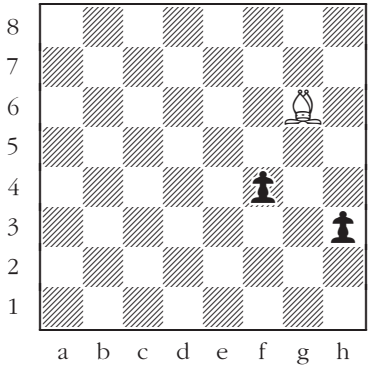
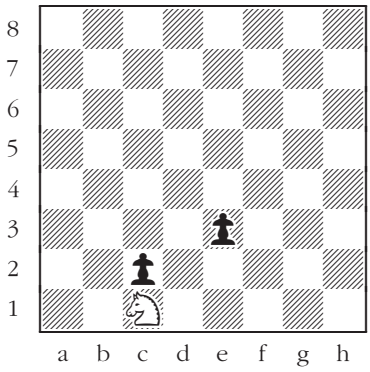


384

Pawns, Knights, Queens, Rooks, and Bishops

Knight against two pawns

White to move: Find the path to victory.



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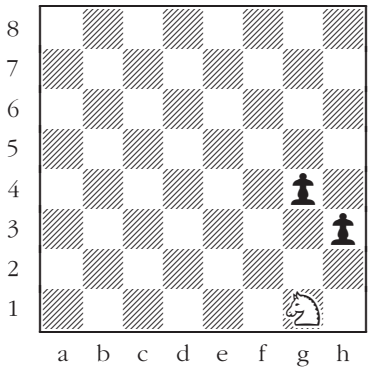

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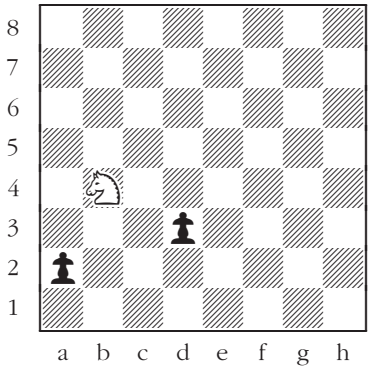

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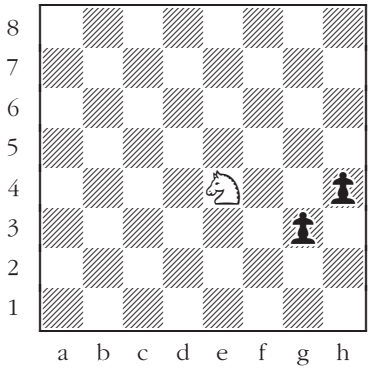

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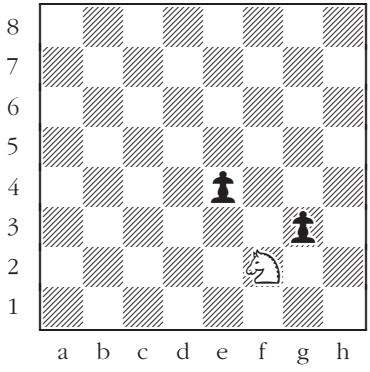

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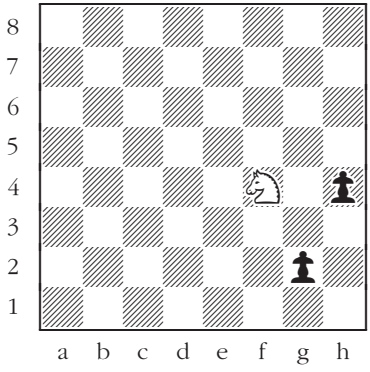
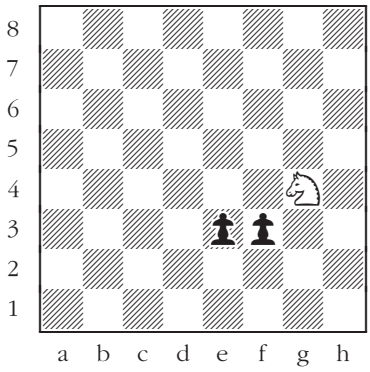


390

Pawns, Knights, Queens, Rooks, and Bishops

Two pawns against a knight

Black to move: Promote at least one of the pawns to a queen, or trap the knight.



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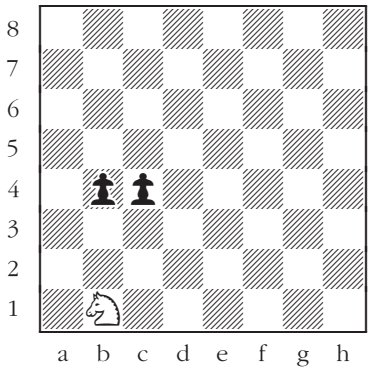

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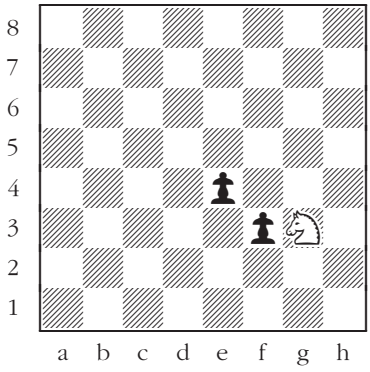

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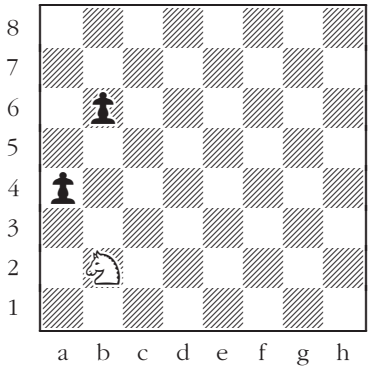

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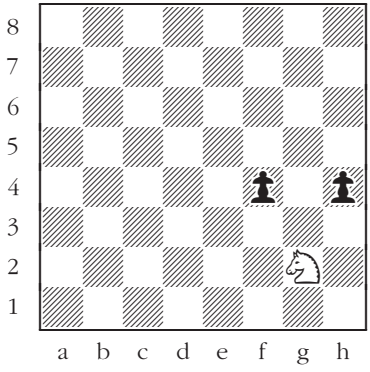

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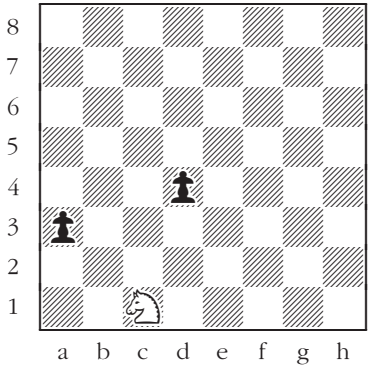
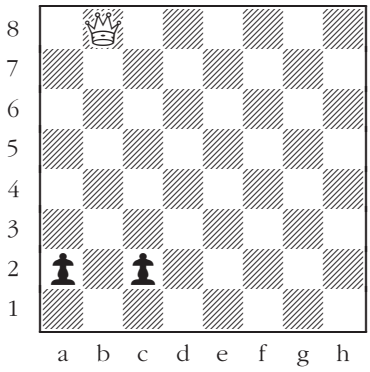


396

Pawns, Knights, Queens, Rooks, and Bishops

Queen against two pawns

White to move: Find the path to victory.



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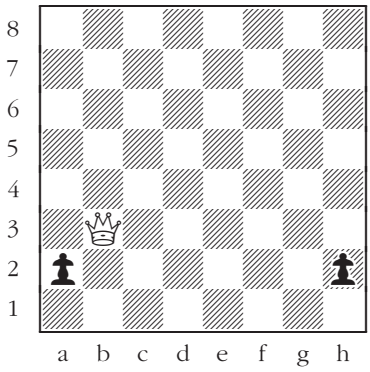

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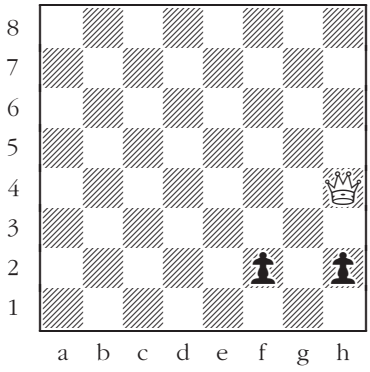

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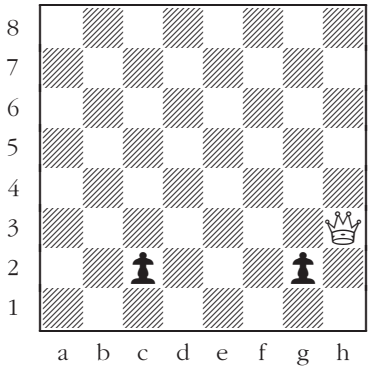

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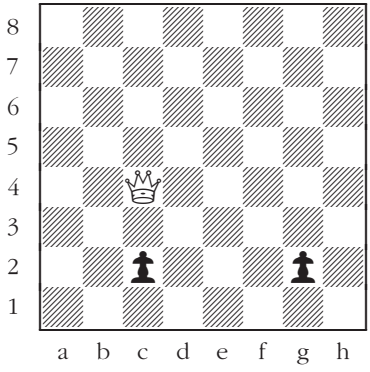

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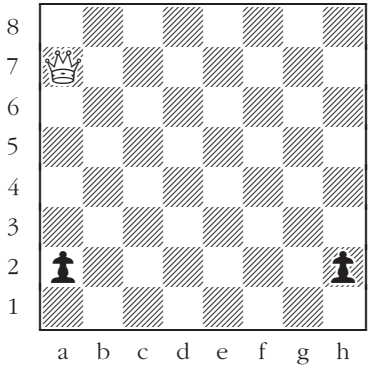
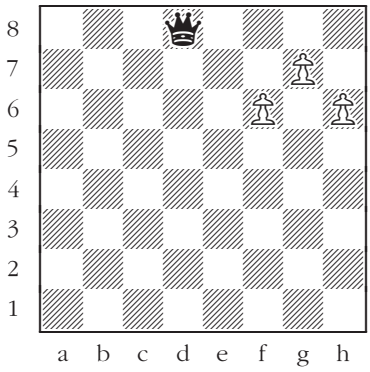


402

Pawns, Knights, Queens, Rooks, and Bishops

Queen against three pawns

Black to move: Find the path to victory.



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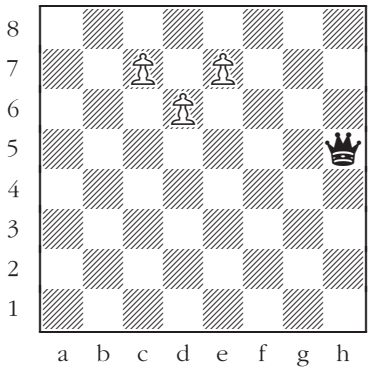

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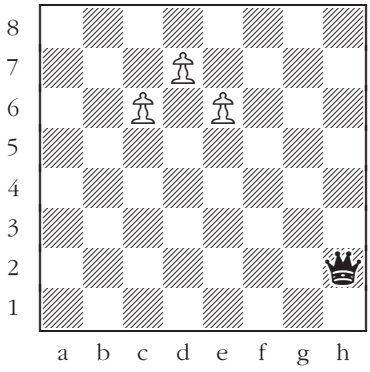

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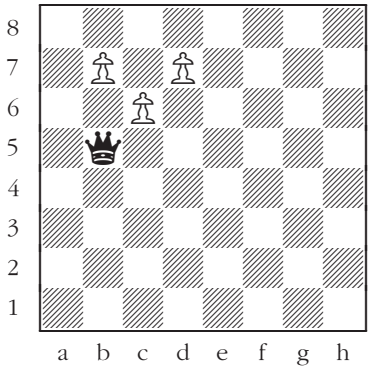

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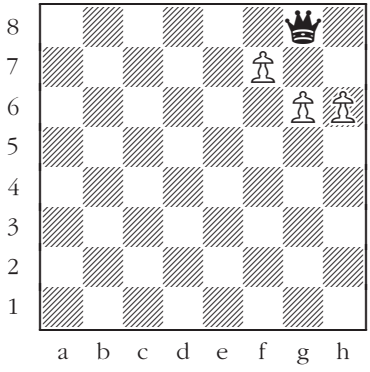

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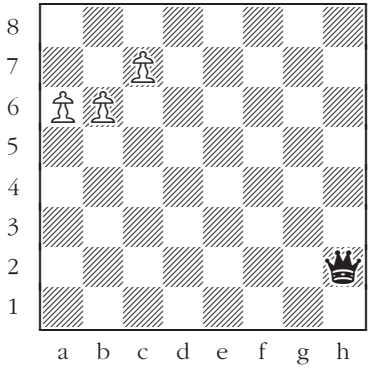
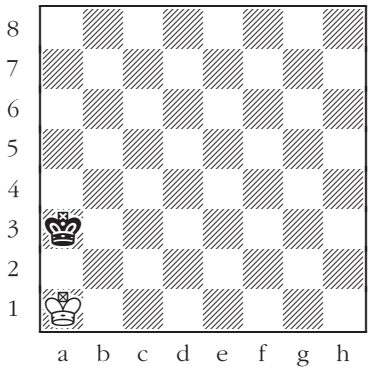


408

The King

Safe squares

White to move: Where can the white king go?
Find one or two possibilities.



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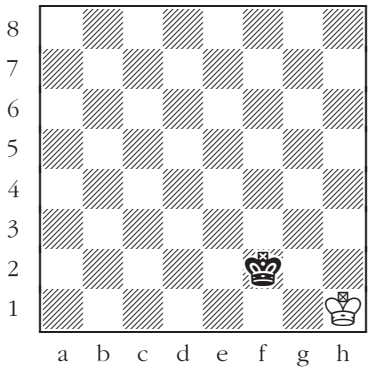

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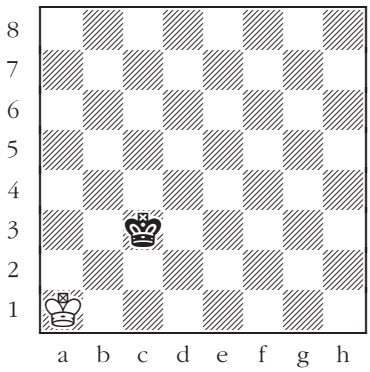

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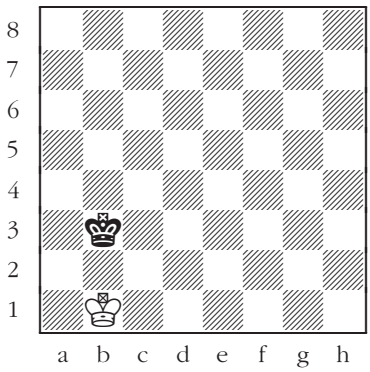

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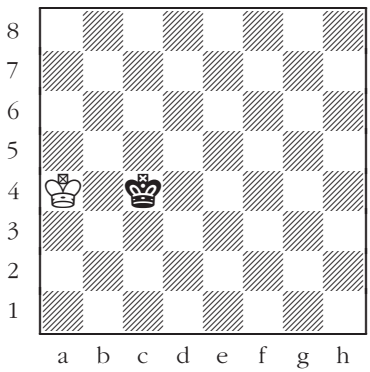

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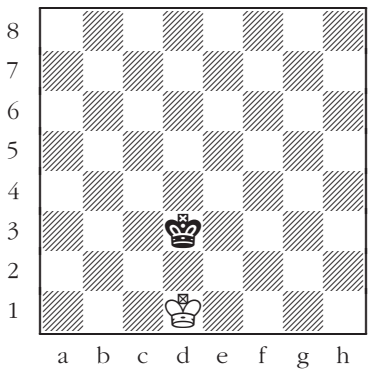
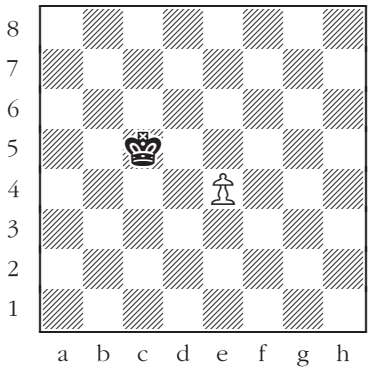


414

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Attacking

Black to move: Attack a white pawn or piece with the black king.



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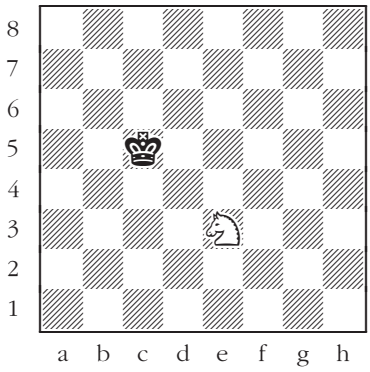

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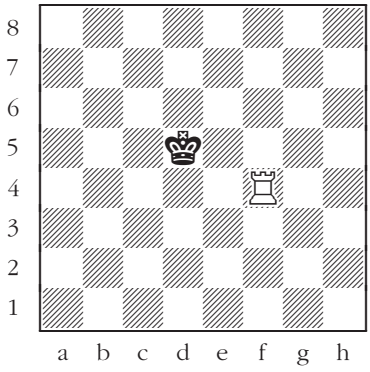

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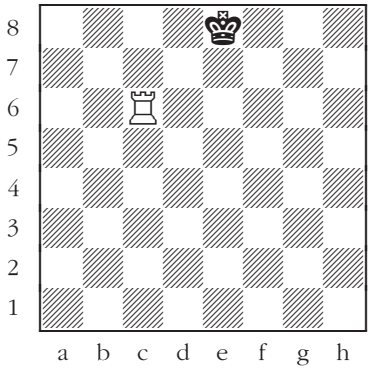

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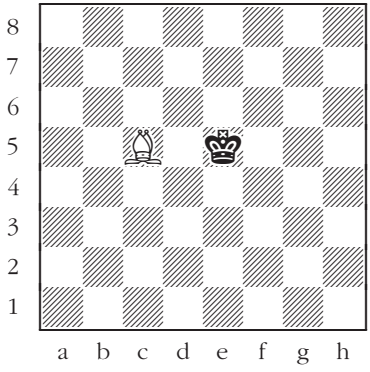

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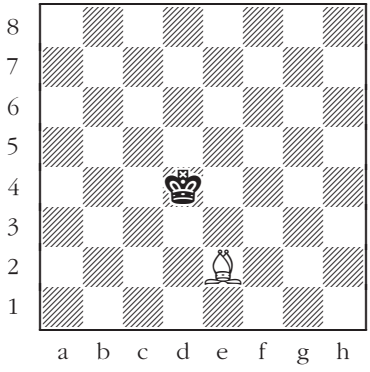
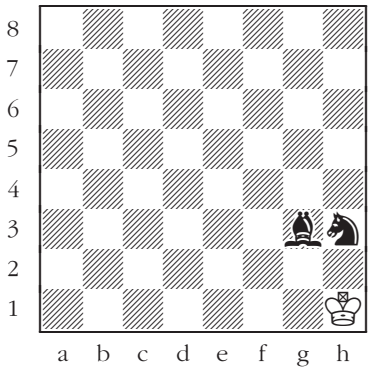


420

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Double attack

White to move: Attack two black pieces or pawns with the king.



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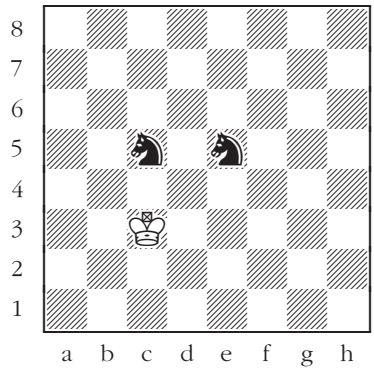

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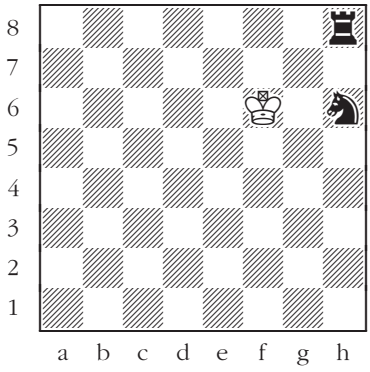

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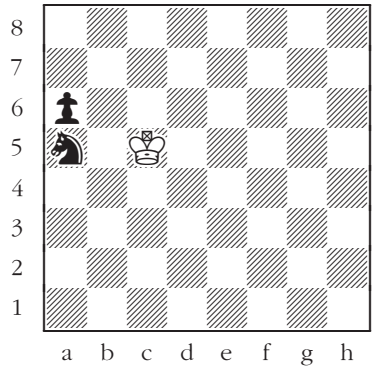

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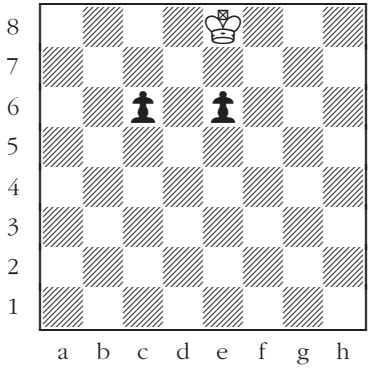

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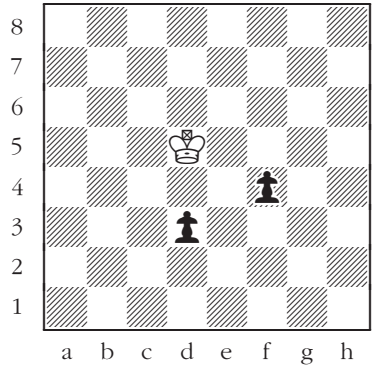
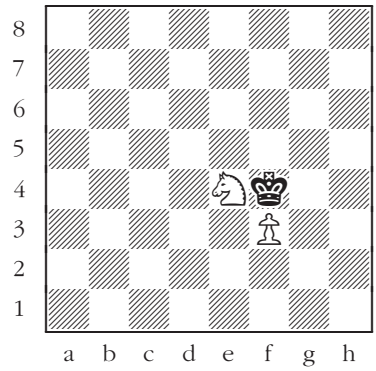


426

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Capturing an undefended piece

Black to move: Which piece or pawn can be taken?



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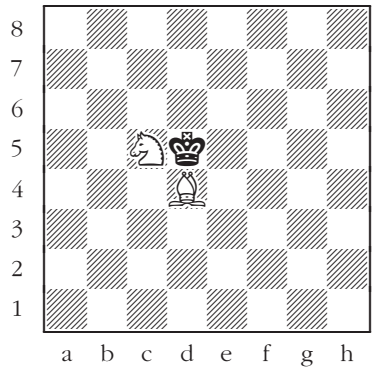

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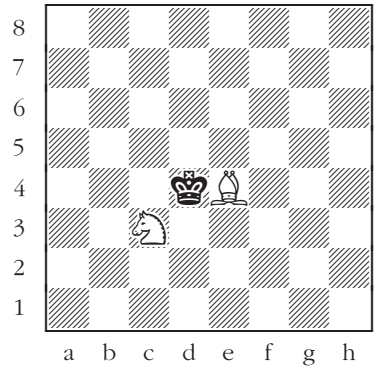

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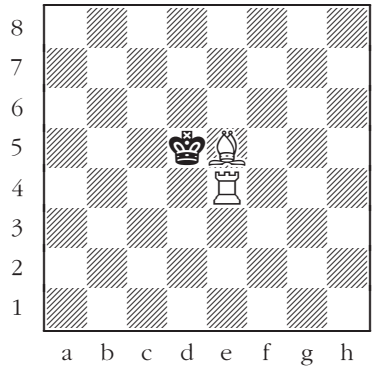

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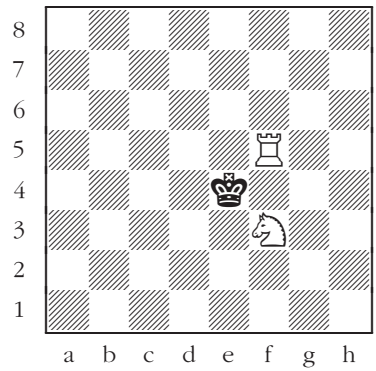

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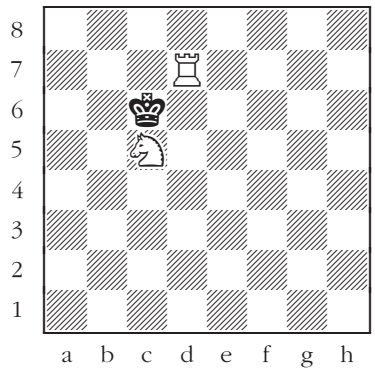
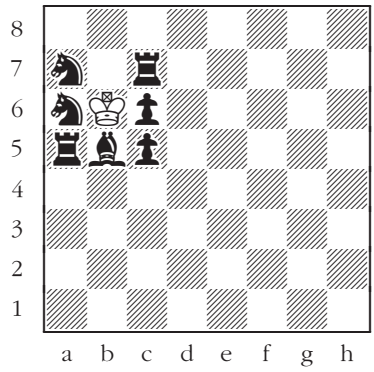


432

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Escaping from a dungeon

White to move: Which piece or pawn can be taken?



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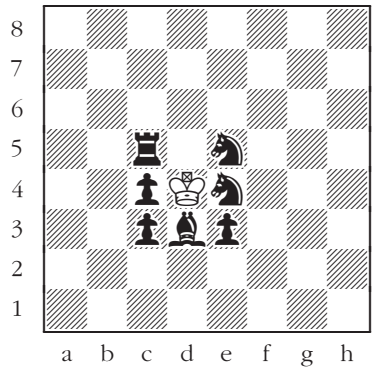

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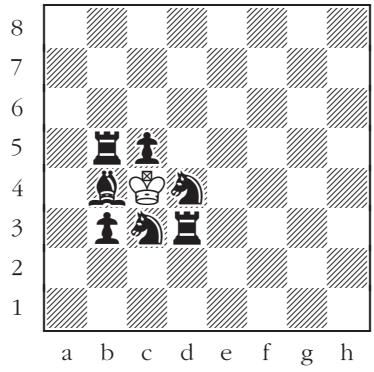

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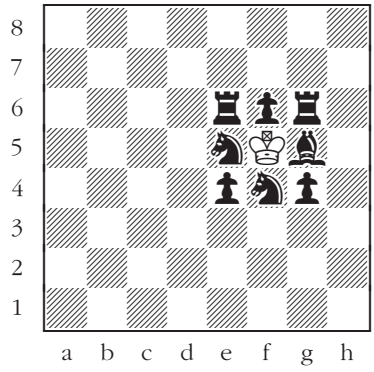

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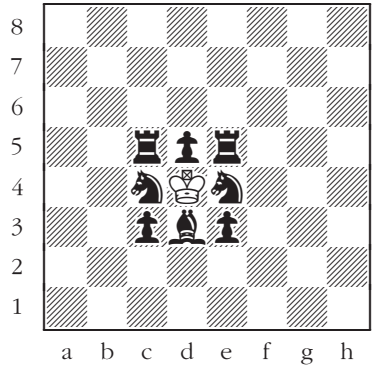

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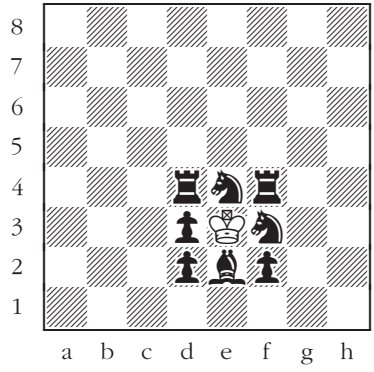
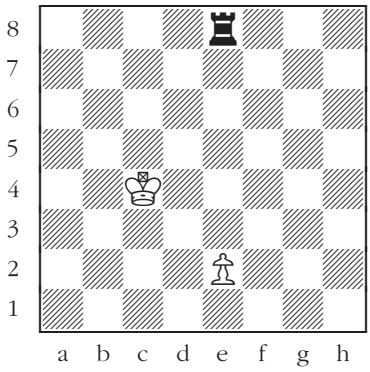


438

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Defending

White to move: How to save a pawn or a piece?



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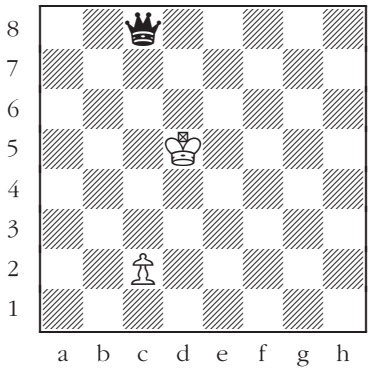

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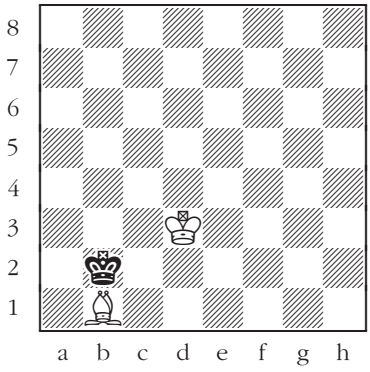

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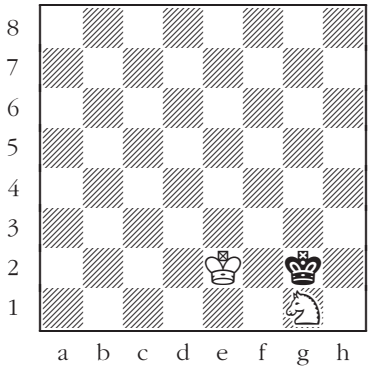

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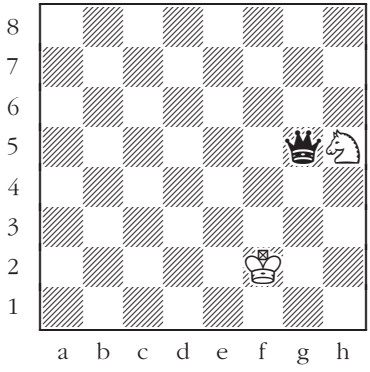

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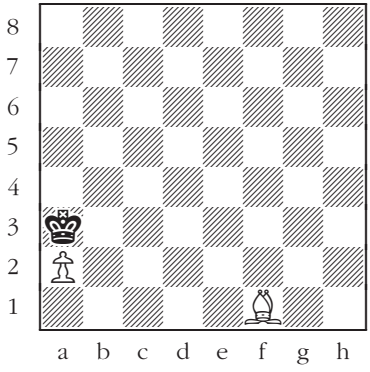
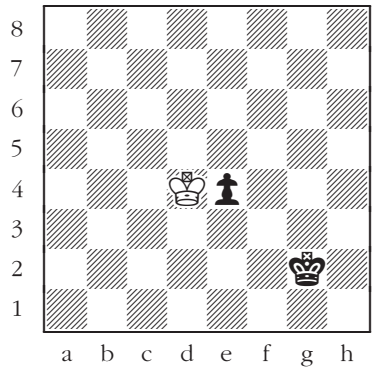


444

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Defending

Black to move: How to save a pawn or a piece?



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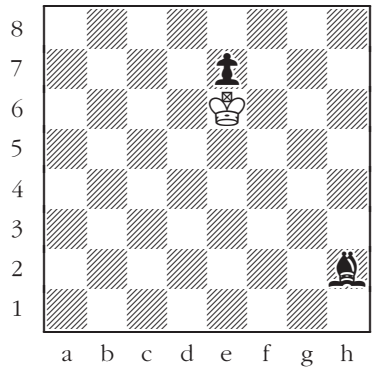

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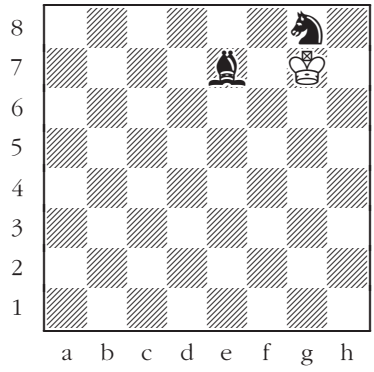

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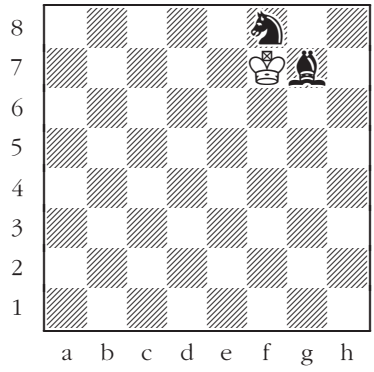

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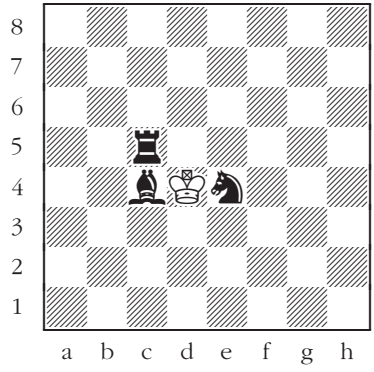

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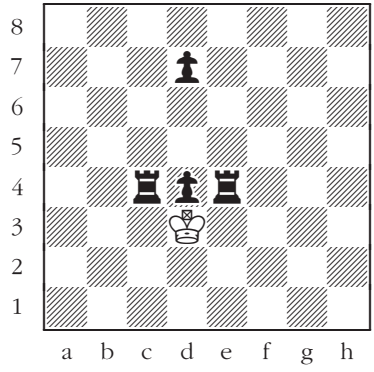
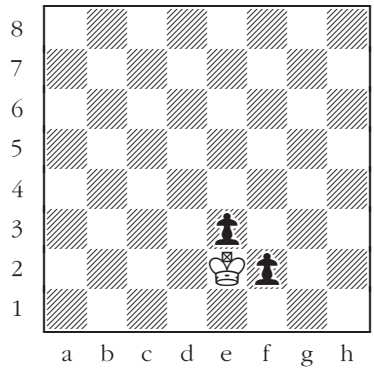


450

Kings, Pawns, Knights, Queens, Rooks, and Bishops

King against two pawns

White to move: Find the best move.



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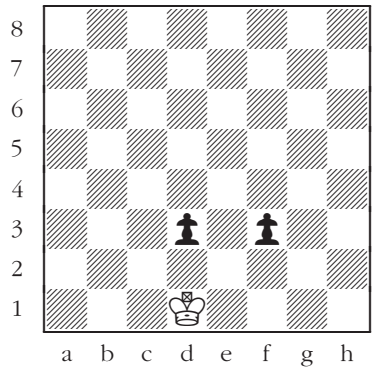

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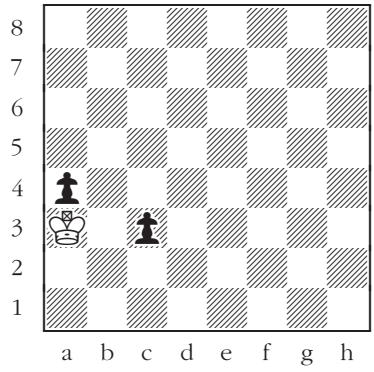

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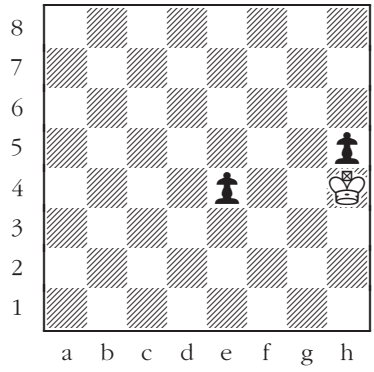

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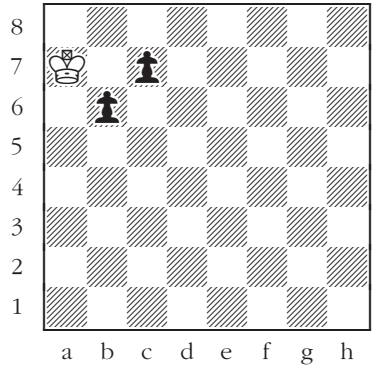

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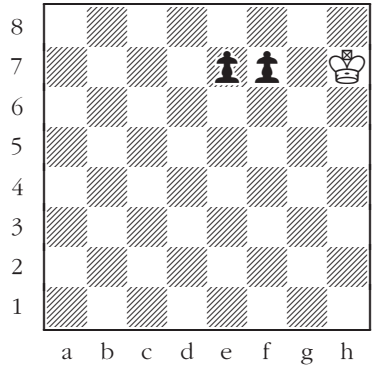
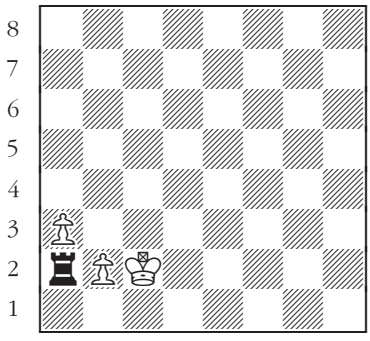


456

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Trapping the rook

White to move: Catch the rook.



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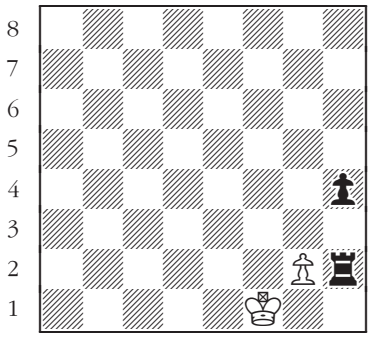

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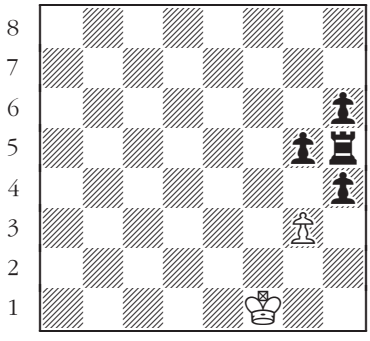

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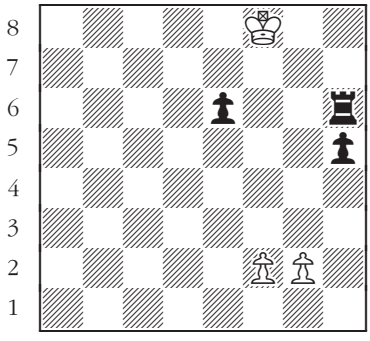

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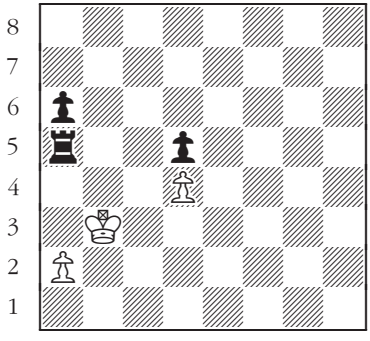

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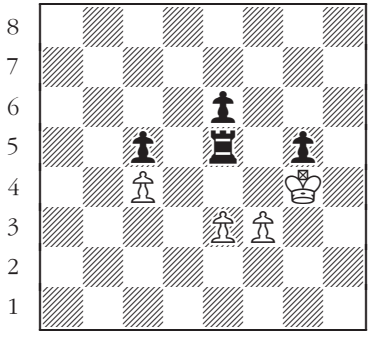
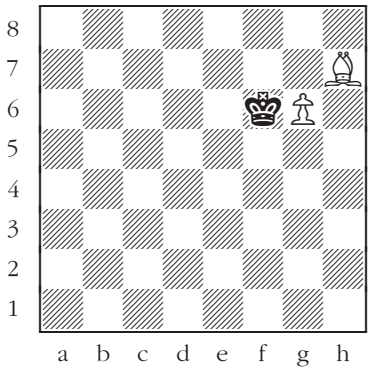


462

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Trapping the bishop

Black to move: Catch the bishop.



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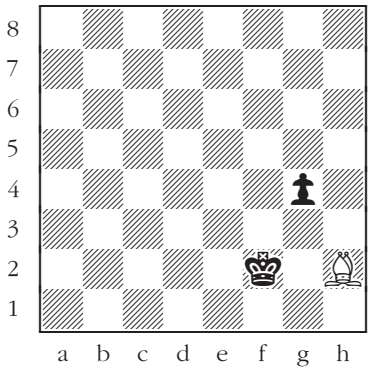

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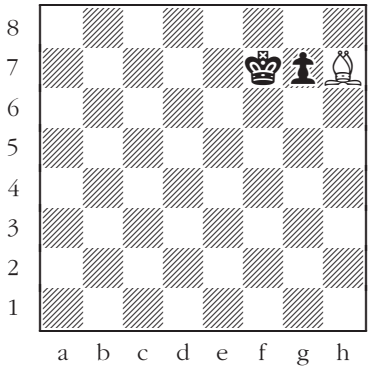

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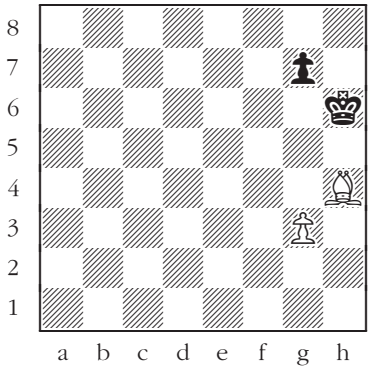

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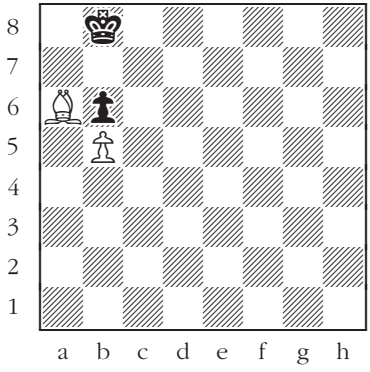

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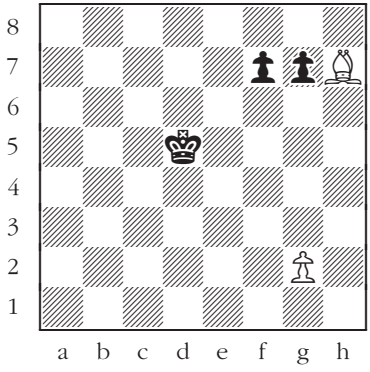
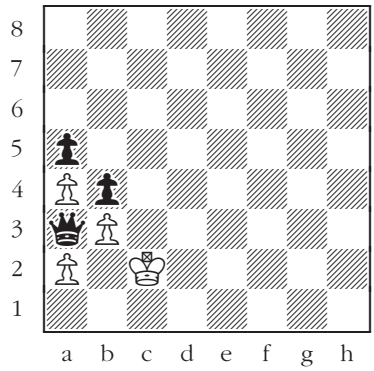


468

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Trapping the queen

White to move: Catch the queen.



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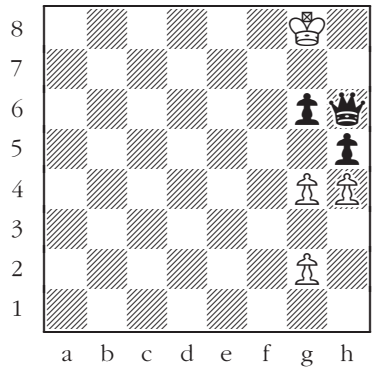

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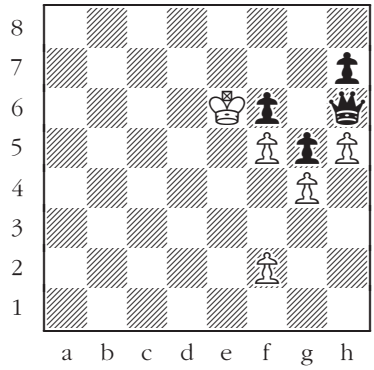

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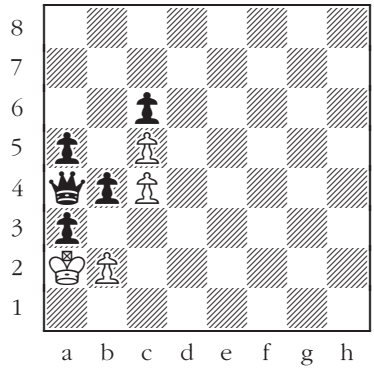

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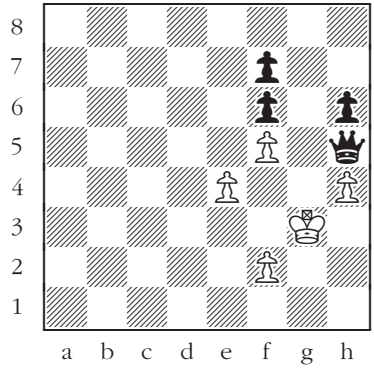

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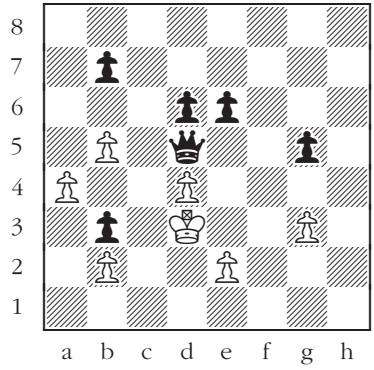
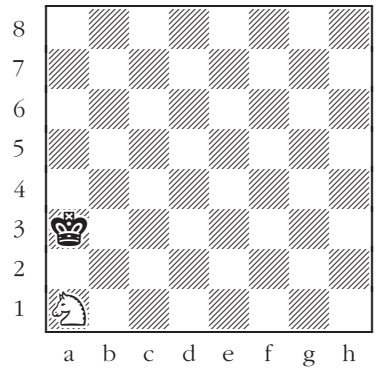


474

Kings, Pawns, Knights, Queens, Rooks, and Bishops

Trapping the knight

Black to move: Catch the knight.



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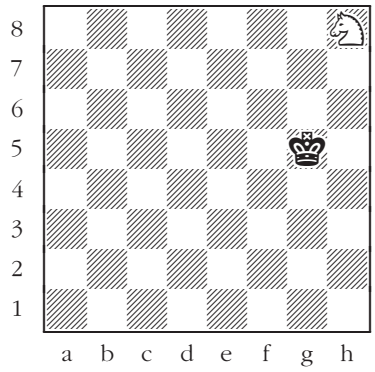

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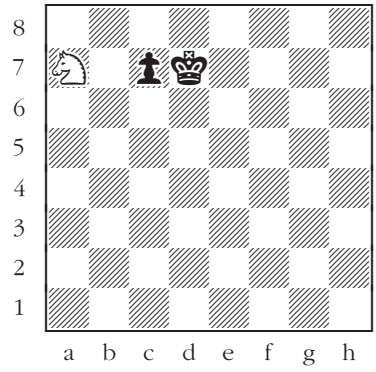

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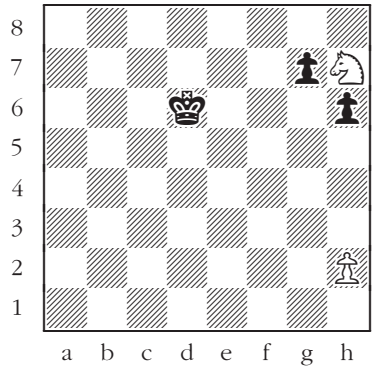

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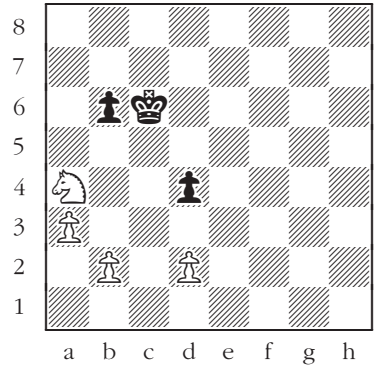

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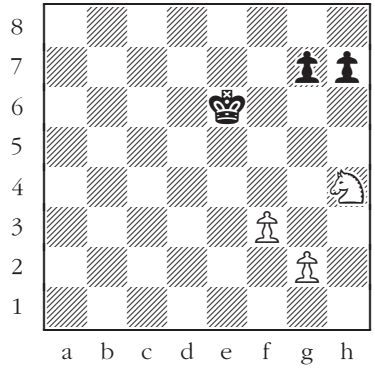
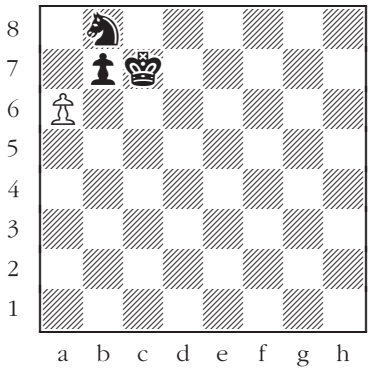


480

Kings, Pawns, Knights, Queens, Rooks, and Bishops

The pawn is desperate to become a queen

White to move: Find the best opportunity.



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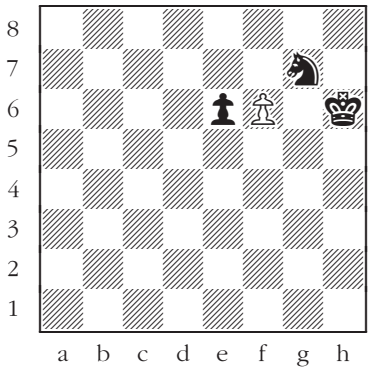

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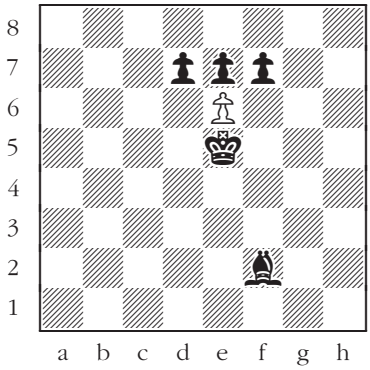

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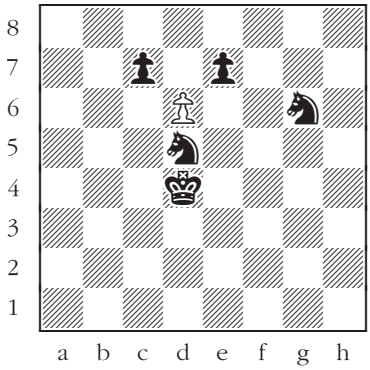

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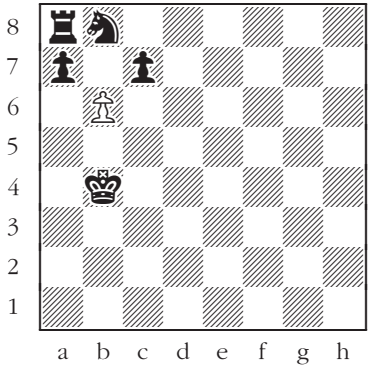

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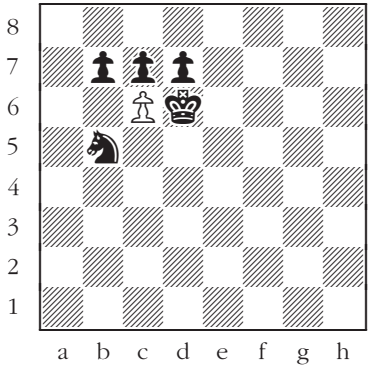
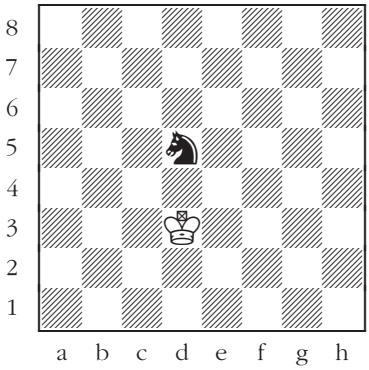


486

Check

Is it check or not?

White to move: Is the white king in check?



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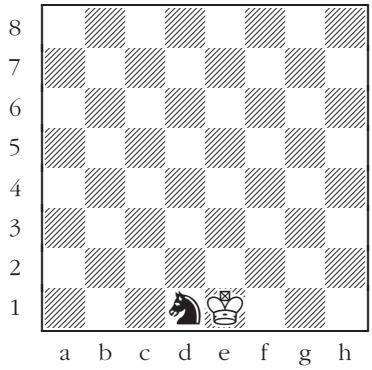

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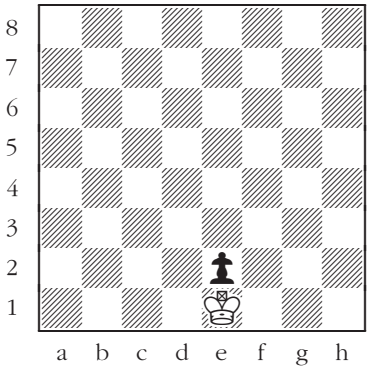

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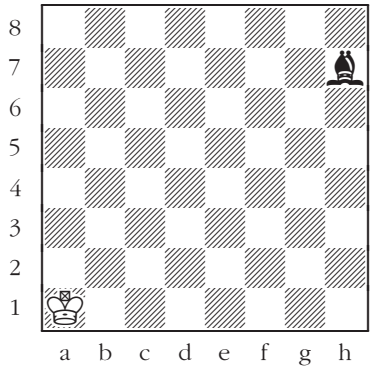

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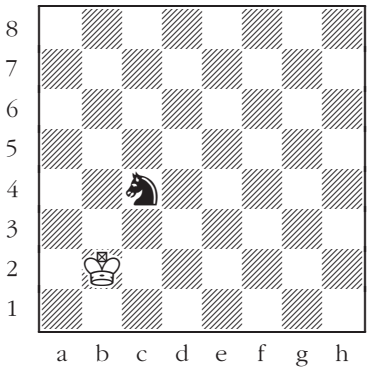

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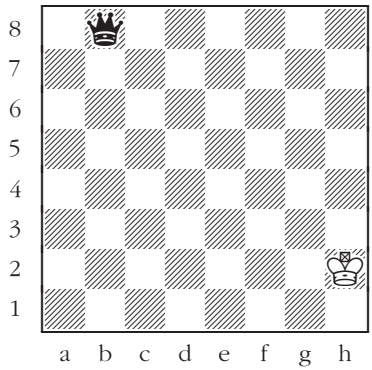
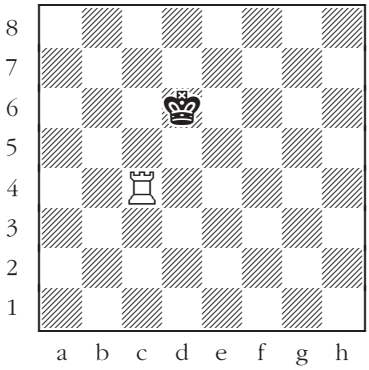


492

Check

Rook checks

White to move: Check with the rook in such a way that the king can't capture it.



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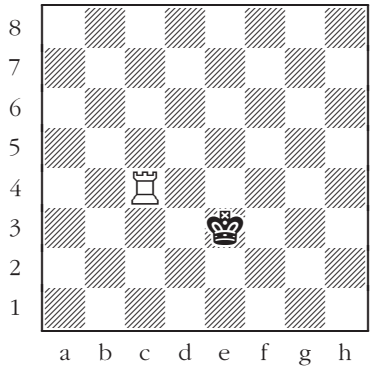

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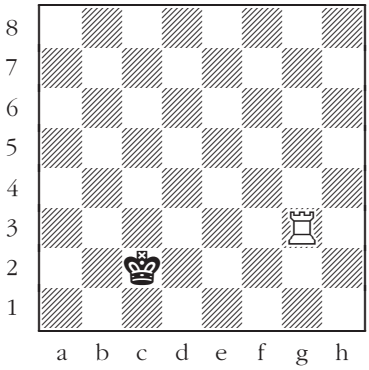

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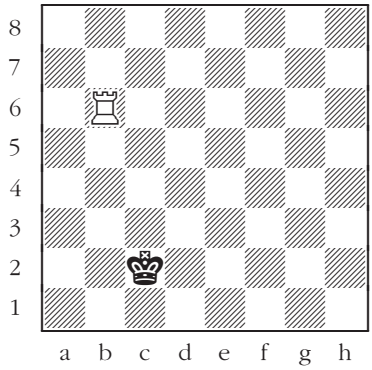

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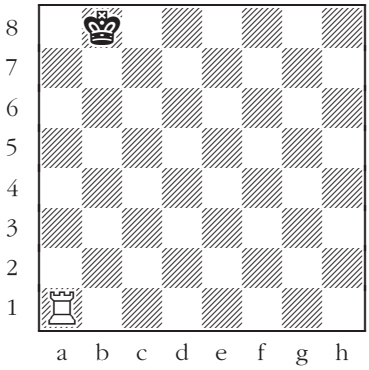

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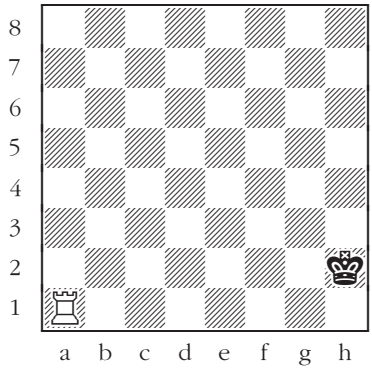
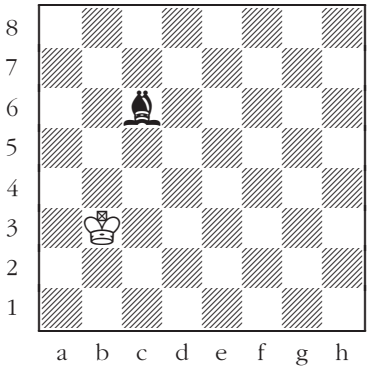


498

Check

Bishop checks

Black to move: Check with the bishop in such a way that the king can't take it.



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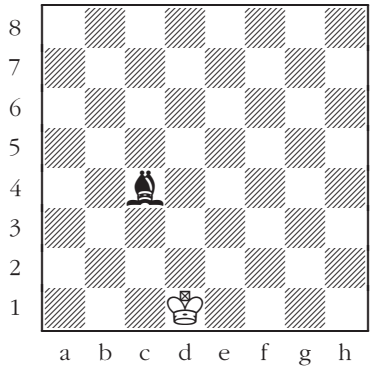

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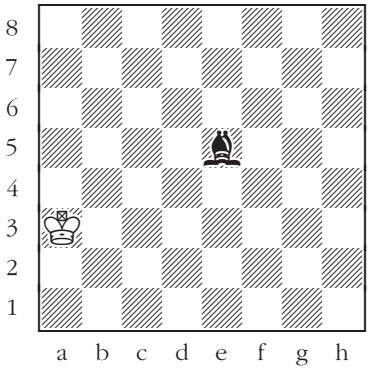

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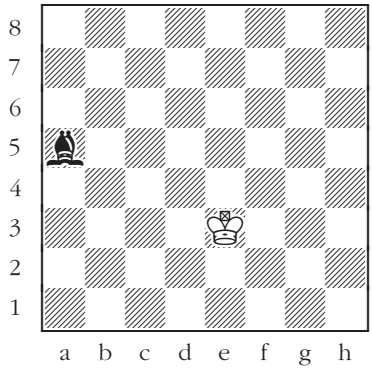

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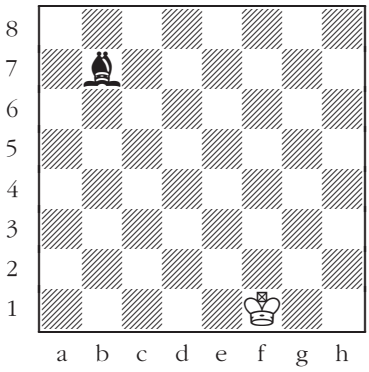

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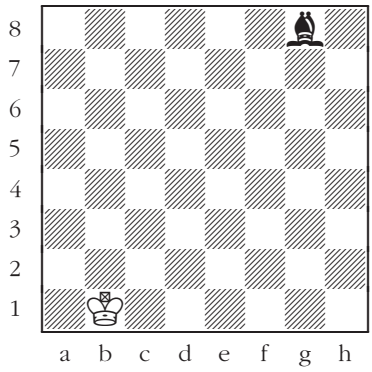
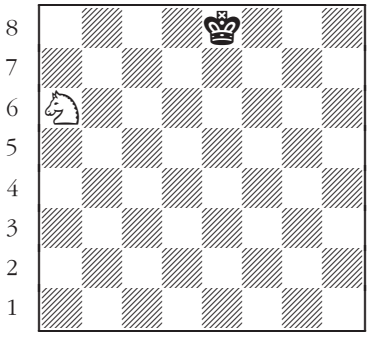


504

Check

Knight checks

White to move: Give check with the knight.



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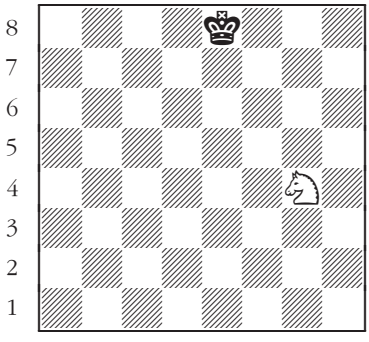

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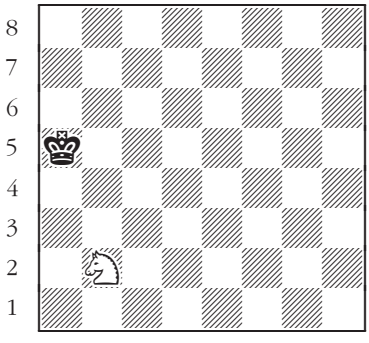

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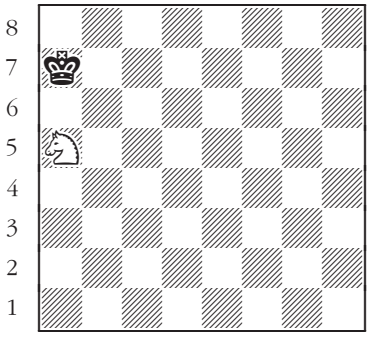

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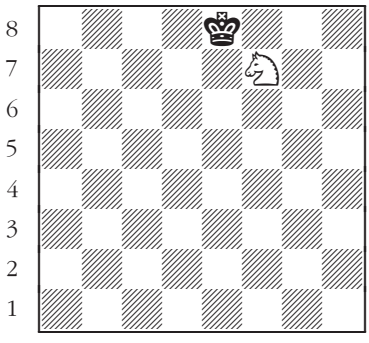

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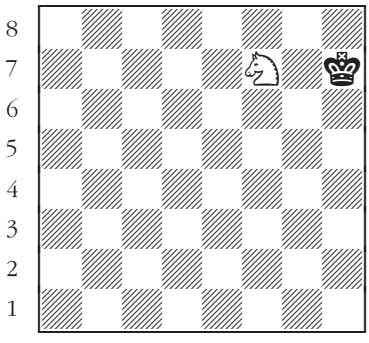
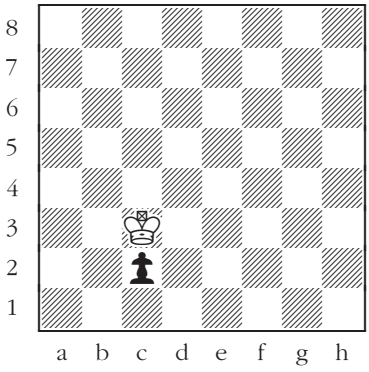


510

Check

Pawn checks

Black to move: Give check with a pawn move.



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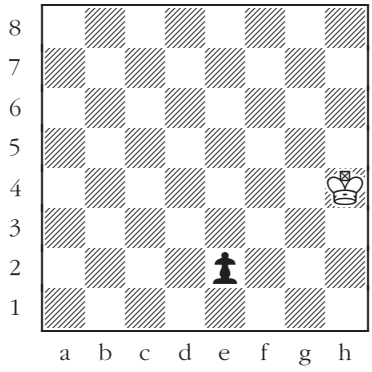

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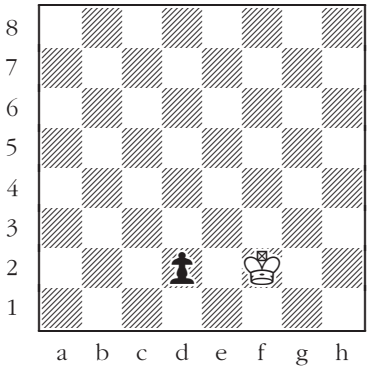

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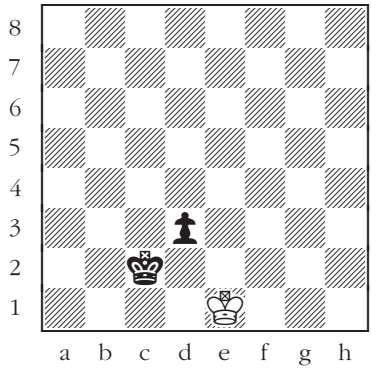

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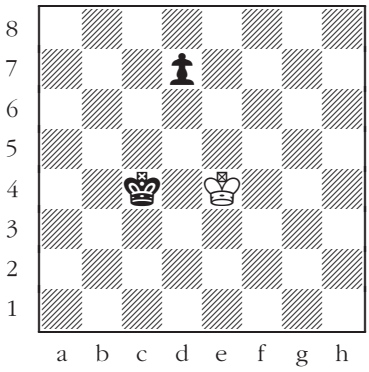

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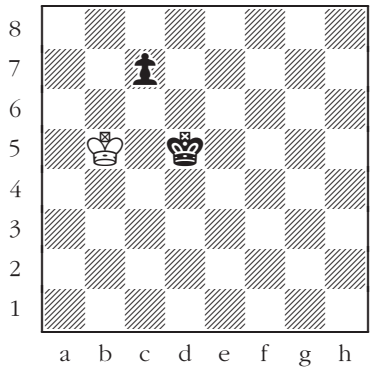
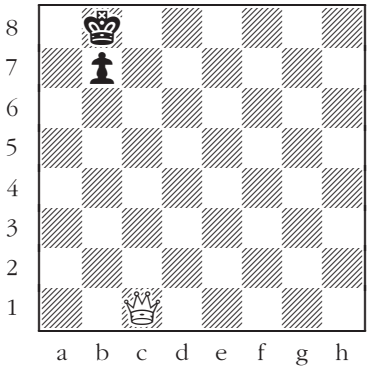


516

Check

Queen checks

White to move: Check with the queen in such a way that Black can't take it.



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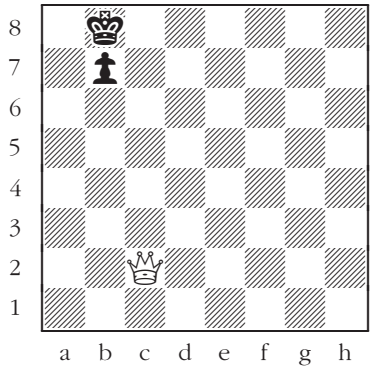

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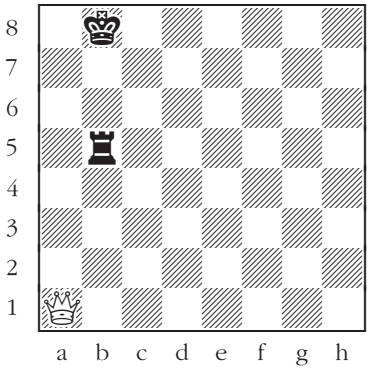

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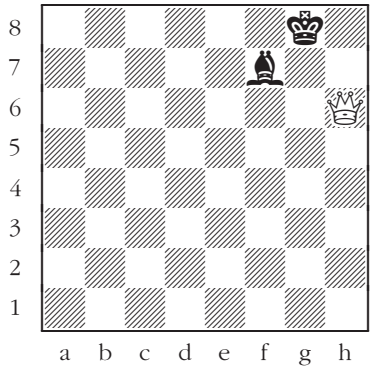

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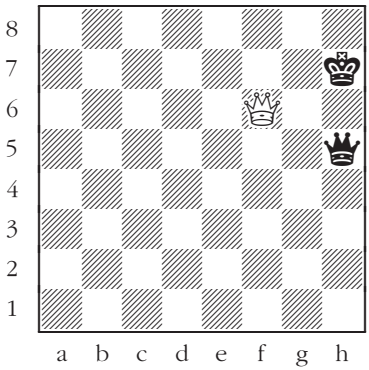

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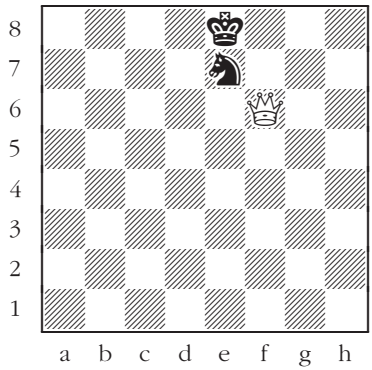
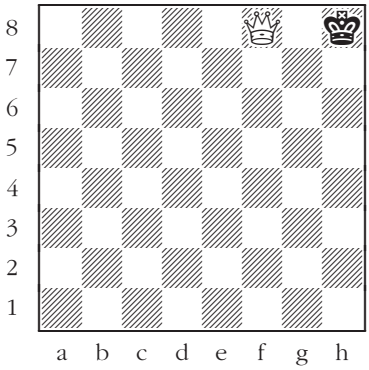


522

Check

Defending against check

Black to move: Find a defense.



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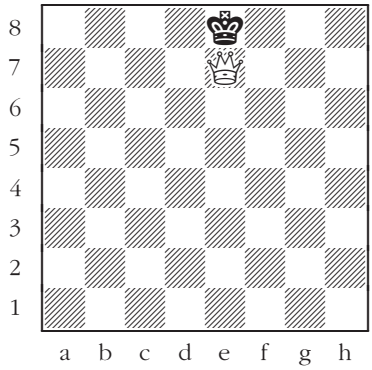

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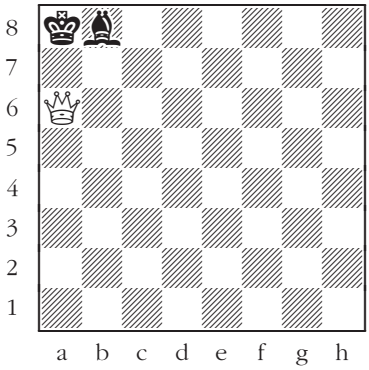

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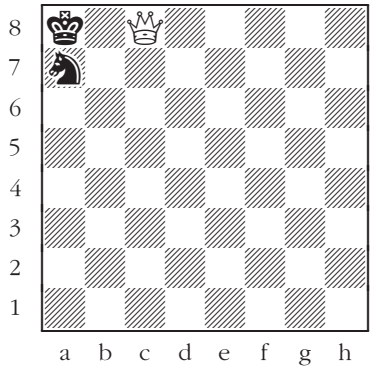

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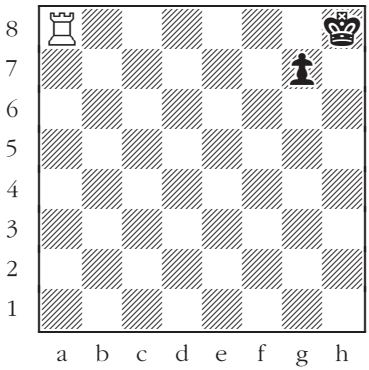

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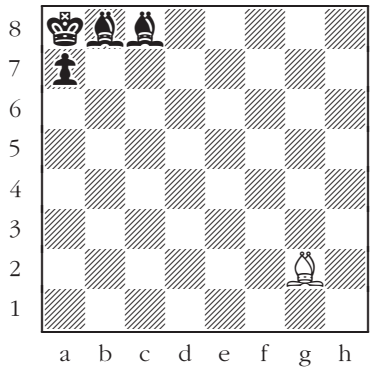
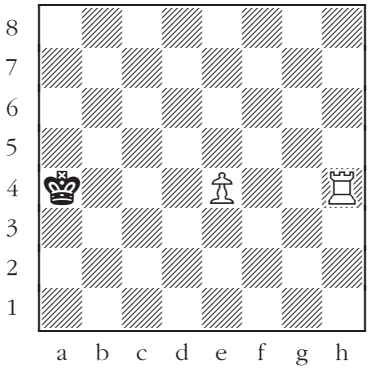


528

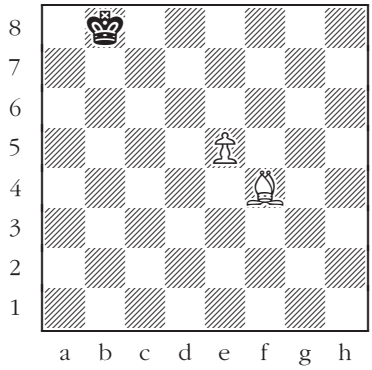
Check

Discovered check

White to move: Give a discovered check.



529



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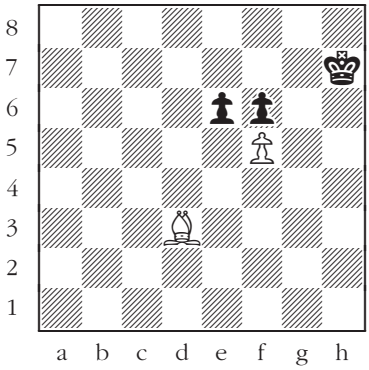

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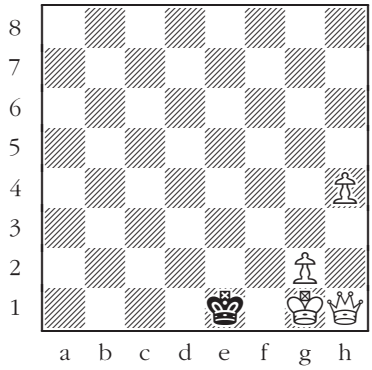

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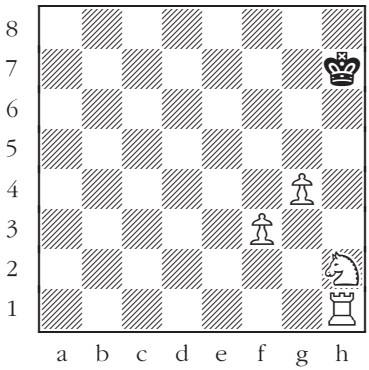

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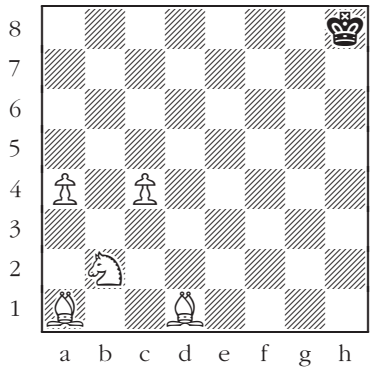
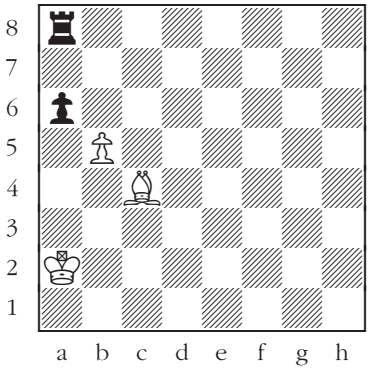


534

Check

Discovered check winning a piece

Black to move: Win a piece.



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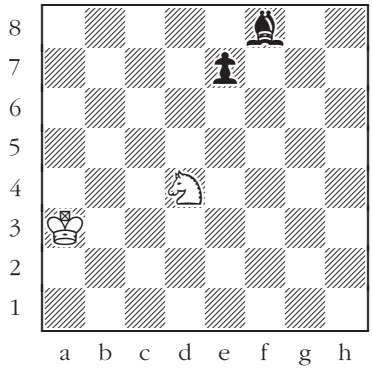

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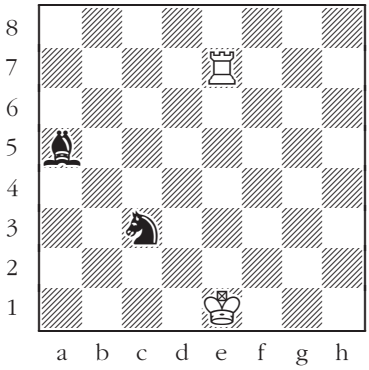

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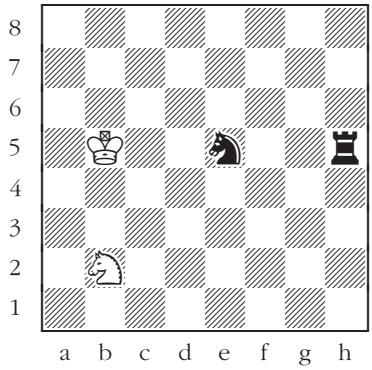

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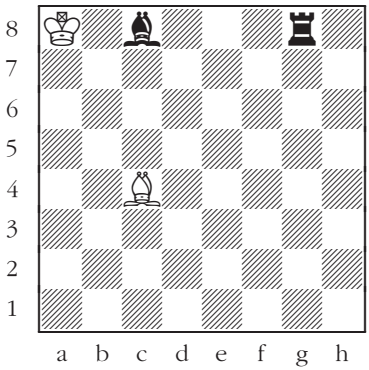

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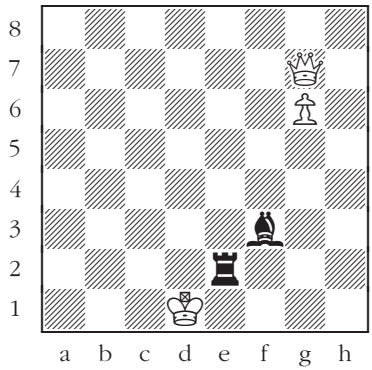
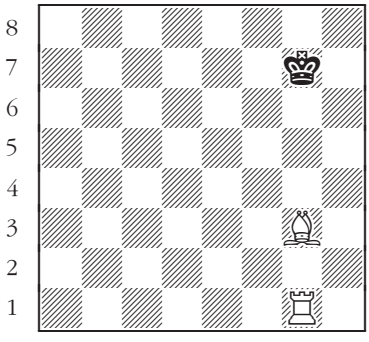


540

Check

Double check

White to move: Give double check.



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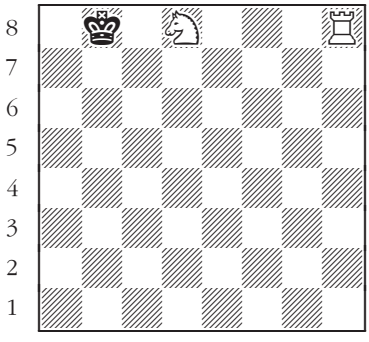

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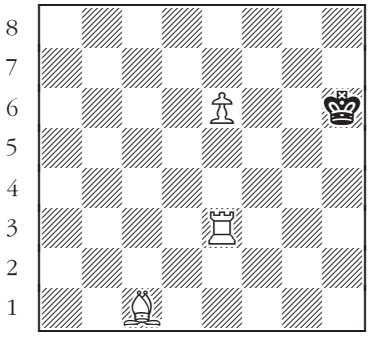

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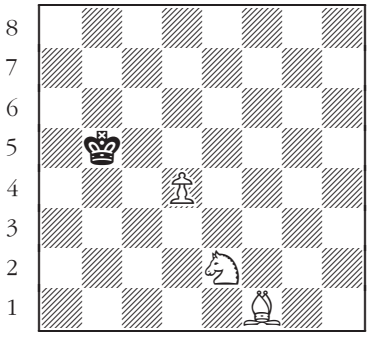

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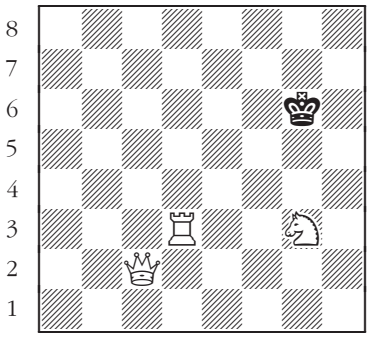

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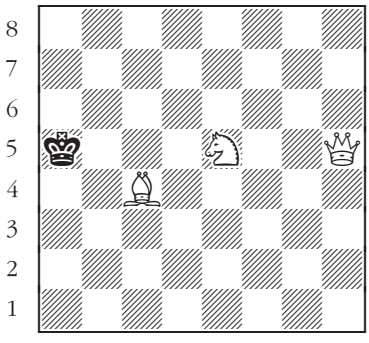
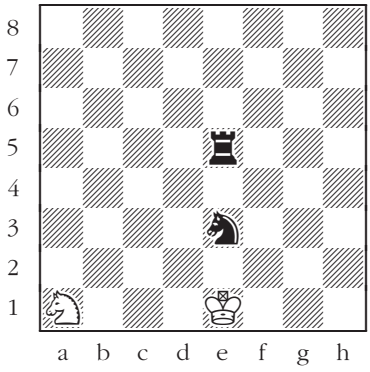


546

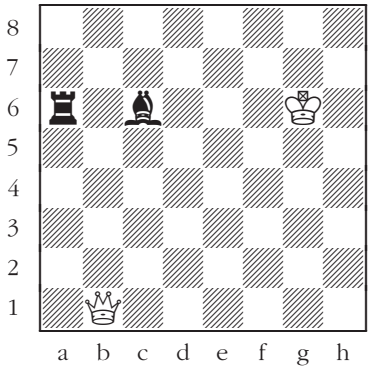
Check

Double check winning a piece

Black to move: Win a piece.



547



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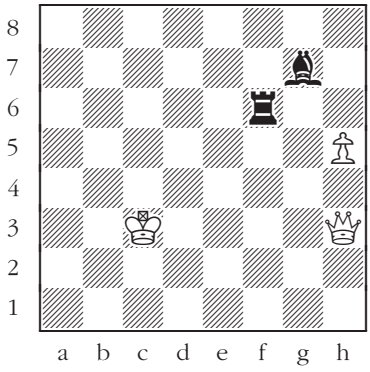

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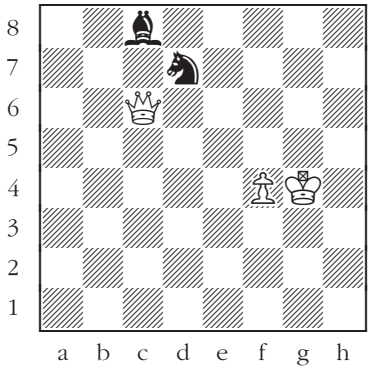

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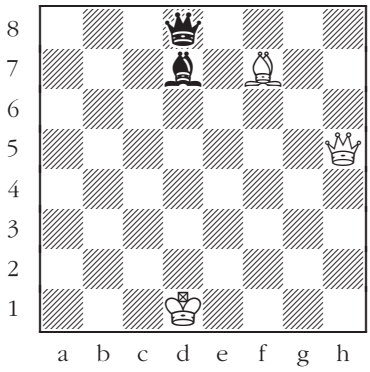

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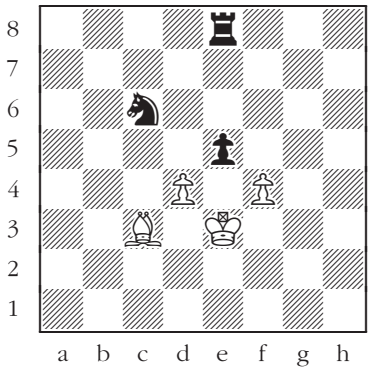
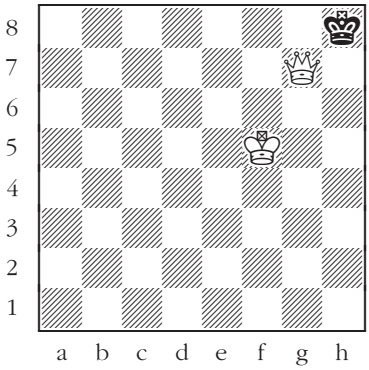


552

Checkmate

Is it checkmate or not?

Black to move: Has Black's king been checkmated?



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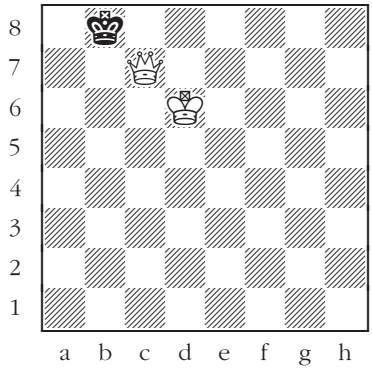

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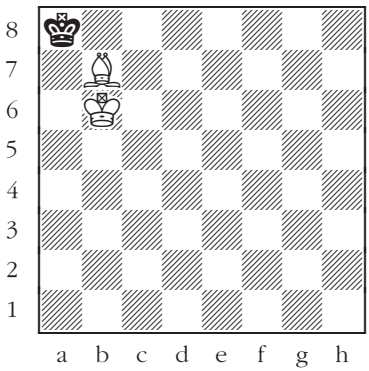

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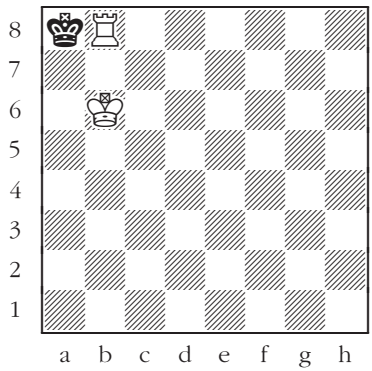

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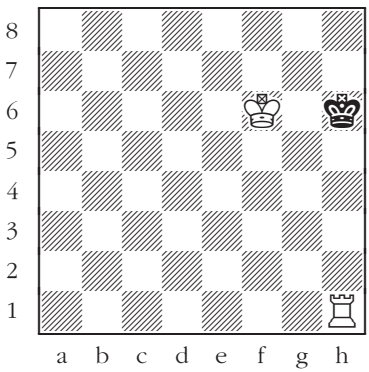

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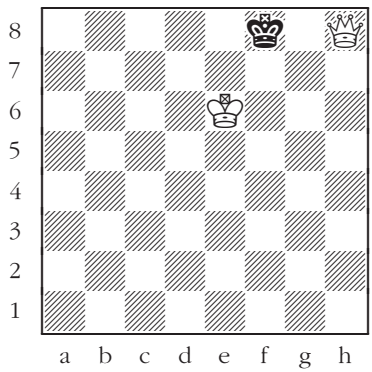
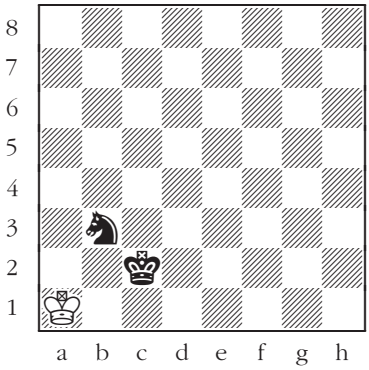


558

Checkmate

Is it checkmate or not?

White to move: Has White's king been checkmated?



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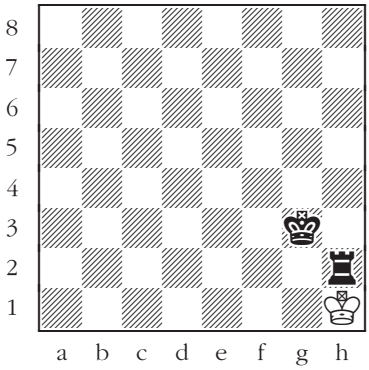

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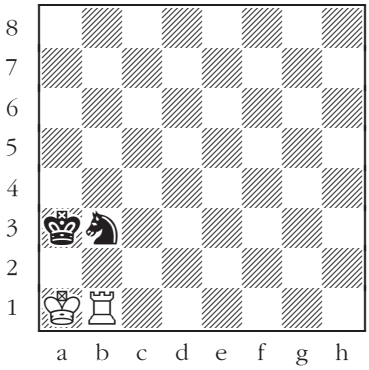

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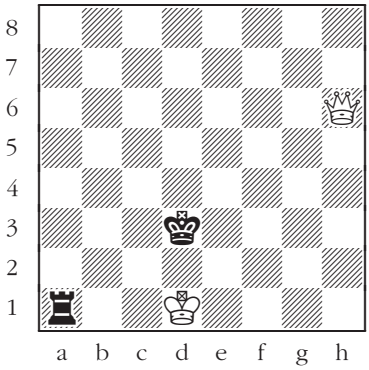

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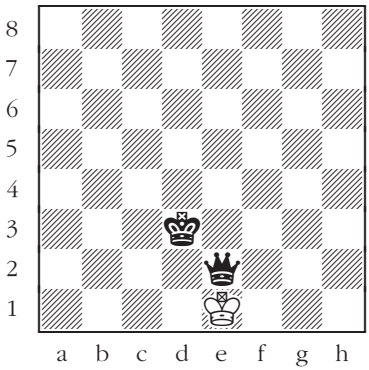
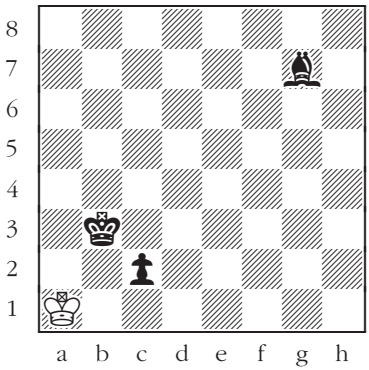


563

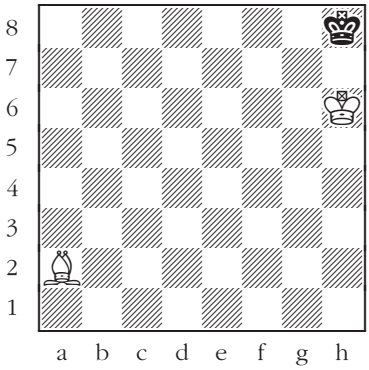


564

Stalemate

Is it stalemate or not?

Black to move: Is Black's king stalemated?



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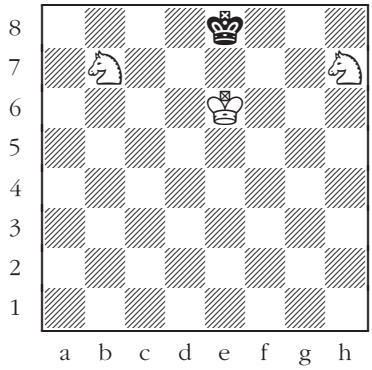

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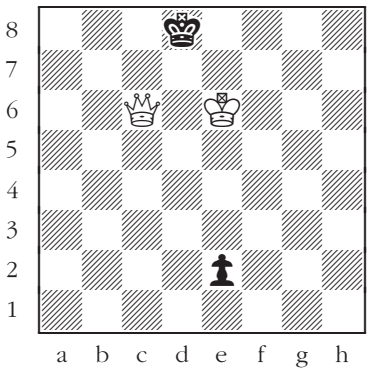

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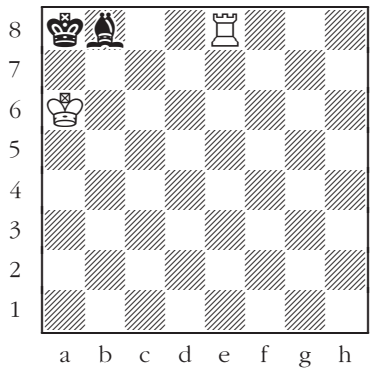

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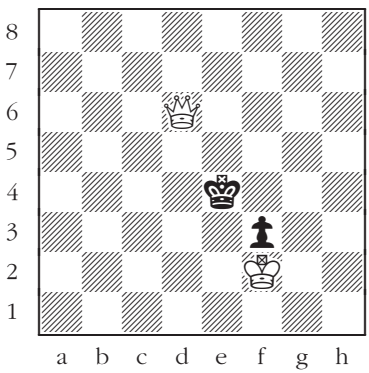

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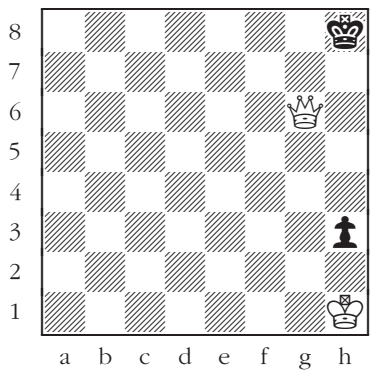
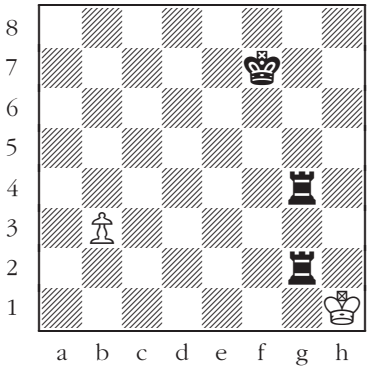


570

Stalemate

Is it stalemate or not?

White to move: Is White's king stalemated?



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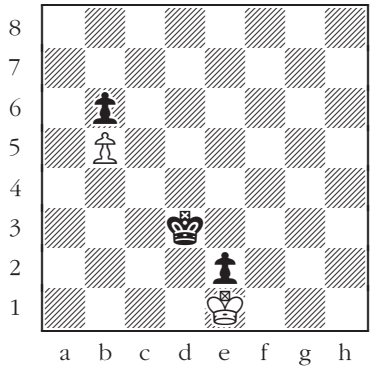

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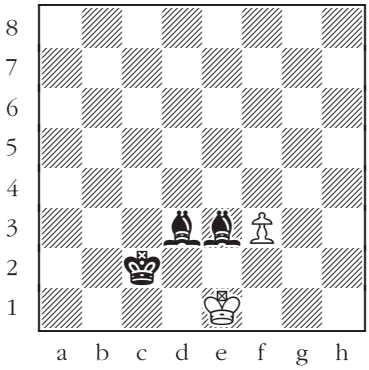

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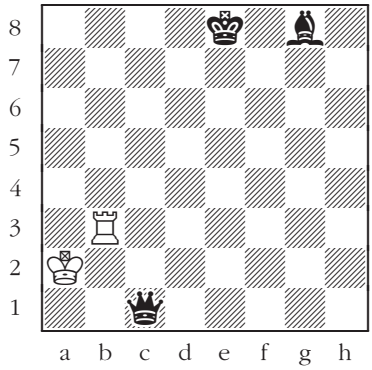

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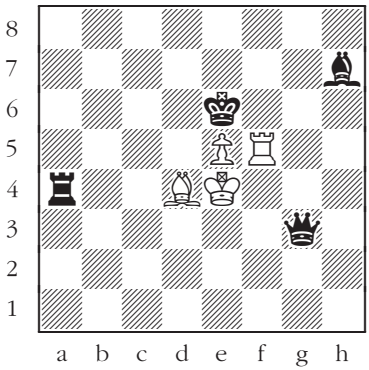

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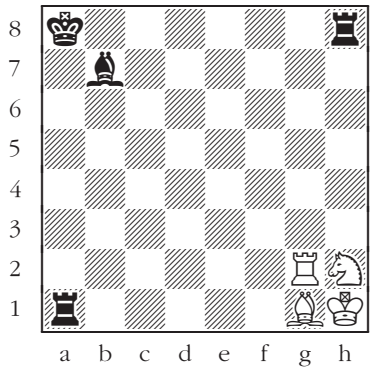
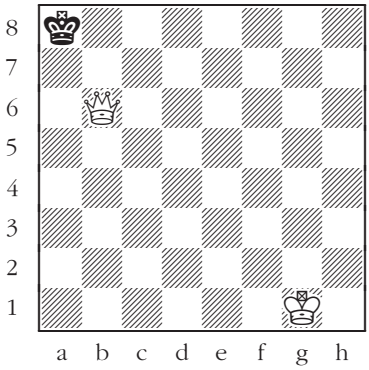


576

Checkmate and Stalemate

Is it checkmate or stalemate?

Black to move.



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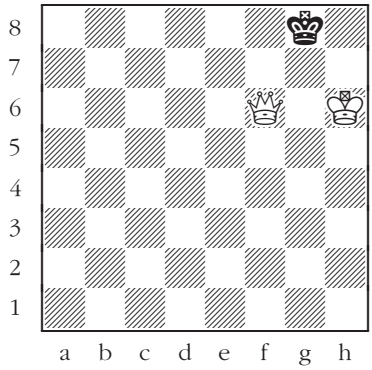

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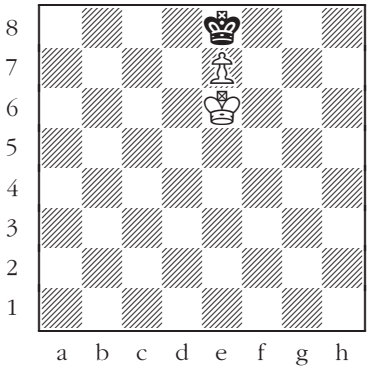

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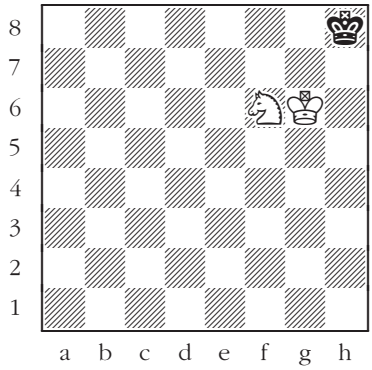

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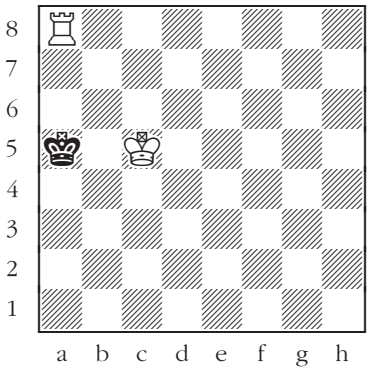

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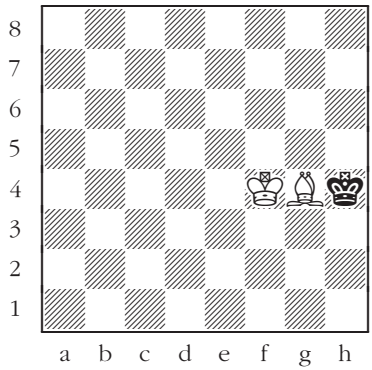
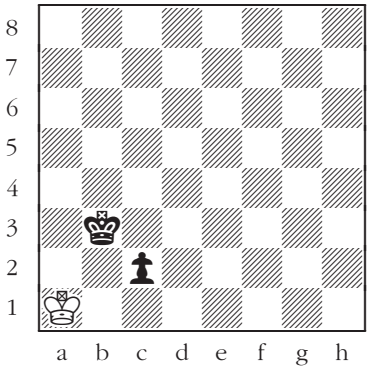


582

Checkmate and Stalemate

Is it checkmate or stalemate?

White to move.



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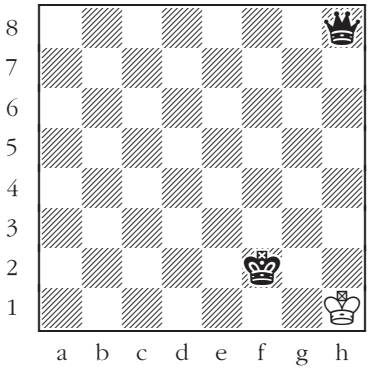

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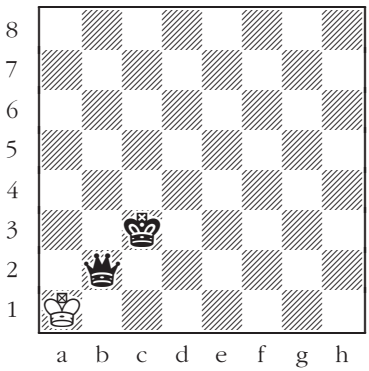

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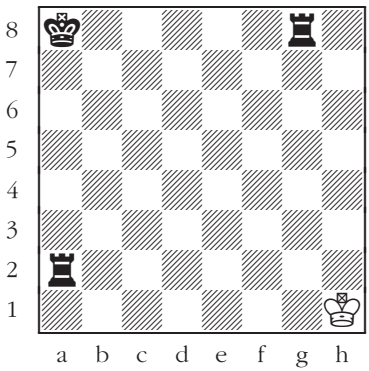

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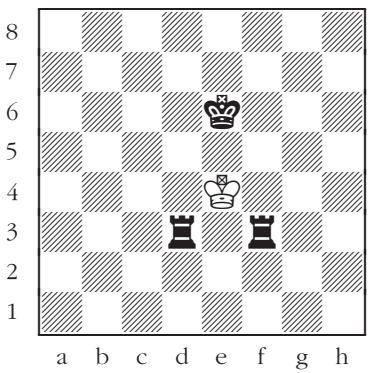

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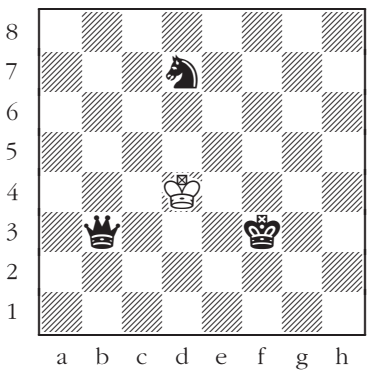
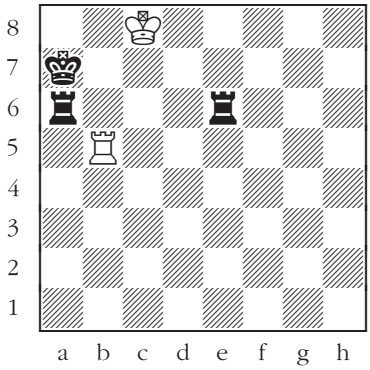


588

Perpetual Check

Perpetual check

White to move: Give perpetual check.



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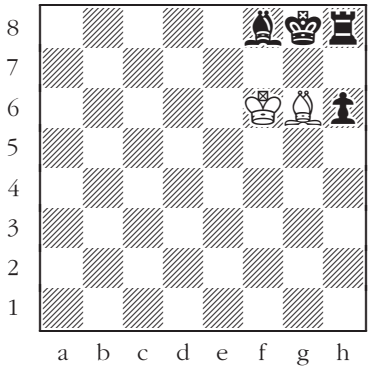

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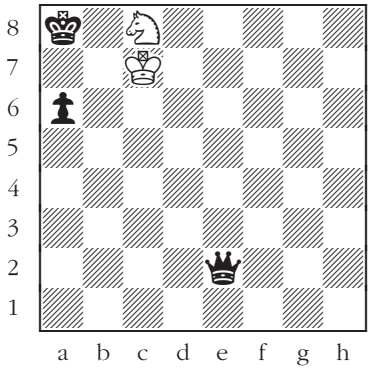

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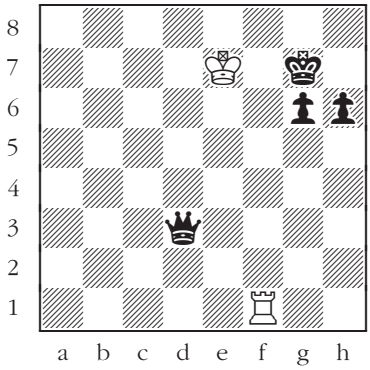

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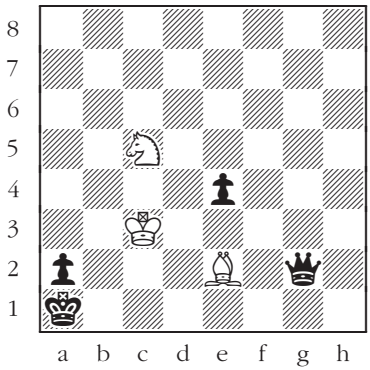

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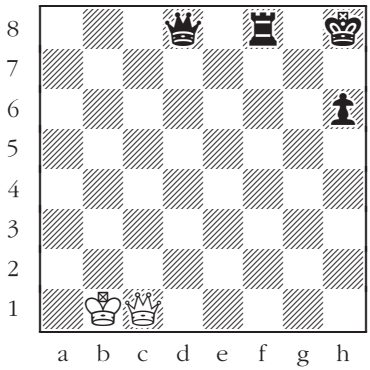
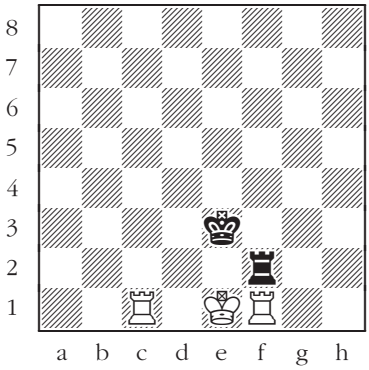


594

Perpetual Check

Perpetual check

Black to move: Give perpetual check.



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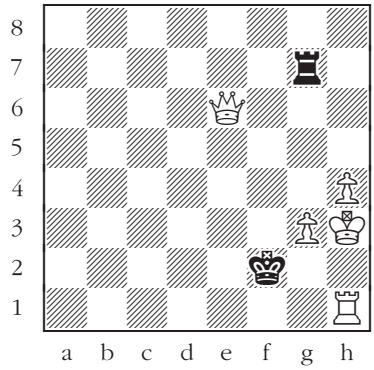

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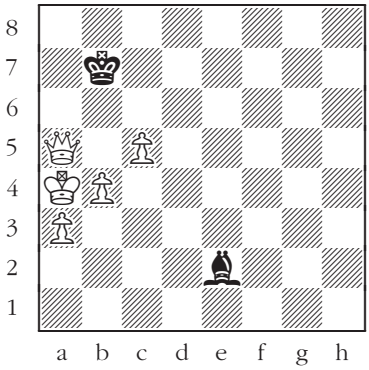

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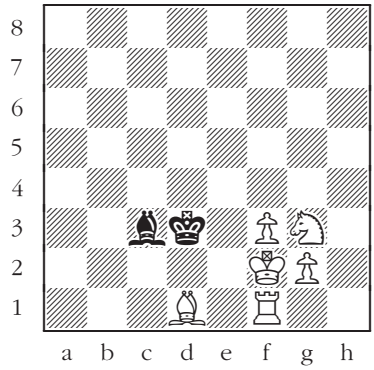

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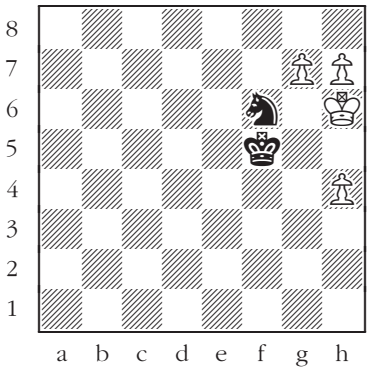

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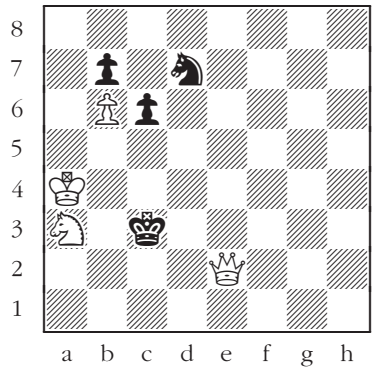
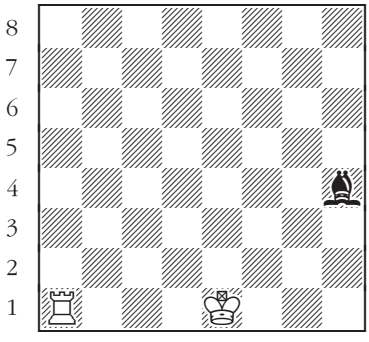


600

Castling

The rules for castling

White to move: Is castling allowed here?



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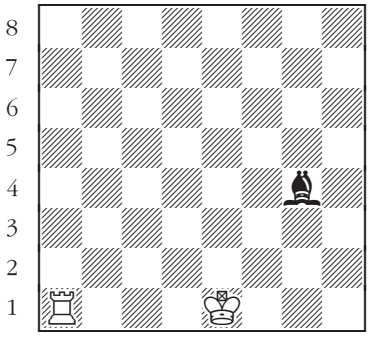

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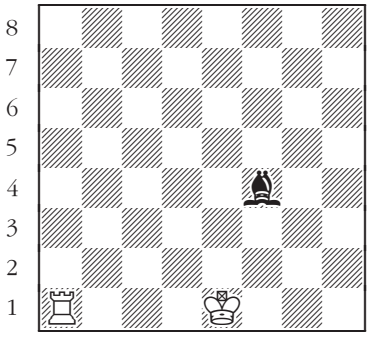

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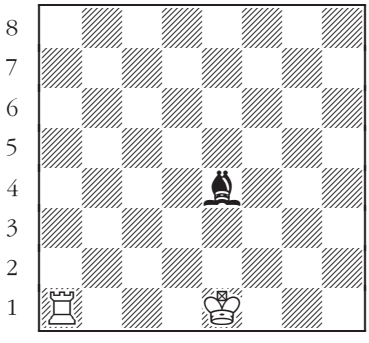

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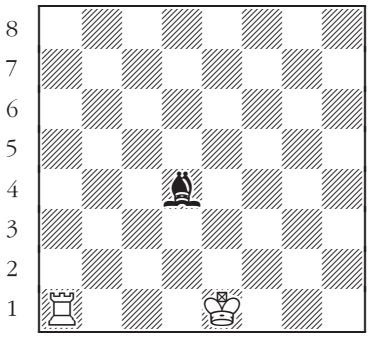

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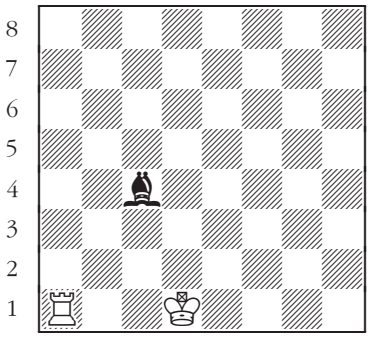
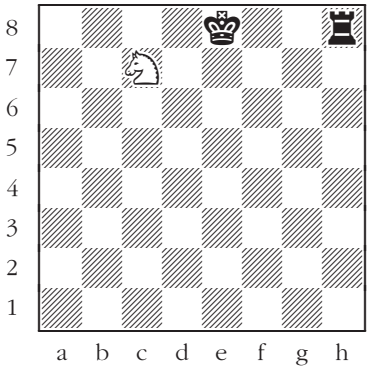


606

Castling

The rules for castling

Black to move: Is castling allowed here?



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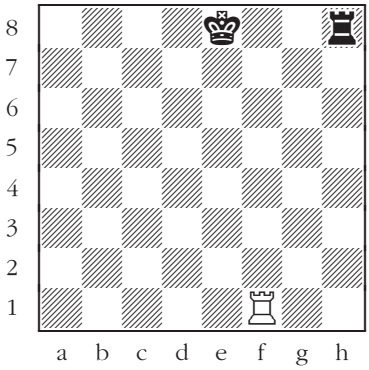

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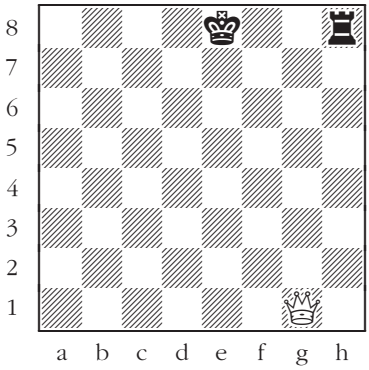

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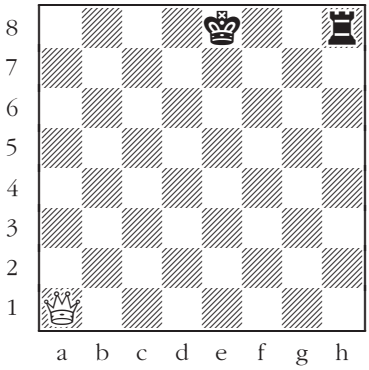

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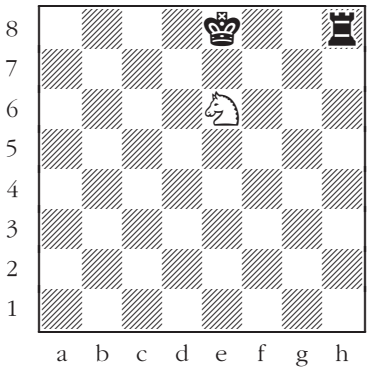

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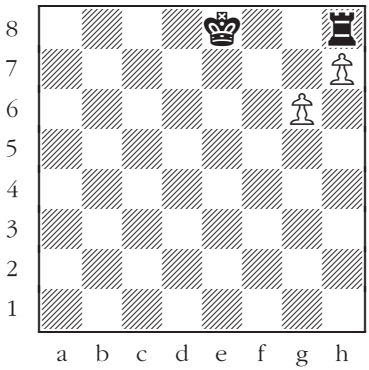
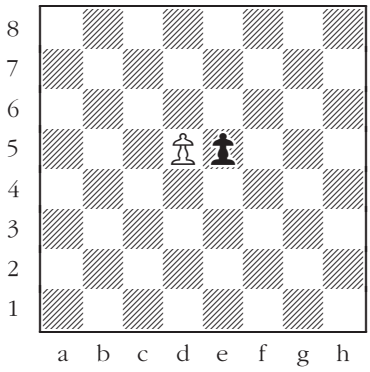


612

Capturing *en passant*

Captures

White to move: Black has just moved a pawn forward two squares.
Can it be taken *en passant?*



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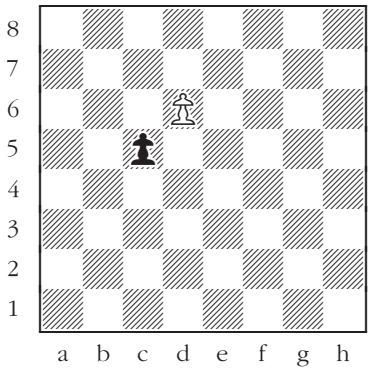

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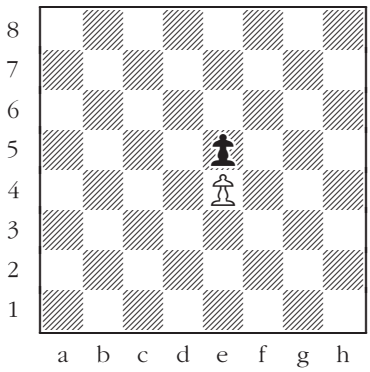

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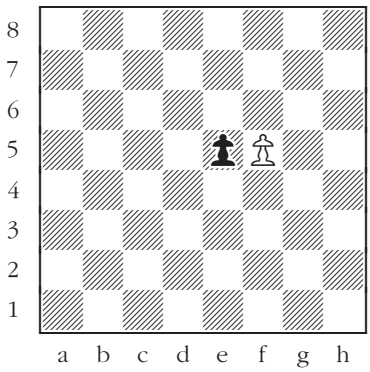

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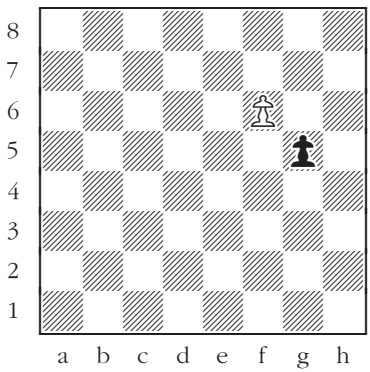

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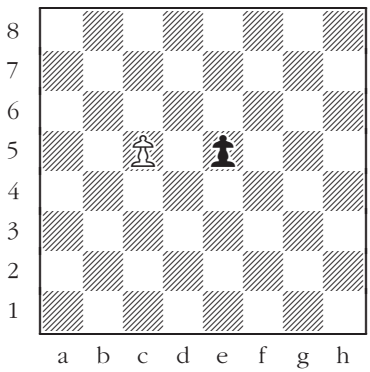
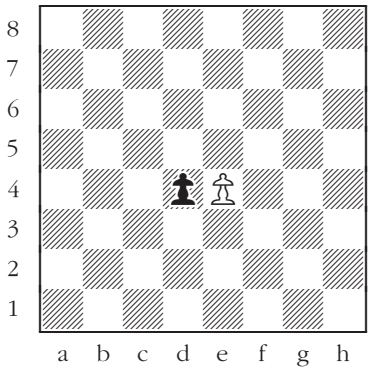


618

Capturing *en passant*

Captures

Black to move: White has just moved a pawn forward two squares.
Can it be taken *en passant?*



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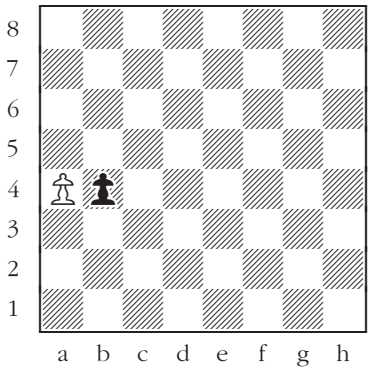

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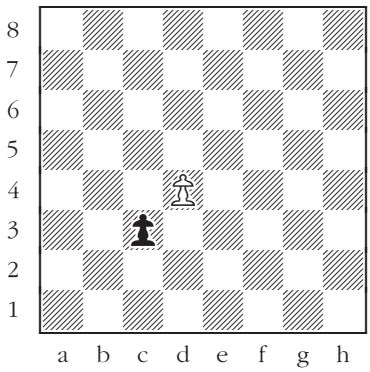

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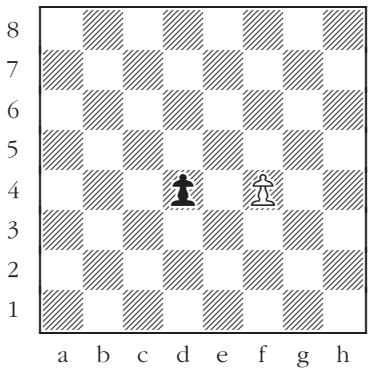

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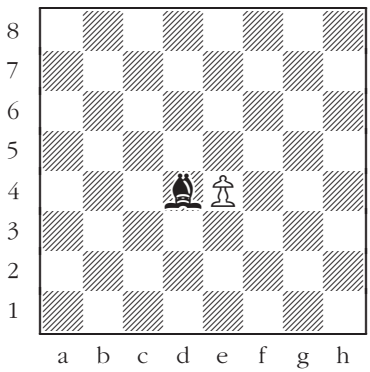

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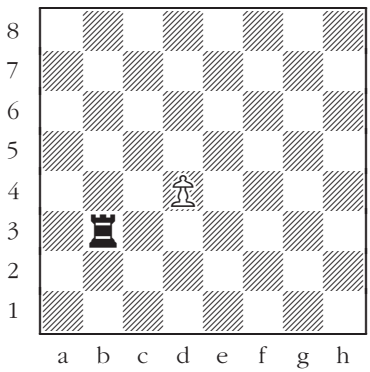


624

Solutions

1. Yes.
2. Yes.
3. Yes.
4. No.
5. No.
6. No.
7. 1...♖xe1.
8. 1...♖xg8.
9. 1...♖xd3.
10. 1...♖xa7.
11. 1...♖xa7.
12. 1...♖xa5.
13. Yes, it's good.
14. No (Black takes the white rook in reply).
15. No.
16. No.
17. No.
18. No.
19. 1...♖xc8.
20. 1...♖xh7.
21. 1...♖xh8.
22. 1...♖xc4.
23. 1...♖xa8.
24. 1...♖xh1.
25. Yes.
26. Yes.
27. No.
28. No.
29. Yes.
30. Yes.
31. 1...♗xc3.
32. 1...♗xh1
33. 1...♗xe1
34. 1...♗xd6
35. 1...♗xe5
36. 1...♗xb2
37. ♗d4.
38. ♗b3.
39. ♗a1.
40. ♗a4.
41. ♗e1.
42. ♗h2.
43. 1. ♖d4, 1. ♖e5.
44. 1. ♖c7, 1. ♖e3.
45. 1. ♖b8, 1. ♖e3.
46. 1. ♖b7, 1. ♖f5.
47. 1. ♖a2, 1. ♖h3.
48. 1. ♖a8, 1. ♖h1.
49. 1...♗b7.
50. 1...♗f4.
51. 1...♗e6.
52. 1...♗e4.
53. 1...♗f4.
54. 1...♗b7.
55. 1. ♖e5.
56. 1. ♖h2.
57. 1. ♖e8.
58. 1. ♖d5.
59. 1. ♖a2.
60. 1. ♖c2.
61. 1...♗e5.
62. 1...♗d2.
63. 1...♗c6.
64. 1...♗c5.
65. 1...♗c4.
66. 1...♗d5.
67. 1. ♖a8.
68. 1. ♖h8.
69. 1. ♖a8.
70. 1. ♖h7.
71. 1. ♖a4.
72. 1. ♖f1.
73. 1...♗g7.
74. 1...♗e4.
75. 1...♗d8.
76. 1...♗f7.
77. 1...♗f1.
78. 1...♗a7.
79. 1. ♖xh1.
80. 1. ♗xd3.
81. 1. ♖xh1.
82. 1. ♗xh2.
83. 1. ♖xd8.
84. 1. ♖xh4.
85. 1. ♖a8 (now one of the black pieces is forced to make a move, leaving the other piece under attack; for example: 1...♖h4 2. ♖xg8).
86. 1. ♖e6.
87. 1. ♖aa5 (but not 1. ♖f2 because of 1...♗g4 or 1...♗g6).
88. 1. ♖h2.
89. 1. ♖ae2.
90. 1. ♖b5.
91. 1...♖a8, and then, for example: 2. ♖a5 ♗b7.
92. 1...♗g7.
93. 1...♗b7.
94. 1...♖g7.
95. 1...♗b8 (an attack in reply).
96. 1...♖e3 2. ♗xd2 ♖d3 (winning back the piece).
97. 1. ♖b1.
98. 1. ♖h4.
99. 1. ♖c8.
100. 1. ♖e2.
101. 1. ♗d5.
102. 1. ♖d4.
103. 1...♗g2.
104. 1...♗a7.
105. 1...♗f5.
106. 1...♗e3.
107. 1...♖f1.
108. 1...♗b2.
109. 1. ♖xa3 (but not 1. ♖xc5 ♗xc5 2. ♖xa7 ♗xa7).
110. 1. ♖xc5.
111. 1. ♖xa5.
112. 1. ♖xg8.
113. 1. ♖xa8.
114. 1. ♖h2 ♖xh2 2. ♗xf3.
115. Yes.
116. Yes.
117. Yes.
118. No.
119. No.
120. No.
121. 1...♕f1.
122. 1...♕a7.
123. 1...♕c7.
124. 1...♕f5.
125. 1...♕f8.
126. 1...♕c3.
127. 1. ♕b8, 1. ♕c1, 1. ♕c2.
128. 1. ♕a4, 1. ♕b4, 1. ♕h3.
129. 1. ♕c7, 1. ♕h1, 1. ♕h6.
130. 1. ♕b3, 1. ♕d7, 1. ♕h7.
131. 1. ♕e3, 1. ♕f7, 1. ♕f8.
132. 1. ♕b8, 1. ♕f8, 1. ♕g4.
133. 1. ♕f6.
134. 1. ♕h3.
135. 1. ♕c2.
136. 1. ♕b3.
137. 1. ♕g1.
138. 1. ♕b8.
139. 1...♕b1.
140. 1...♕f3.
141. 1...♕e5.
142. 1...♕e2.
143. 1...♕c3.
144. 1...♕d1.

145. 1. ♗d4.
146. 1. ♖a8.
147. 1. ♖e1.
148. 1. ♖g1.
149. 1. ♖b4.
150. 1. ♖a2.
151. 1...♕xh7.
152. 1...♕xh8.
153. 1...♕xh4.
154. 1...♕xe5.
155. 1...♕xb4.
156. 1...♕xd3.
157. 1. ♕h1 (and Black loses a piece because of the pin).
158. 1. ♕c8.
159. 1. ♗f3.
160. 1. ♗b2.
161. 1. ♕g5.
162. 1. ♕h5.
163. 1...♕b2.
164. 1...♕g2.
165. 1...♗h2.
166. 1...♖d3.
167. 1...♕c3.
168. 1...♖f1.
169. 1. ♕b1.
170. 1. ♗g2.
171. 1. ♗e7.
172. 1. ♕d5.
173. 1. ♖c2.
174. 1. ♖b3.
175. No.
176. No.
177. No.
178. Yes.
179. Yes.
180. Yes.
181. 1...♘xd3.
182. 1...♘xc4.
183. 1...♘xg3.
184. 1...♘xf7.
185. 1...♘xe3.
186. 1...♘xf4.
187. 1...♘g6.
188. 1...♘c7.
189. 1...♘a6.
190. 1...♘f6.
191. 1...♘g5.
192. 1...♘c6.
193. Yes.
194. Yes.
195. Yes.
196. No.
197. No.
198. No.
199. 1...♘d4.
200. 1...♘e4.
201. 1...♘e5.
202. 1...♘xd4.
203. 1...♘c5.
204. 1...♘e4.
205. 1. ♖b7.
206. 1. ♖f6.
207. 1. ♖d6.
208. 1. ♖e6.
209. 1. ♖d5.
210. 1. ♖e5.
211. 1. ♗h5.
212. 1. ♗d8.
213. 1. ♗b5.
214. 1. ♗g5.
215. 1. ♗d6.
216. 1. ♗e5.
217. 1...♕d1.
218. 1...♕g2.
219. 1...♕d3.
220. 1...♕d4.
221. 1...♕f3.
222. 1...♕c4.
223. 1. ♘c7.
224. 1. ♘f6.
225. 1. ♘d6.
226. 1. ♘e7.
227. 1. ♘f5.
228. 1. ♘c4.
229. 1...♘f2.
230. 1...♘c5.
231. 1...♘c2.
232. 1...♘f3.
233. 1...♘e6.
234. 1...♘f5.
235. 1. ♘xc2.
236. 1. ♘xe2.
237. 1. ♘xb2.
238. 1. ♘xf5.
239. 1. ♘xd2.
240. 1. ♘xd2.
241. 1...♖e8.
242. 1...♘a6.
243. 1...♗d5.
244. 1...♖g8.
245. 1...♗f1.
246. 1...♕h8.
247. 1. ♖c8.
248. 1. ♖a8.
249. 1. ♘f7.
250. 1. ♖e8.
251. 1. ♗d4.
252. 1. ♕e1.
253. 1...♗b7.
254. 1...♘e6.
255. 1...♖b8.
256. 1...♖h3.
257. 1...♘f2.
258. 1...♘xf5.
259. No.
260. No.
261. No.
262. No.
263. Yes.
264. Yes.
265. 1...h3.
266. 1...dxe4.
267. 1...g3.
268. 1...h6.
269. 1...d3.
270. 1...g4.
271. 1. cxb4.
272. 1. exf5.
273. 1. dxe5.
274. 1. exd5.
275. 1. cxd5.
276. 1. dxc5.
277. No.
278. No.
279. Yes.
280. Yes.
281. Yes.
282. Yes.
283. 1. bxa6.
284. 1. fxg6.
285. 1. exf4.
286. 1. dxc5.
287. 1. exd5.
288. 1. gxh4.
289. 1...a5.
290. 1...f5.
291. 1...e5.
292. 1...c5.
293. 1...c5.
294. 1...c5.
295. 1. e4.
296. 1. d4.
297. 1. e4.
298. 1. exd4.
299. 1. e5.
300. 1. a5.
301. 1...a1♕, 1...a1♖.
302. 1...e1♕, 1...e1♗.
303. 1...f1♕, 1...f1♖.
304. 1...f1♕, 1...f1♗.
305. 1...h1♘.
306. 1...d1♘.
307. 1...c3 2. dxc3 e3, and the black pawn queens first.
308. 1...c3 2. dxc3 dxe3.
309. 1...g4 2. hxg4 h3.
310. 1...b3 2. cxb3 d3.

311. 1...b3 2. axb3 axb3.

312. 1...f3 2. exf3 (2. gxf3 e3 3. fxe3 g3) 2...g3 3. fxg3 e3.

313. 1. b5.

314. 1. g5 fxg5 2. f6.

315. 1. c6 dxc6 3. dxe6.

316. 1. e5 dxe5 2. d6 exd6 3. f6.

317. 1. b6 cxb6 2. d6.

318. 1. d5 cxd5 2. b5.

319. 1. a4.

320. 1. e3.

321. 1. h3.

322. 1. c4.

323. 1. f3.

324. 1. c4.

325. 1...e5.

326. 1...g6.

327. 1...b5.

328. 1...e4.

329. 1...e5.

330. 1...c5.

331. 1. cxd7.

332. 1. gxf7.

333. 1. dxc6.

334. 1. exd5.

335. 1. cxd4.

336. 1. gxf6.

337. 1...g5.

338. 1...e5.

339. 1...d5.

340. 1...f6.

341. 1...e5.

342. 1...a3.

343. 1. ♖h2.

344. 1. ♕g1.

345. 1. ♗f3.

346. 1. ♘d5.

347. 1. ♘e3.

348. 1. ♕a2.

349. 1...♗b7.

350. 1...♘f7.

351. 1...e4.

352. 1...♘g3.

353. 1...♖e8.

354. 1...♘e3.

355. 1. ♖a3.

356. 1. ♖f8.

357. 1. ♗g7.

358. 1. ♗c7.

359. 1. ♘f2.

360. 1. ♘c3.

361. 1. ♖xh2.

362. 1. ♖d3.

363. 1. ♖d4.

364. 1. ♖d1.

365. 1. ♖e1.

366. 1. ♖c8.

367. 1...a2.

368. 1...c2.

369. 1...e2. 2. ♖a1 d3.

370. 1...e2 2. ♖xd2 e1♕.

371. 1...d2 2. ♖d6 e3.

372. 1...f4. 2. ♖d1 e2.

373. 1. ♗g3.

374. 1. ♗f3.

375. 1. ♗c1 e2 2. ♗d2.

376. 1. ♗h1 f2 2. ♗g2.

377. 1. ♗f6 (1...f5 was threatened).

378. 1. ♗c8 h2 2. ♗b7.

379. 1...e2.

380. 1...f2.

381. 1...h3.

382. 1...d3 2. ♗b4 a2.

383. 1...g3 2. ♗e6 g2.

384. 1...f3.

385. 1. ♘e2.

386. 1. ♘e2.

387. 1. ♘xa2.

388. 1. ♘g5.

389. 1. ♘h3.

390. 1. ♘h3 (but not 1. ♘xg2 h3).

391. 1...e2.

392. 1...c3.

393. 1...e3.

394. 1...a3.

395. 1...h3.

396. 1...d3.

397. 1. ♕b2.

398. 1. ♕d1.

399. 1. ♕h3.

400. 1. ♕e3.

401. 1. ♕c5.

402. 1. ♕a8.

403. 1...♕g8.

404. 1...♕e8.

405. 1...♕d6.

406. 1...♕b6.

407. 1...♕f8.

408. 1...♕c2 2. a7 ♕c6.

409. 1. ♔b1.

410. 1. ♔h2.

411. 1. ♔a2, 1. ♔b1.

412. 1. ♔a1, 1. ♔c1.

413. 1. ♔a3, 1. ♔a5.

414. 1. ♔c1, 1. ♔e1.

415. 1...♔d4.

416. 1...♔d4.

417. 1...♔e5.

418. 1...♔d7.

419. 1...♔d5.

420. 1...♔e3.

421. 1. ♔g2.

422. 1. ♔d4.

423. 1. ♔g7.

424. 1. ♔b6.

425. 1. ♔d7.

426. 1. ♔e4.

427. 1...♔xf3.

428. 1...♔xd4.

429. 1...♔xc3.

430. 1...♔xe4.

431. 1...♔xf5.

432. 1...♔xc5.

433. 1. ♔xa5.

434. 1. ♔xe3.

435. 1. ♔xd3.

436. 1. ♔xe4.

437. 1. ♔xd3.

438. 1. ♔xf4.

439. 1. ♔d3.

440. 1. c4.

441. 1. ♗c2.

442. 1. ♘f3.

443. 1. ♘g3.

444. 1. ♗c4.

445. 1...♔f3.

446. 1...♗d6.

447. 1...♘f6.

448. 1...♗h6.

449. 1...♗d5.

450. 1...d5.

451. 1. ♔f1.

452. 1. ♔e1.

453. 1. ♔a2.

454. 1. ♔g3.

455. 1. ♔a6 c5 2. ♔b5.

456. 1. ♔h6 e5 2. ♔g5 (or 2. ♔h5).

457. 1. ♔b1.

458. 1. ♔g1.

459. 1. g4.

460. 1. ♔g7.

461. 1. a4.

462. 1. e4.

463. 1...♔g7.

464. 1...g3.

465. 1...g6.

466. 1...g5.

467. 1...♔c7.

468. 1...g6 2. ♗g8 ♔e6.

469. 1. ♔b1.

470. 1. g5.

471. 1. ♔f7.

472. 1. b3.

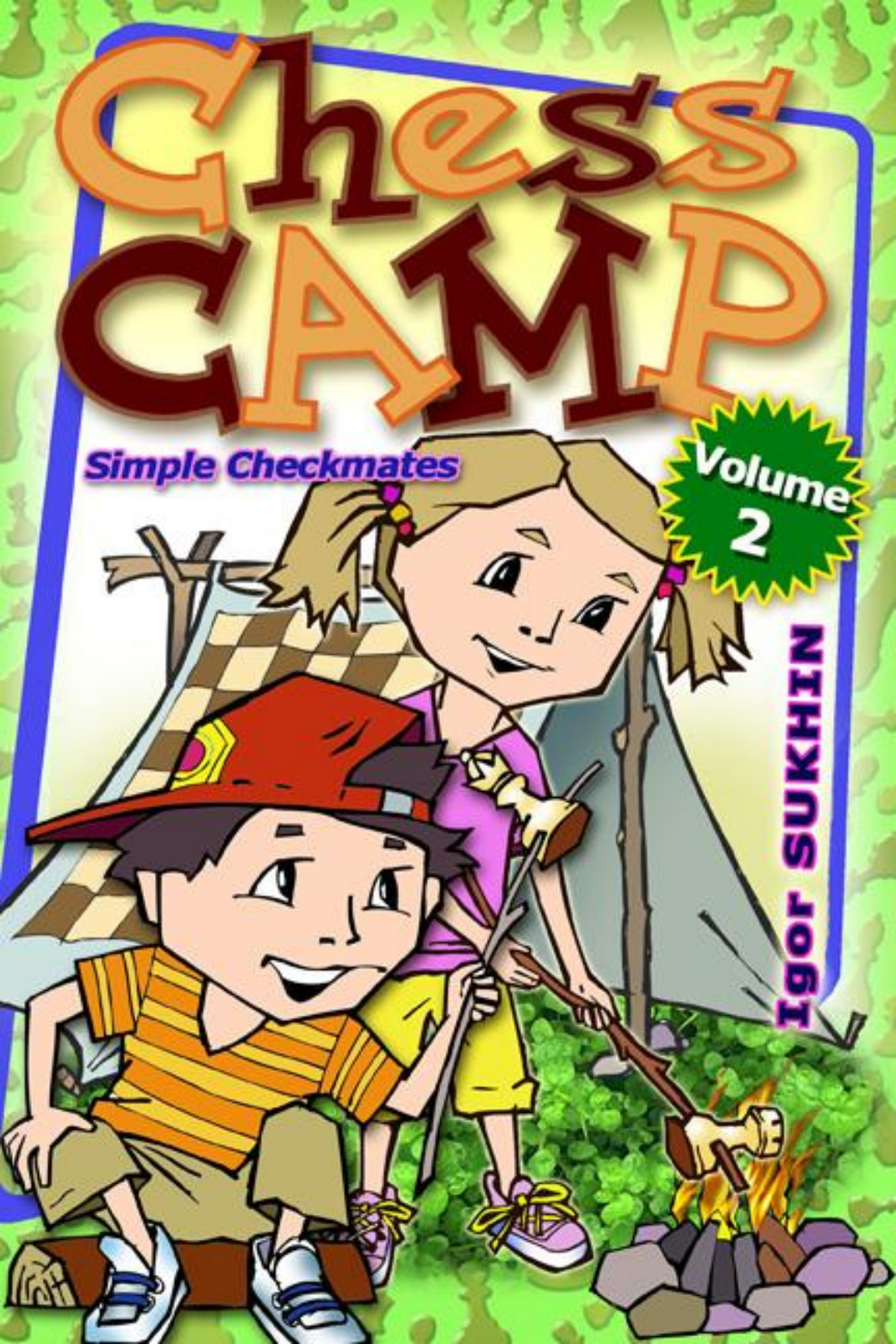
473. 1. f3.

474. 1. e4.
475. 1...♔b2.
476. 1...♔f6.
477. 1...c6.
478. 1...♔e7.
479. 1...b5.
480. 1...g5.
481. 1. a7.
482. 1. f7.
483. 1. exf7.
484. 1. d7.
485. 1. b7.
486. 1. cxb7.
487. No.
488. No.
489. No.
490. No.
491. Yes.
492. Yes.
493. 1. ♖d4+.
494. 1. ♖c3+.
495. 1. ♖g2+.
496. 1. ♖c6+.
497. 1. ♖b1+.
498. 1. ♖a2+.
499. 1...♗d5+.
500. 1...♗b3+.
501. 1...♗d6+.
502. 1...♗b6+.
503. 1...♗a6+.
504. 1...♗h7+.
505. 1. ♘c7+.
506. 1. ♘f6+.
507. 1. ♘c4+.
508. 1. ♘c6+.
509. 1. ♘d6+.
510. 1. ♘g5+.
511. 1...c1♕+, 1...c1♖+.
512. 1...e1♕+, 1...e1♗+.
513. 1...d1♘+.
514. 1...d2+.
515. 1...d5+.
516. 1...c6+.
517. 1. ♕f4+.
518. 1. ♕h2+.
519. 1. ♕h8+.
520. 1. ♕g5+.
521. 1. ♕e7+.
522. 1. ♕h8+.
523. 1...♔h7.
524. 1...♔xe7.
525. 1...♗a7.
526. 1...♘xc8.
527. 1...♔h7.
528. 1...♗b7.
529. 1. e5+.
530. 1. e6+.
531. 1. fxe6+.
532. 1. ♔h2+.
533. 1. ♘f1+.
534. 1. ♘d3+.
535. 1...axb5+.
536. 1...e5+.
537. 1...♘d5+.
538. 1...♘d3+.
539. 1...♗e6+.
540. 1...♖e7+.
541. 1. ♗e5++.
542. 1. ♘c6++.
543. 1. ♖h3++.
544. 1. ♘c3++.
545. 1. ♖d6++.
546. 1. ♘c6++.
547. 1...♘c2++.
548. 1...♗e4++.
549. 1...♖f3++.
550. 1...♘e5++.
551. 1...♗g4++.
552. 1...exd4++.
553. No.
554. No.
555. No.
556. No.
557. Yes.
558. Yes.
559. No.
560. No.
561. No.
562. No.
563. Yes.
564. Yes.
565. Stalemate.
566. Stalemate.
567. Not stalemate.
568. Stalemate.
569. Not stalemate.
570. Not stalemate.
571. Not stalemate.
572. Not stalemate.
573. Not stalemate.
574. Stalemate.
575. Stalemate.
576. Stalemate.
577. Stalemate.
578. Stalemate.
579. Stalemate.
580. Stalemate.
581. Checkmate.
582. Stalemate.
583. Stalemate.
584. Checkmate.
585. Checkmate.
586. Stalemate.
587. Stalemate.
588. Stalemate.
589. 1. ♖b7+ ♔a8 2. ♖b8+ ♔a7.
590. 1. ♗f7+ ♔h7 2. ♗g6+ ♔g8.
591. 1. ♘b6+ ♔a7 2. ♘c8+ ♔a8.
592. 1. ♖f7+ ♔g8 (or 1...♔h8) 2. ♖f8+ ♔g7 (or 1...♔h7).
593. 1. ♘b3+ ♔b1 2. ♘d2+ ♔a1 (or 2...♔c1) 3. ♘b3+.
594. 1. ♕xh6+ ♔g8 2. ♕g6+ ♔h8.
595. 1...♖e2+ 2. ♔d1 ♖d2+.
596. 1...♖xg3+ 2. ♔h2 ♖g2+.
597. 1...♗d1+ 2. ♔b5 ♗e2+.
598. 1...♗d4+ 2. ♔e1 ♗c3+.
599. 1...♘g4+ 2. ♔h5 ♘f6+.
600. 1...♘c5+ 2. ♔a5 ♘b3+.
601. No.
602. No.
603. No.
604. Yes.
605. Yes.
606. No.
607. No.
608. No.
609. No.
610. Yes.
611. No.
612. No.
613. Yes.
614. No.
615. No.
616. Yes.
617. No.
618. No.
619. Yes.
620. Yes.
621. No.
622. No.
623. No.
624. No.

Chess CAMP

Simple Checkmates

Volume 2



Igor SUKHIN

Igor Sukhin

Chess Camp

Volume 2: Simple Checkmates

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Note for Coaches, Parents, Teachers, and Trainers

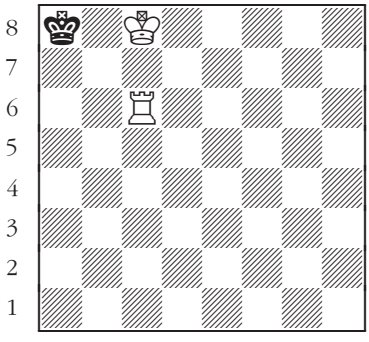
The ability to deliver mate is the foundation of the art of chess. But in the mass of chess literature little attention is usually paid to this extremely important stage of learning – problems where you give checkmate in just one move. Books that do include exercises on this theme have three faults: a) the positions aren't classified; b) in the descriptions they tell you which piece will deliver mate, a circumstance which doesn't correspond to the reality of a chess game; and c) there are less than 300 problems, which isn't enough to acquire the skill of checkmating.

Our collection doesn't have those deficiencies. It contains 540 precisely-structured three-, four-, and five-piece positions that cover the typical mating setups for that particular number of pieces. There is also a practice section in the book (54 five-piece positions) and a section of entertaining puzzles (24 positions). After solving all 618 problems, the beginning chessplayer will master the typical mating patterns and gain a solid basis for further improvement.

Positions with Three Pieces

King + rook vs. king

White to move.



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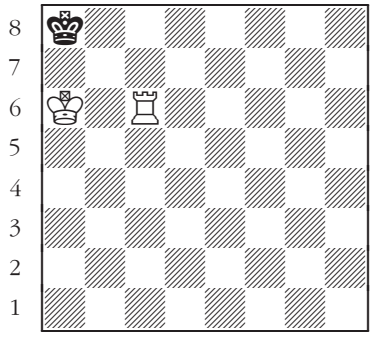

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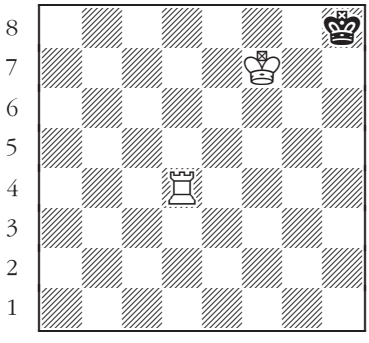

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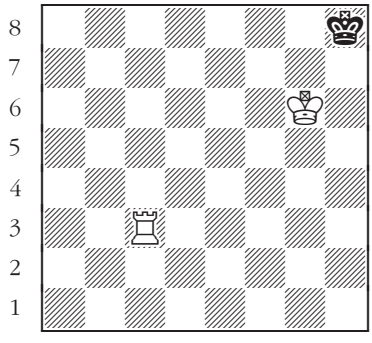

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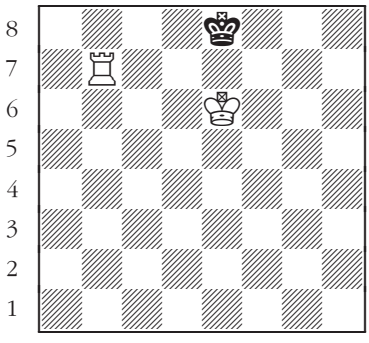

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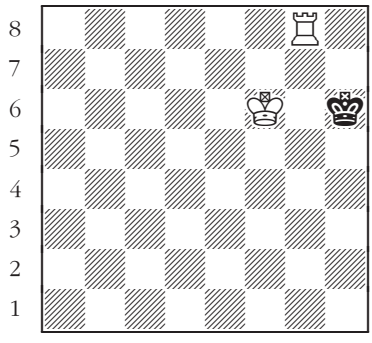
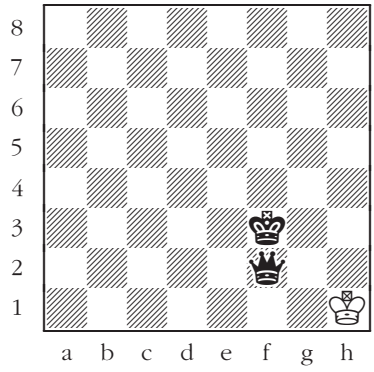


6

King + queen vs. king

Black to move.



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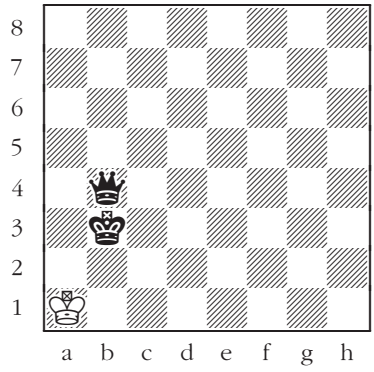

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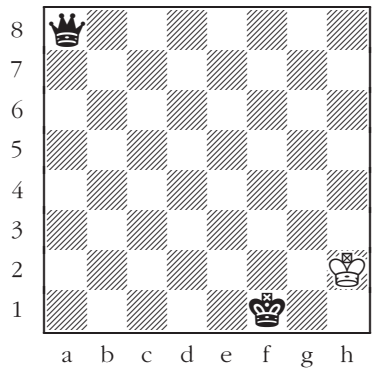

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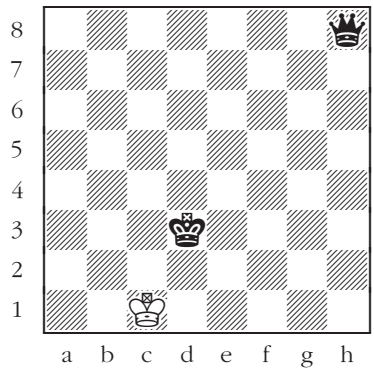

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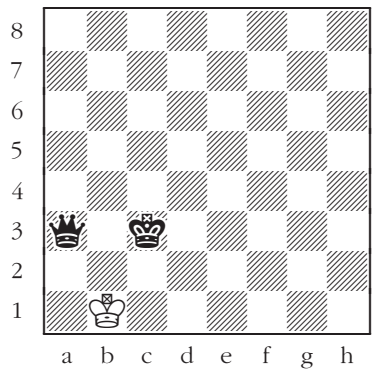
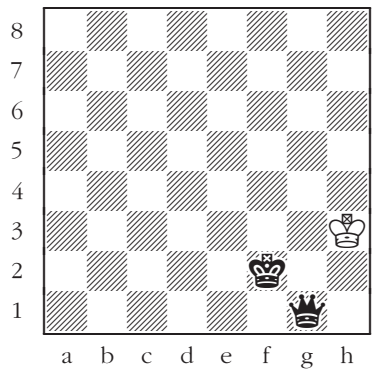


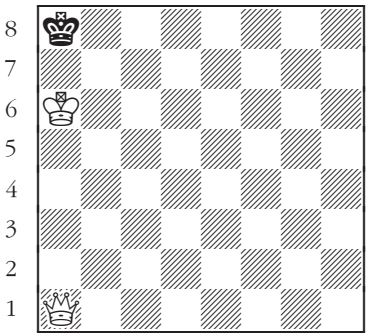
11



12

King + queen vs. king

White to move.



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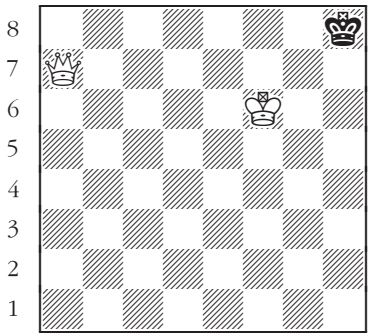

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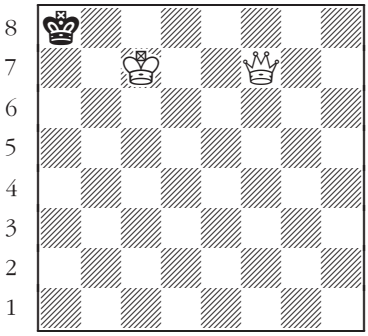

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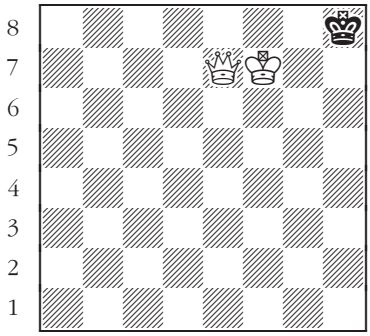

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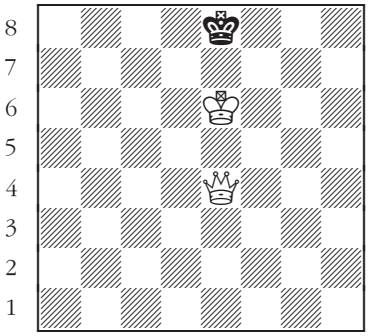

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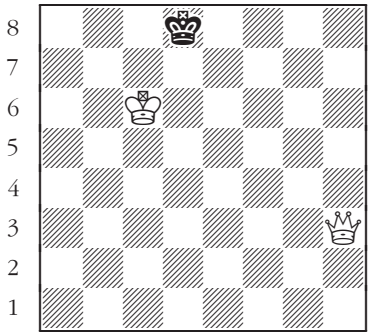
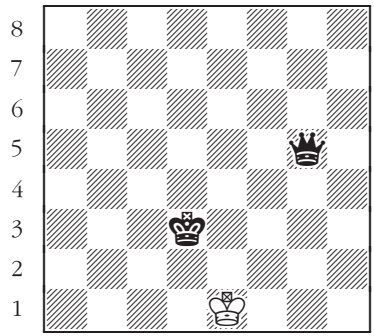


18

King + queen vs. king

Black to move.



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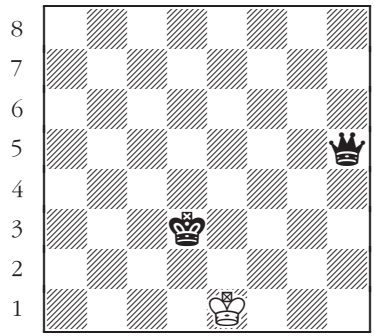

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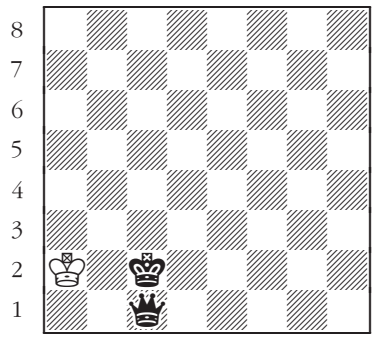

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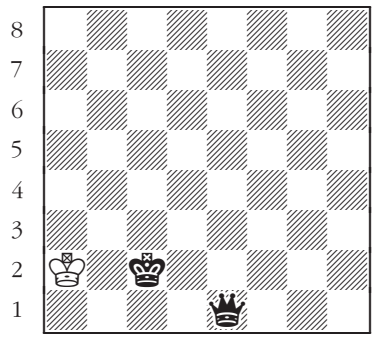

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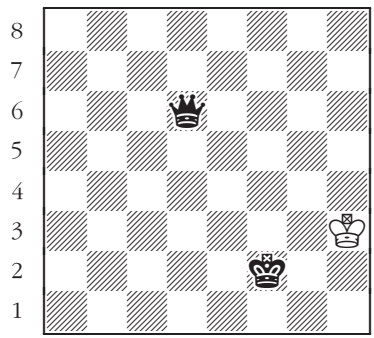

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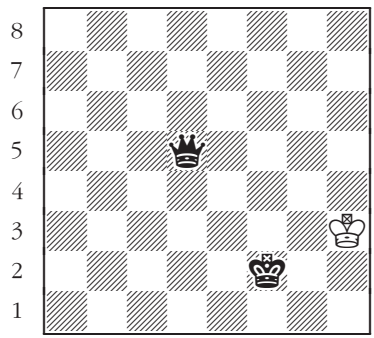
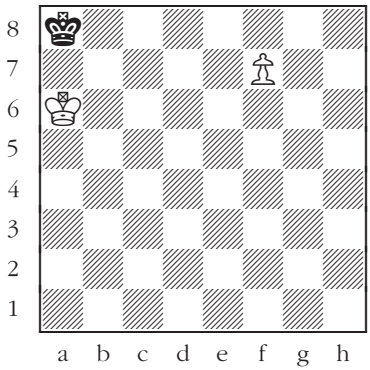


24

King + pawn vs. king

White to move.



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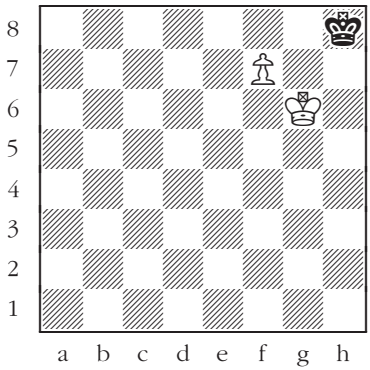

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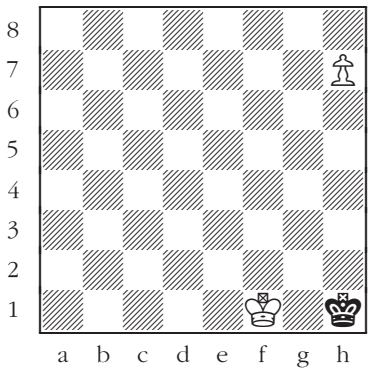

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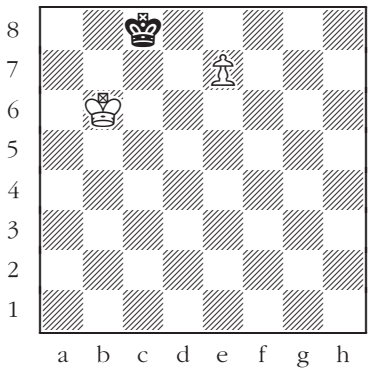

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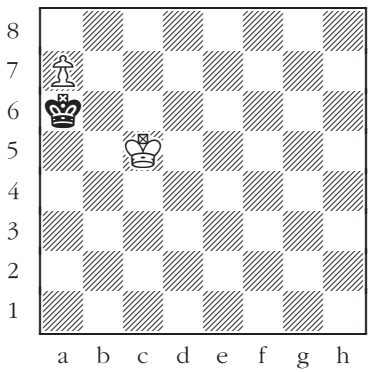

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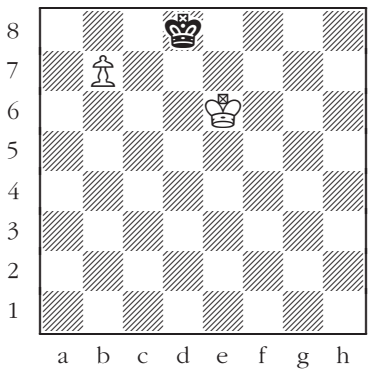
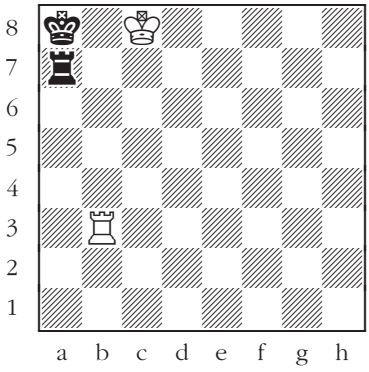


30

Positions with Four Pieces

King + rook vs. king + rook

White to move.



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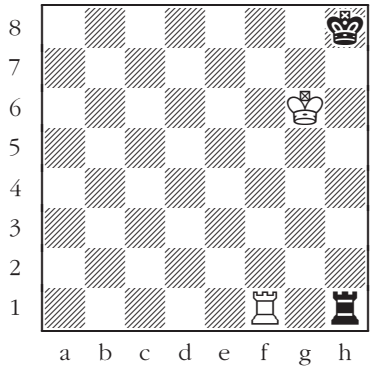

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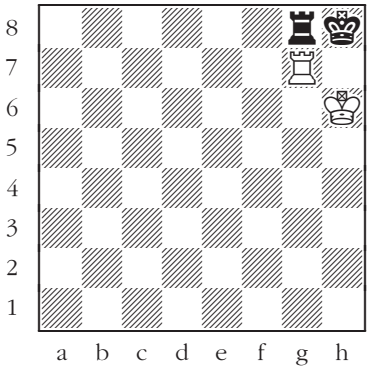

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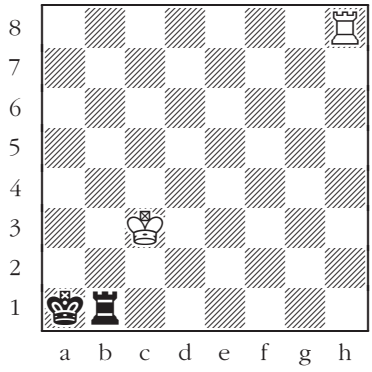

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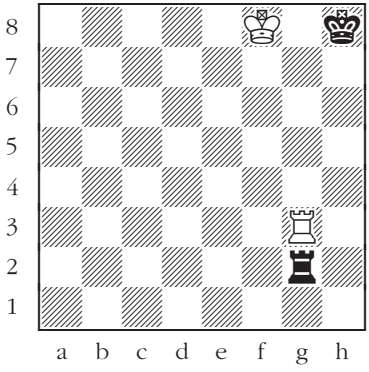

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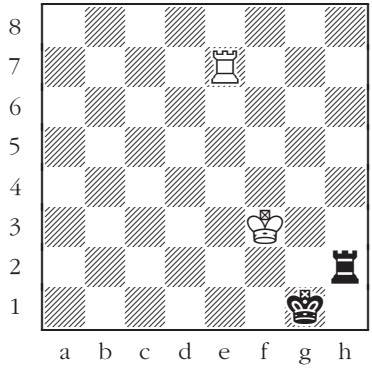
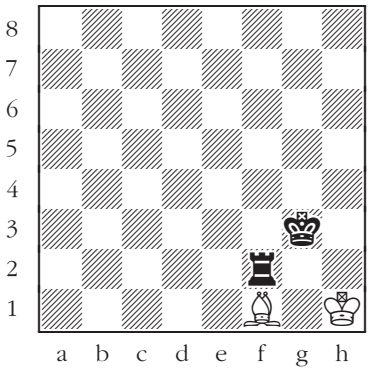


36

King + rook vs. king + bishop

Black to move.



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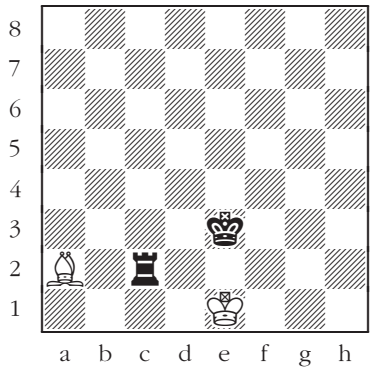

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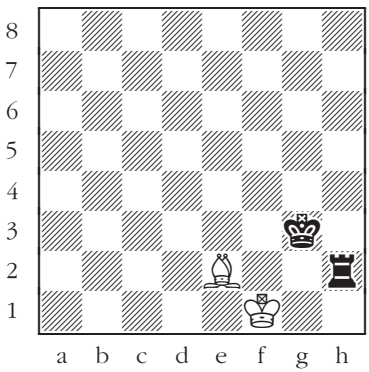

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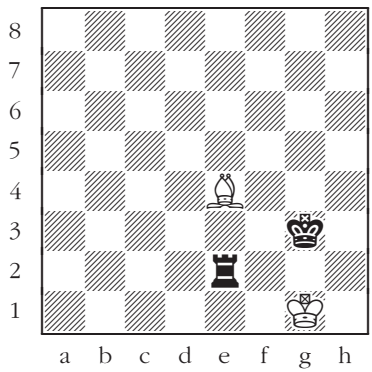

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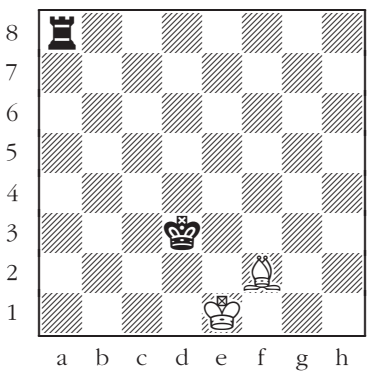

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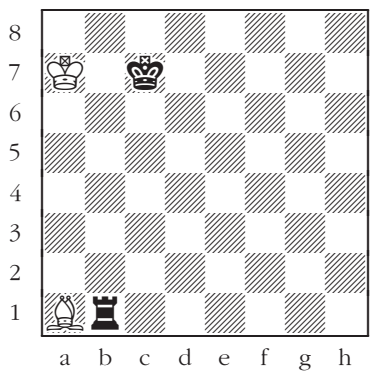
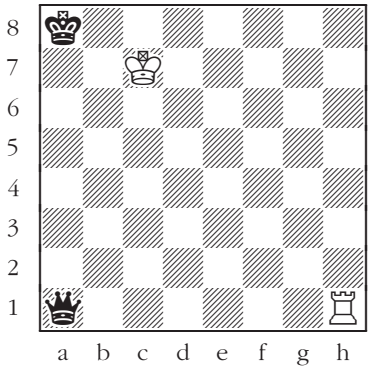


42

King + rook vs. king + queen

White to move.



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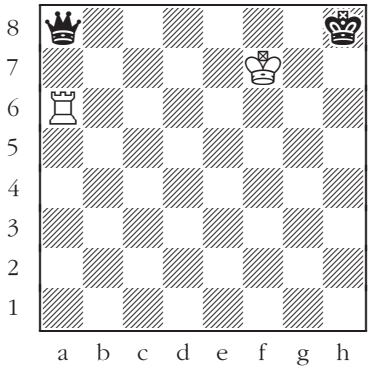

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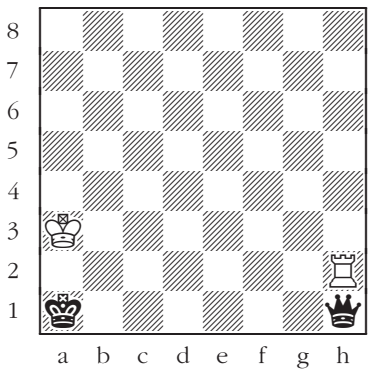

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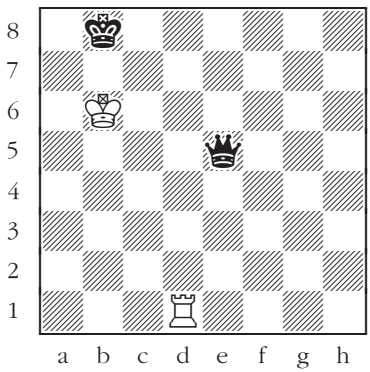

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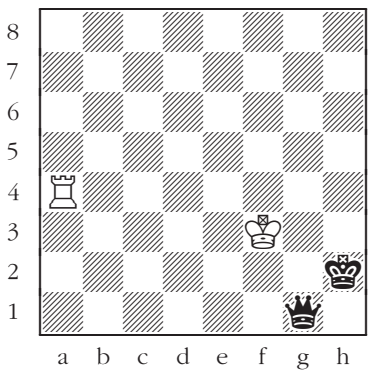

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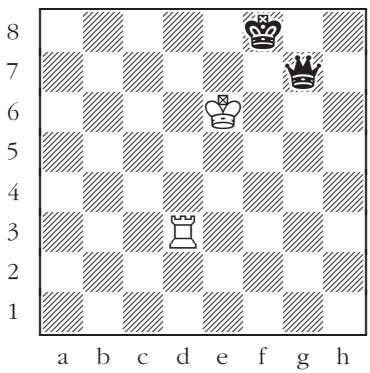
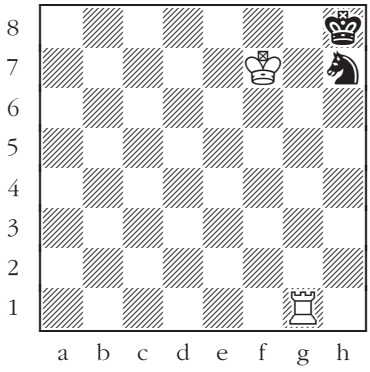


48

King + rook vs. king + knight

White to move.



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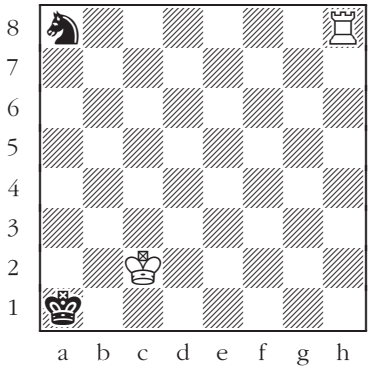

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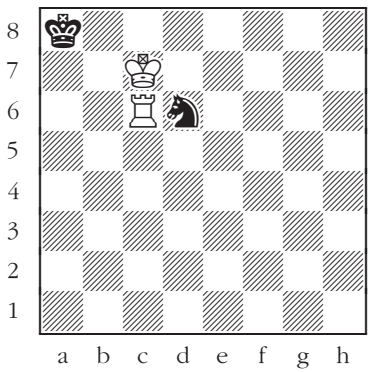

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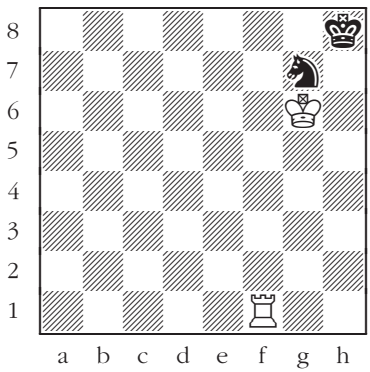

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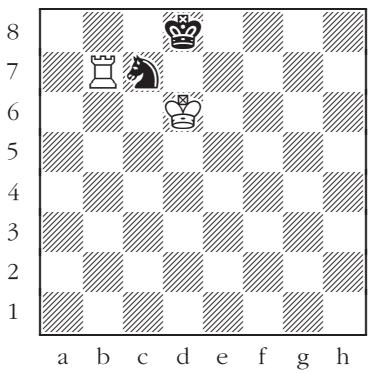

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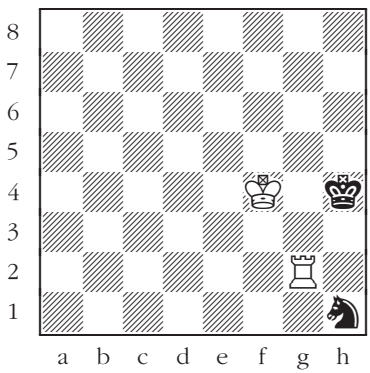
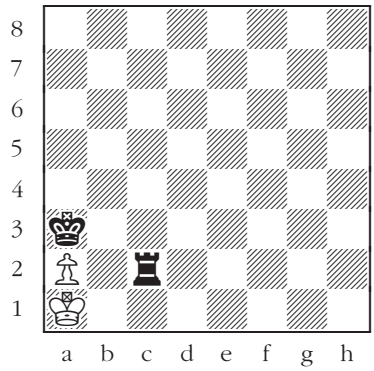


54

King + rook vs. king + pawn

Black to move.



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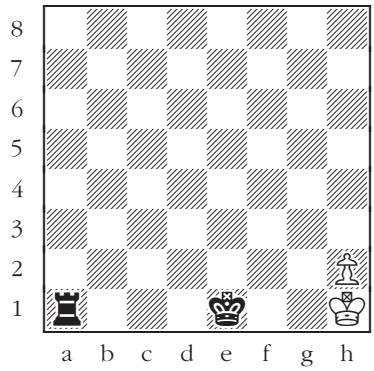

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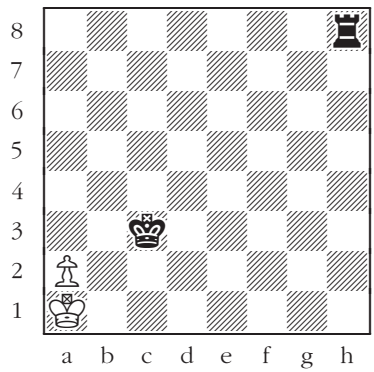

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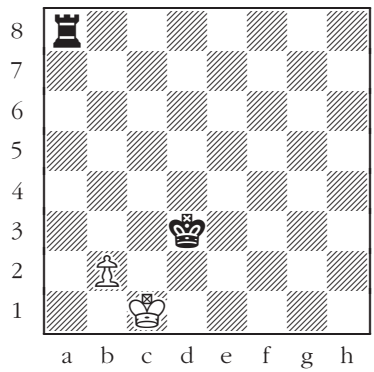

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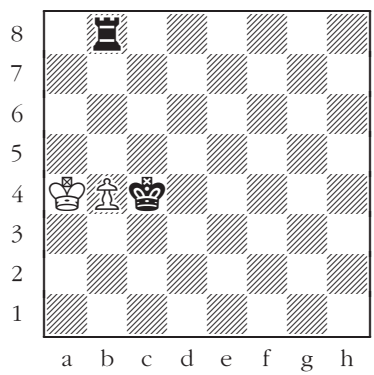

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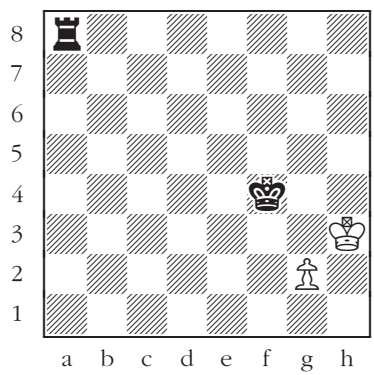
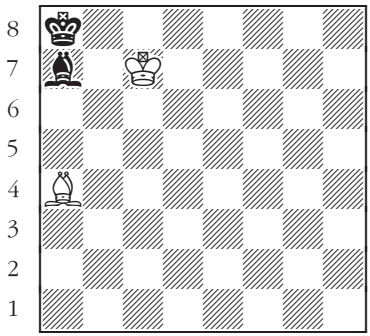


60

King + bishop vs. king + bishop

White to move.



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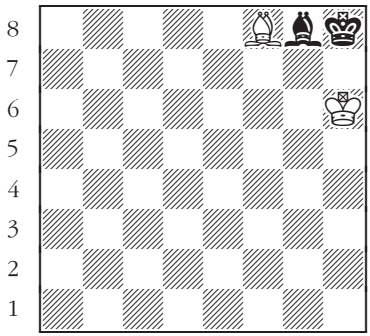

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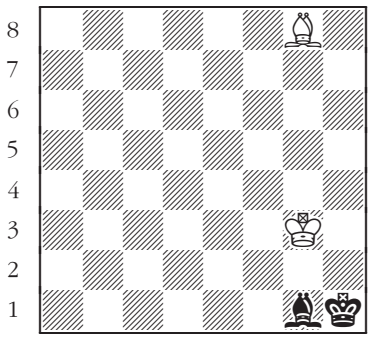

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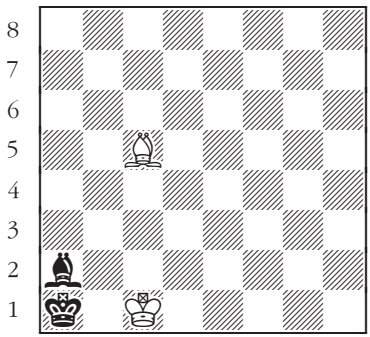

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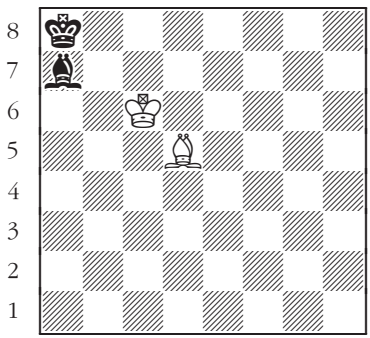

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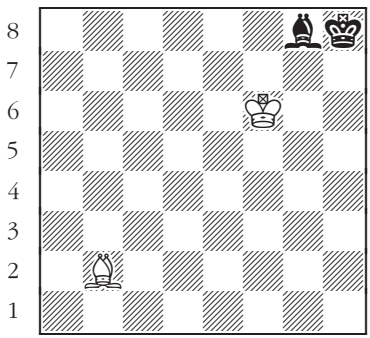
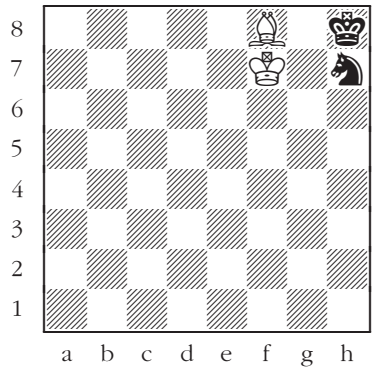


66

King + bishop vs. king + knight

White to move.



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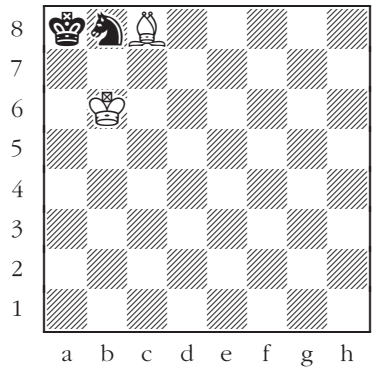

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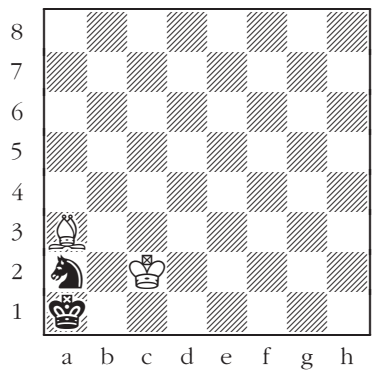

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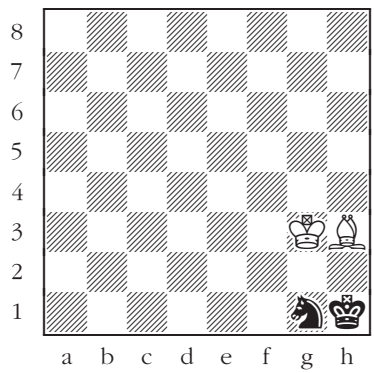

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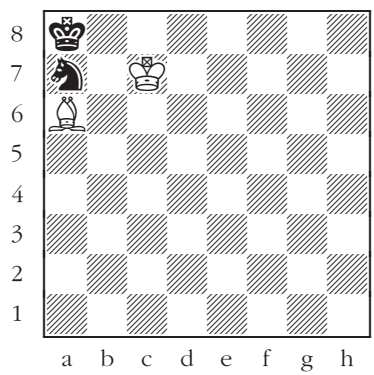

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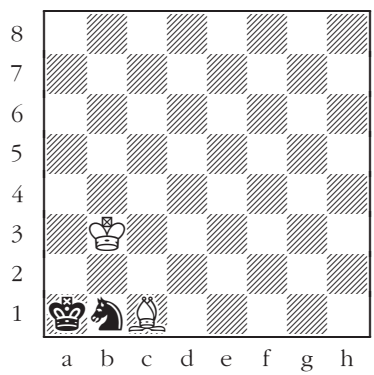
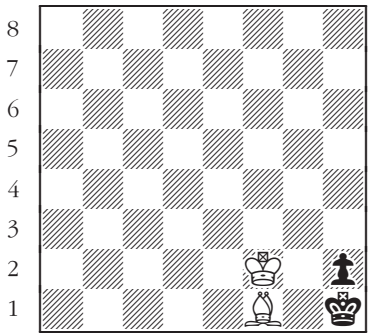


72

King + bishop vs. king + pawn

White to move.



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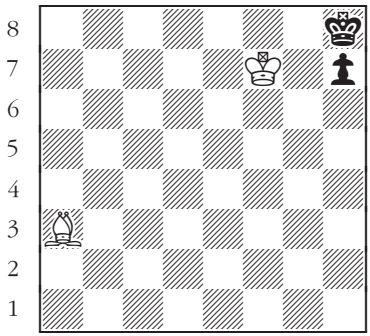

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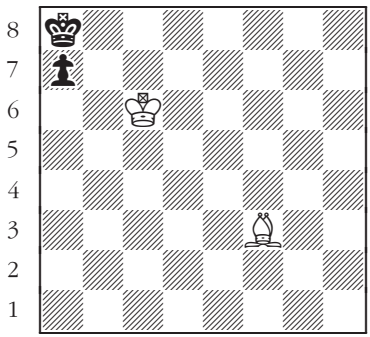

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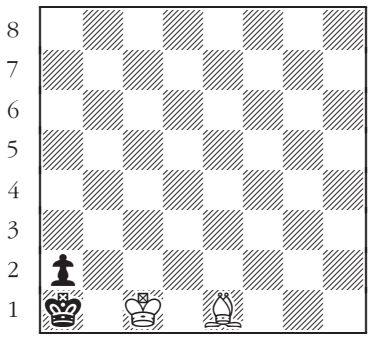

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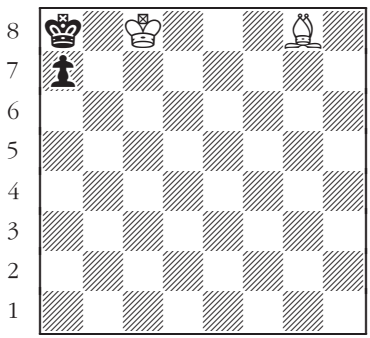

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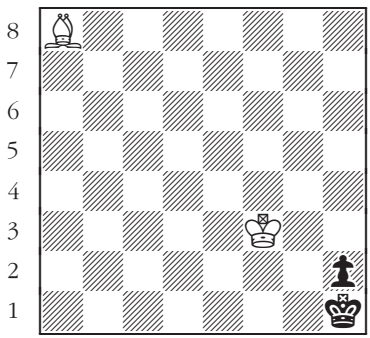
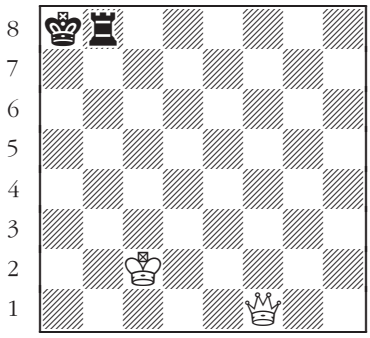


78

King + queen vs. king + rook

White to move.



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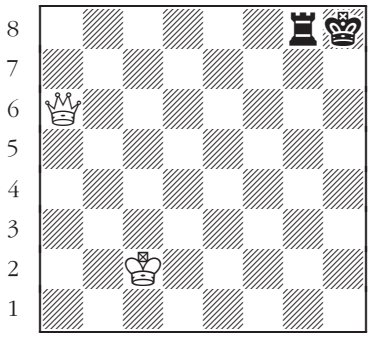

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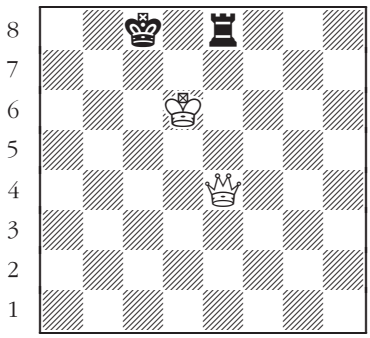

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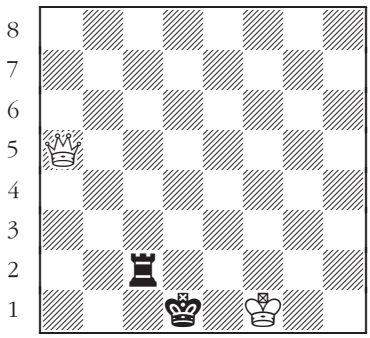

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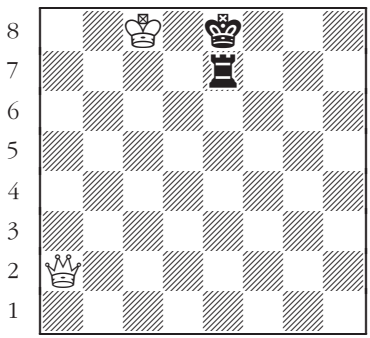

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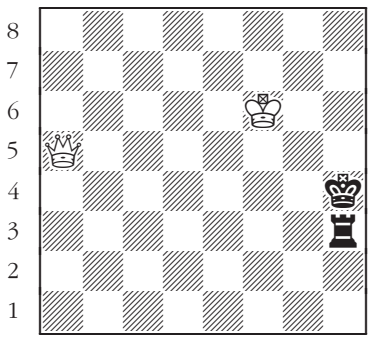
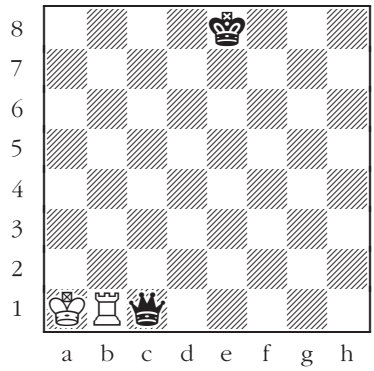


84

King + queen vs. king + rook

Black to move.



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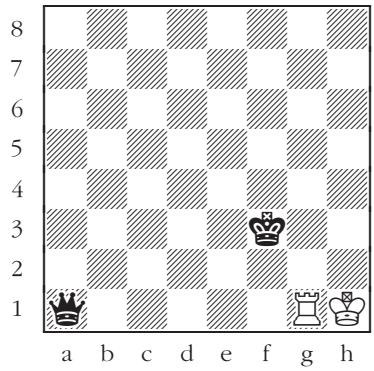

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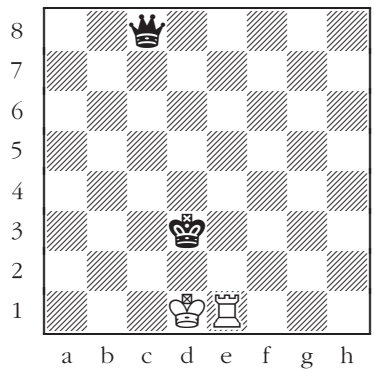

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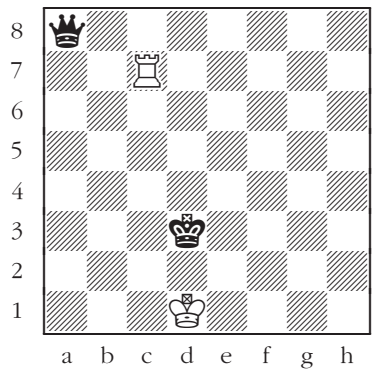

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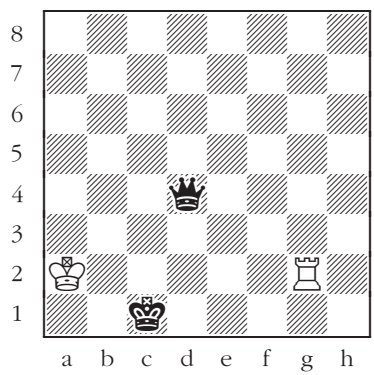

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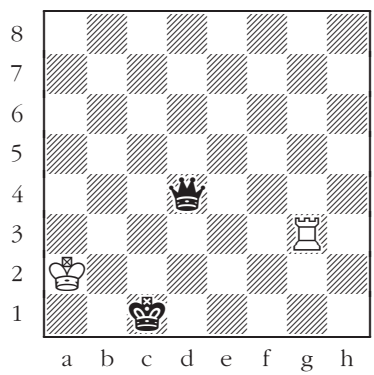
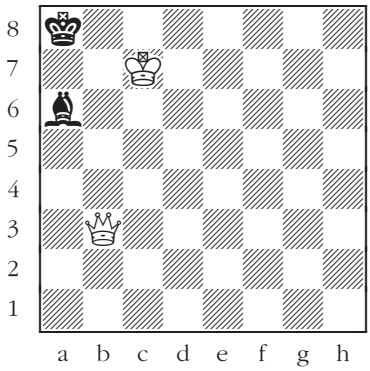


90

King + queen vs. king + bishop

White to move.



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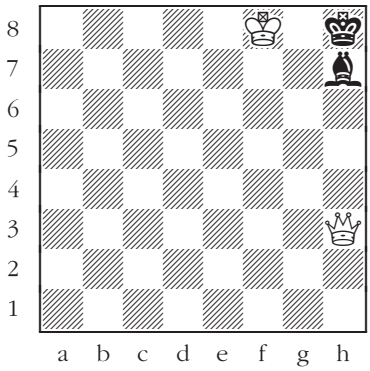

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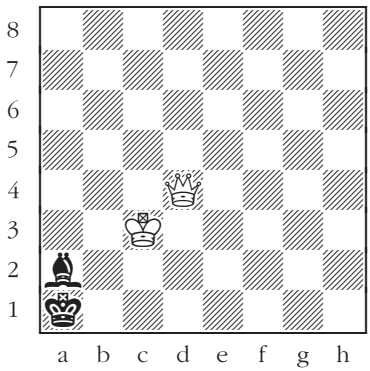

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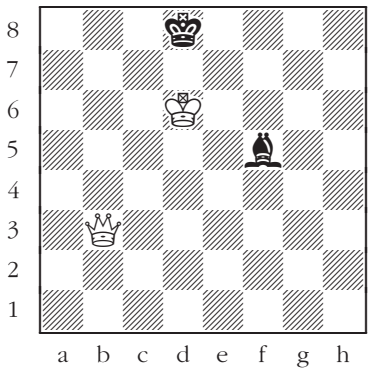

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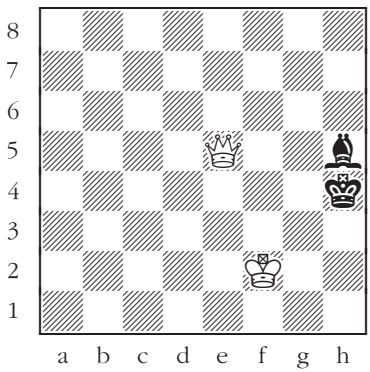

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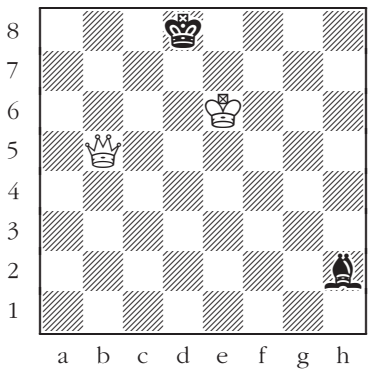
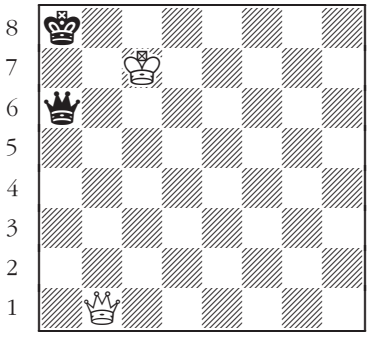


96

King + queen vs. king + queen

White to move.



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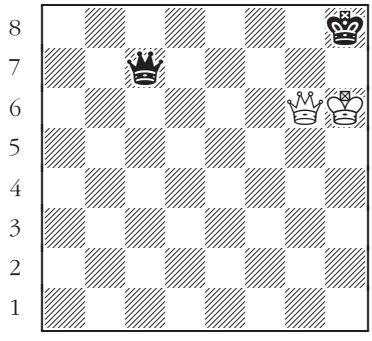

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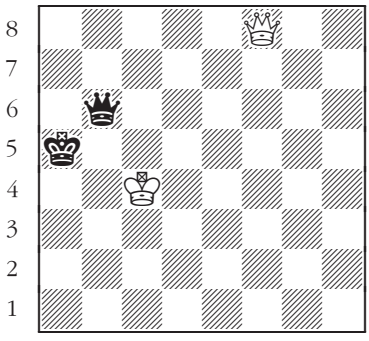

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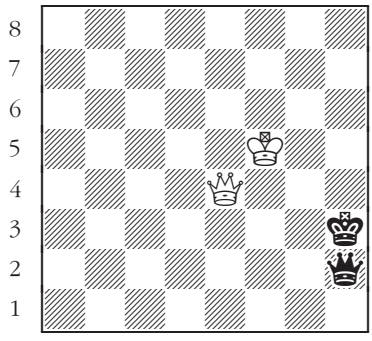

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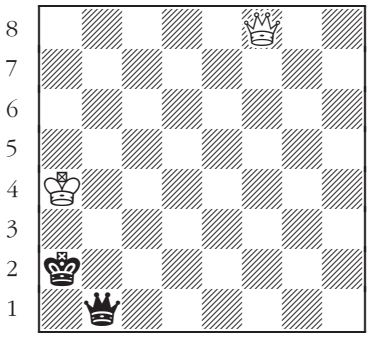

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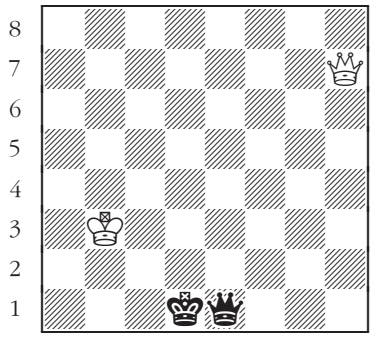
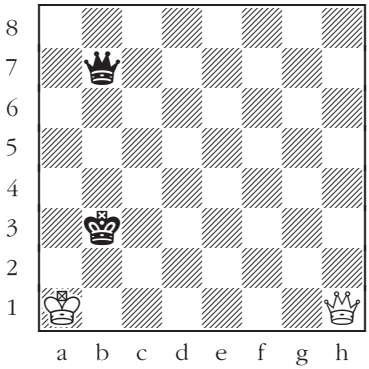


102

King + queen vs. king + queen

Black to move.



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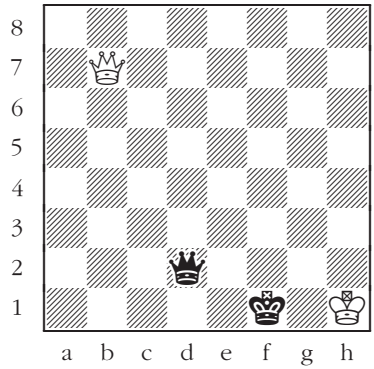

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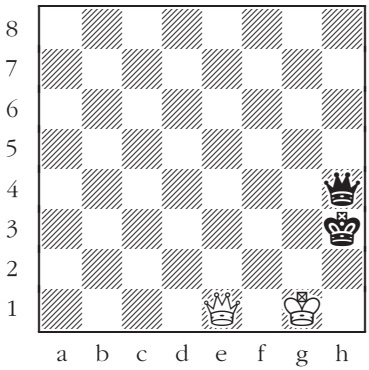

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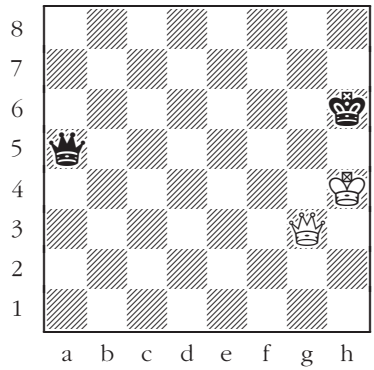

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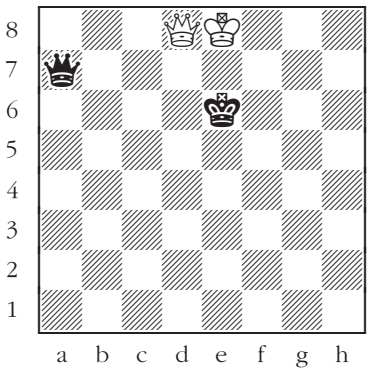

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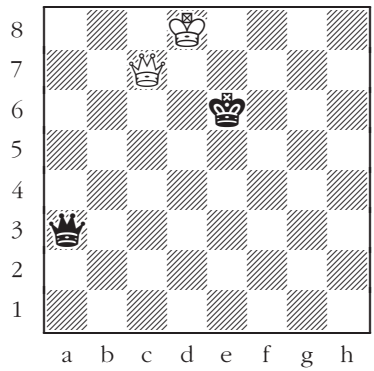
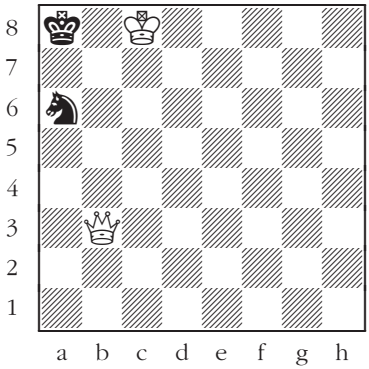


108

King + queen vs. king + knight

White to move.



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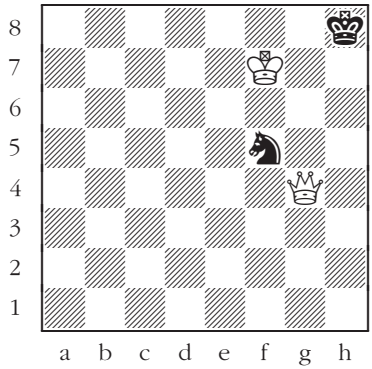

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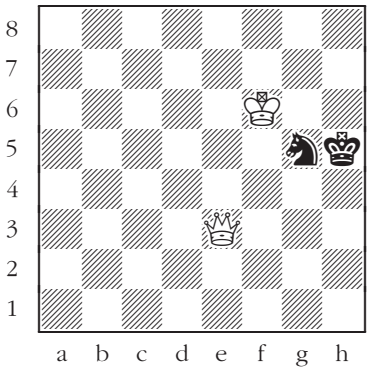

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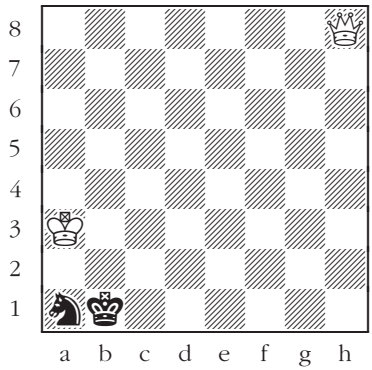

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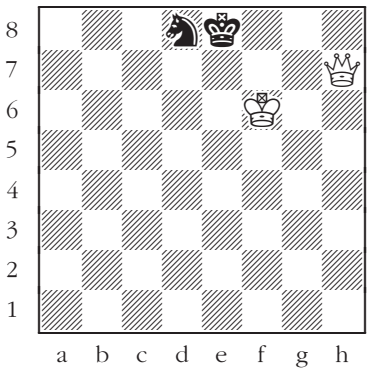

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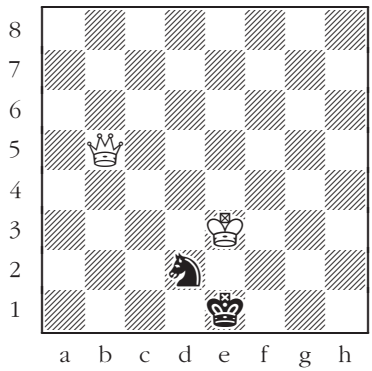
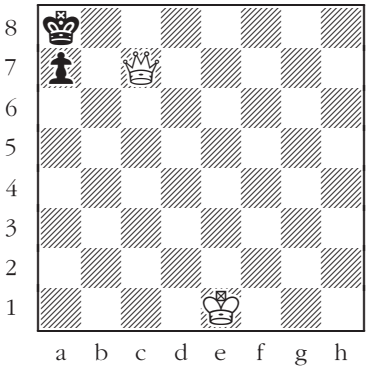


114

King + queen vs. king + pawn

White to move.



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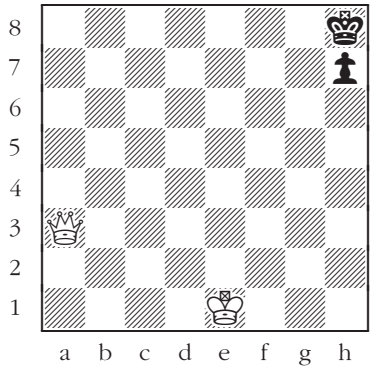

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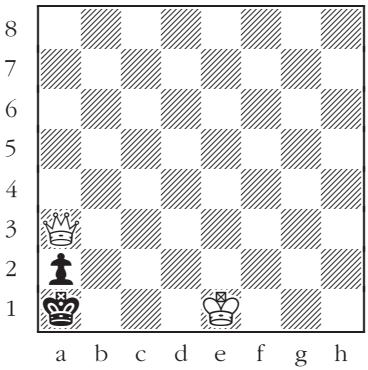

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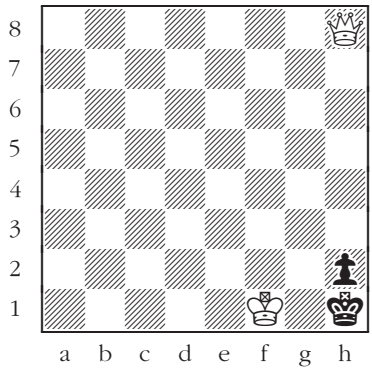

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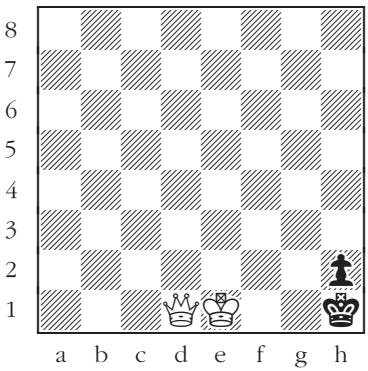

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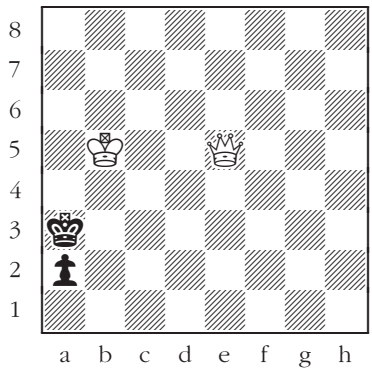
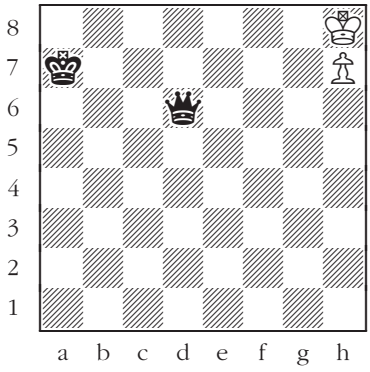


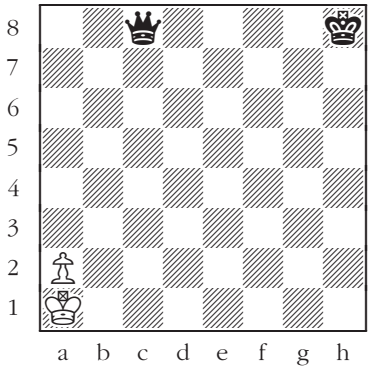
120

King + queen vs. king + pawn

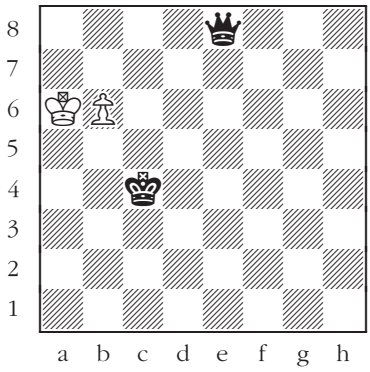
Black to move.



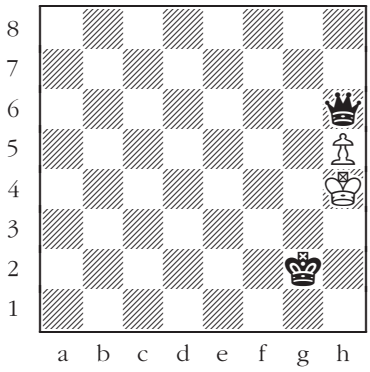
121



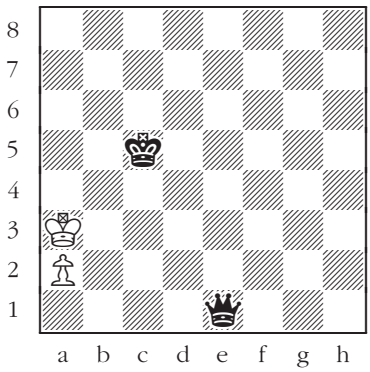
122



123



124



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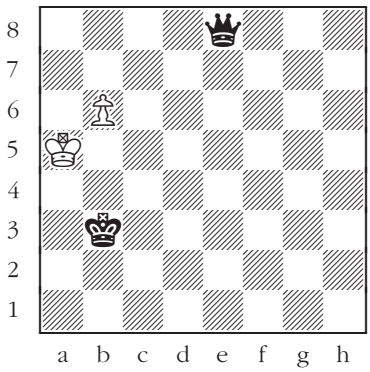
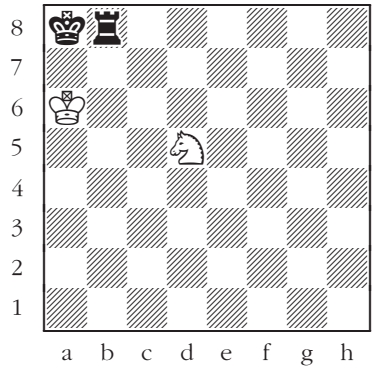


126

King + knight vs. king + rook

King + knight vs. king + bishop

White to move.



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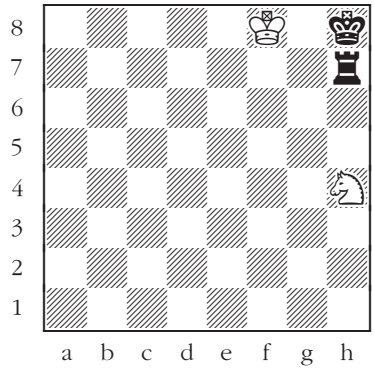
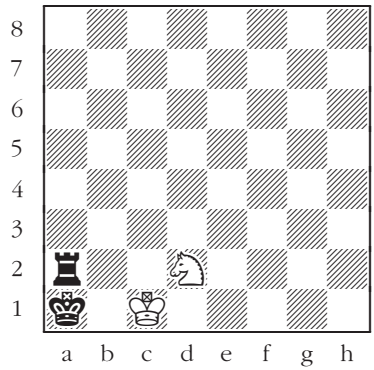
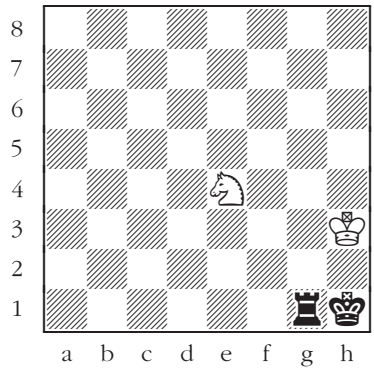


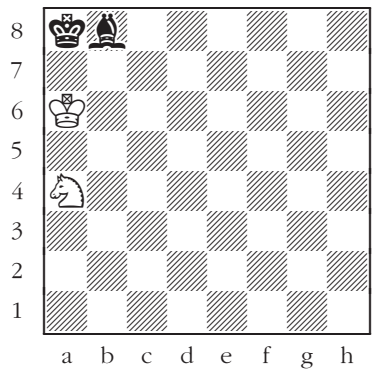
128



129



130



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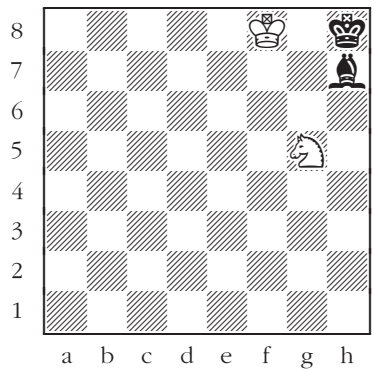
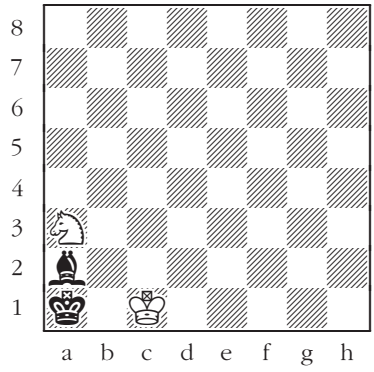


132

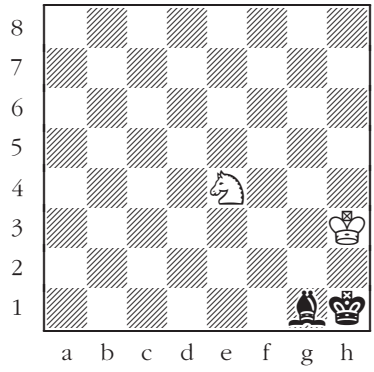
King + knight vs. king + bishop

King + knight vs. king + knight

White to move.



133



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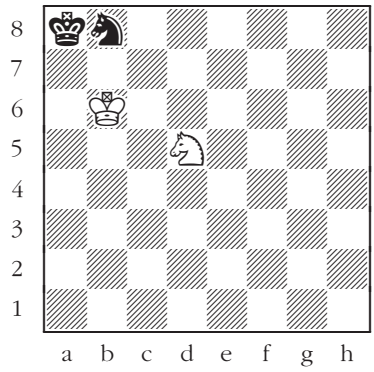

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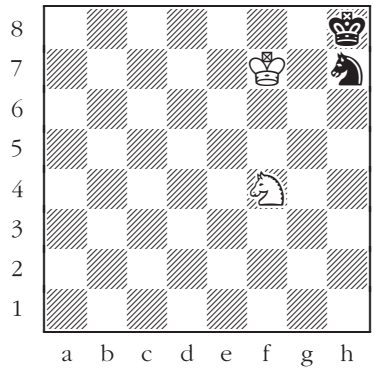

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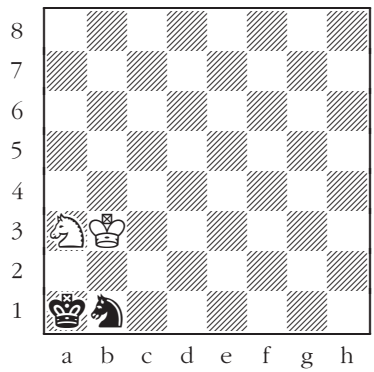

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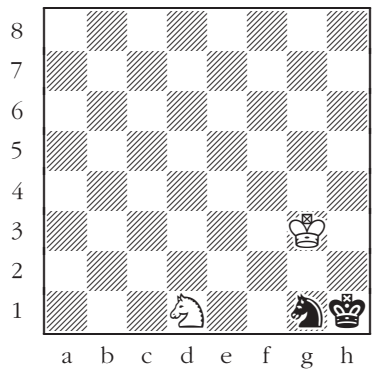
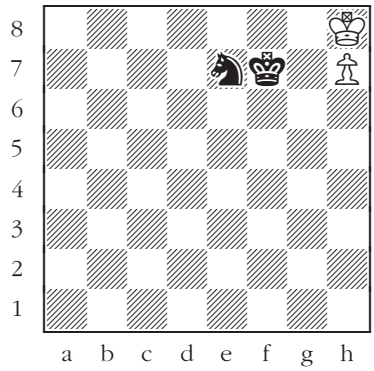


138

King + knight vs. king + pawn

Black to move.



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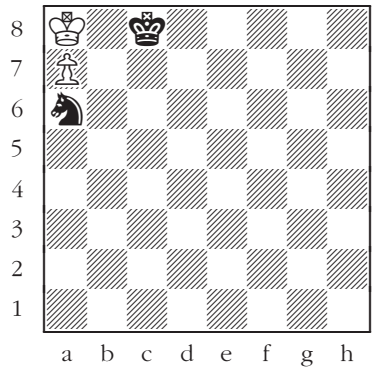

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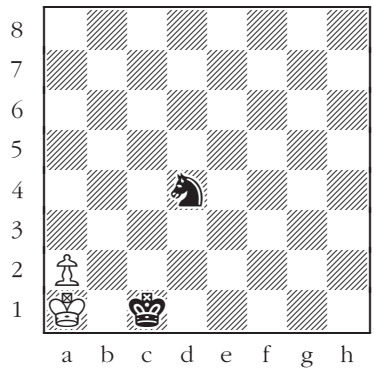

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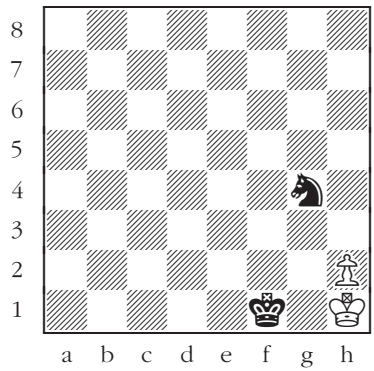

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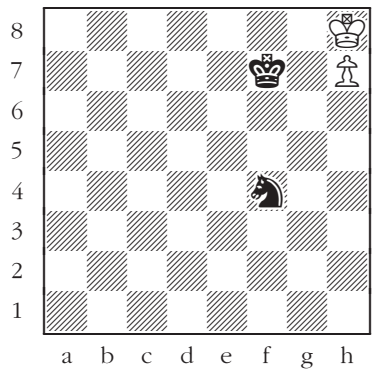

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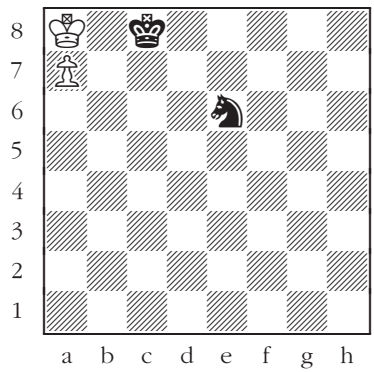
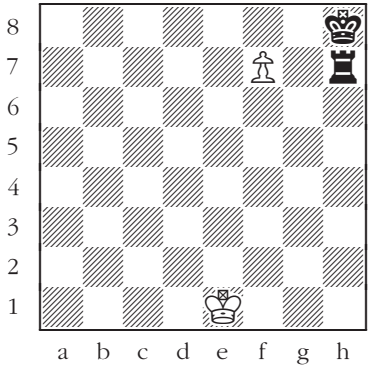


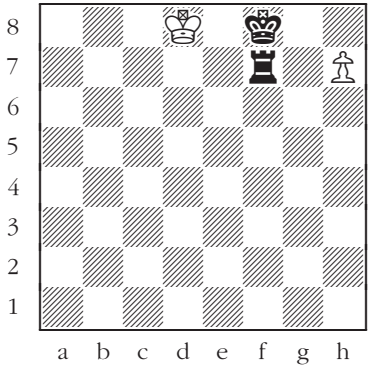
144

King + pawn vs. king + rook

White to move.



145



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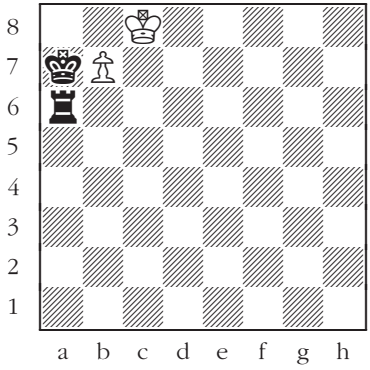

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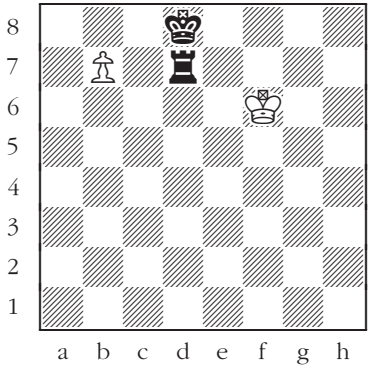

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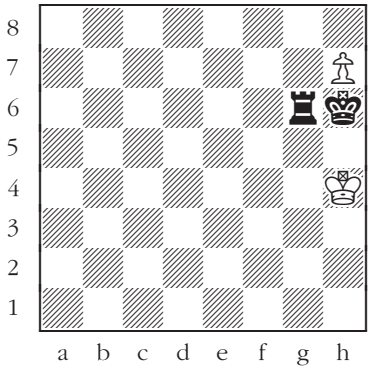

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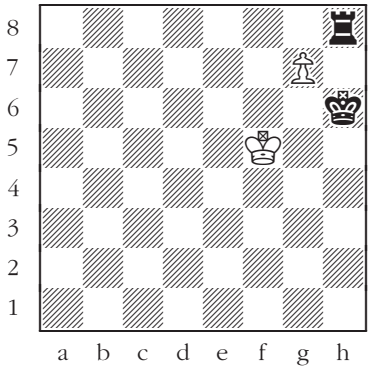
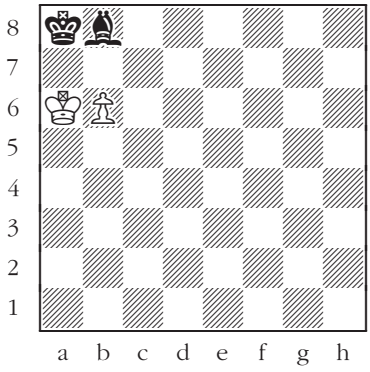


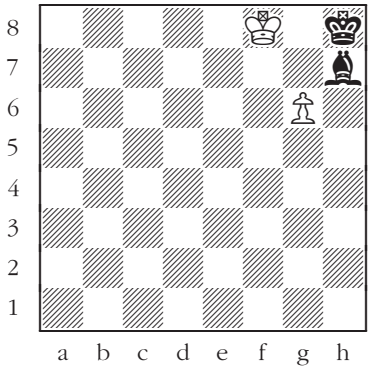
150

King + pawn vs. king + bishop

White to move.



151



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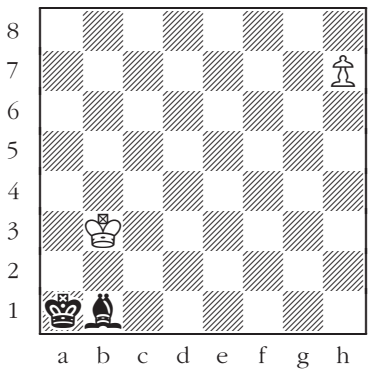

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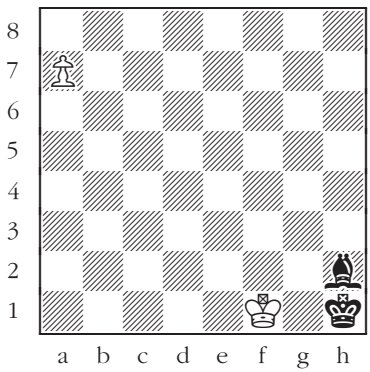

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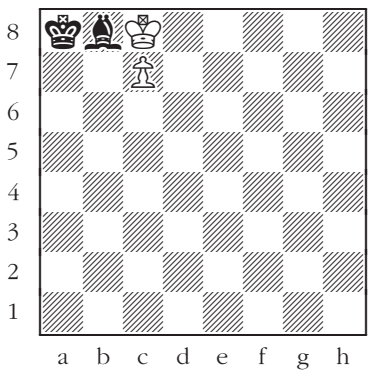

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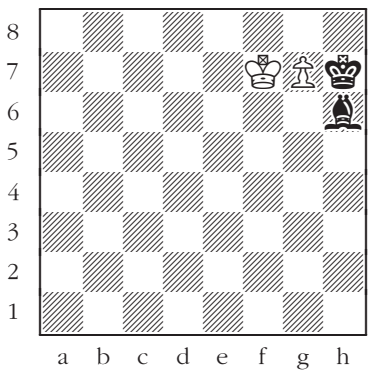
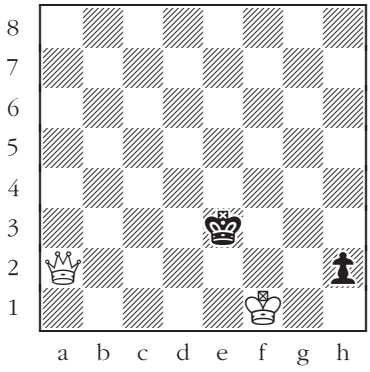


156

King + pawn vs. king + queen

Black to move.



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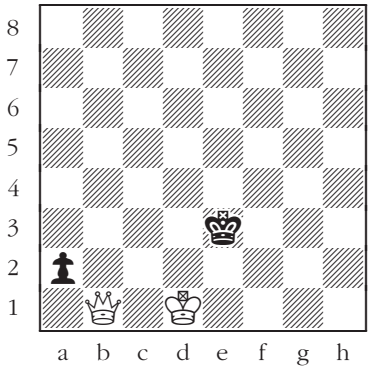

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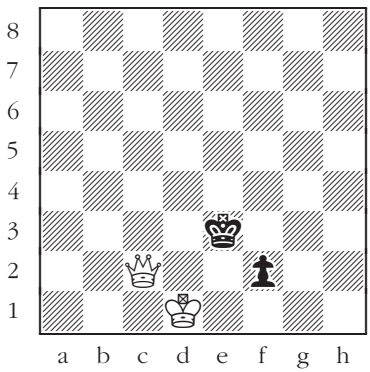

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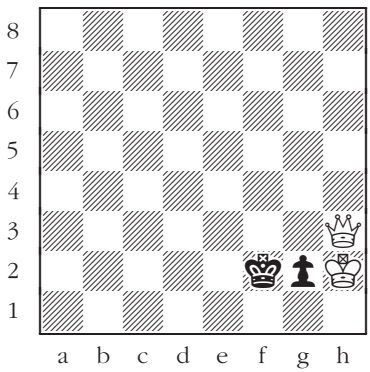

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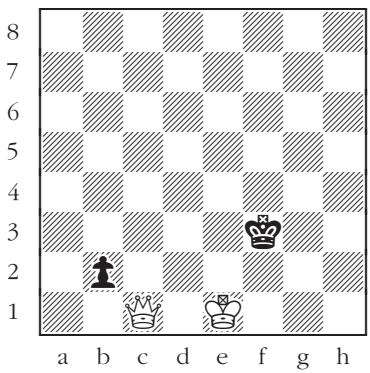
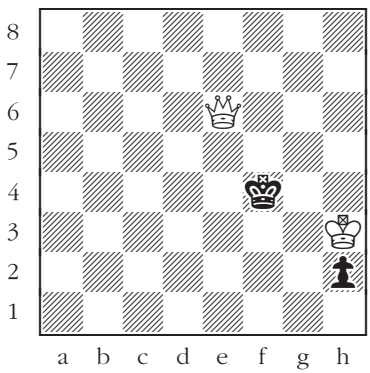


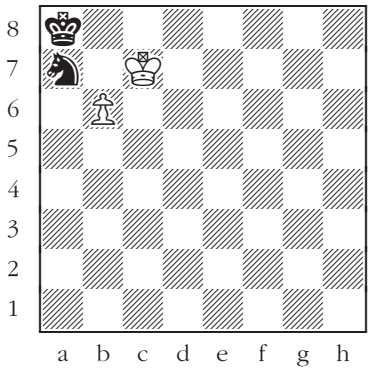
161



162

King + pawn vs. king + knight

White to move.



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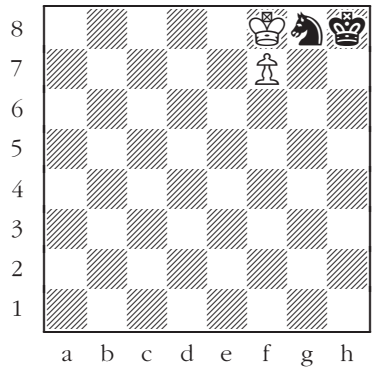

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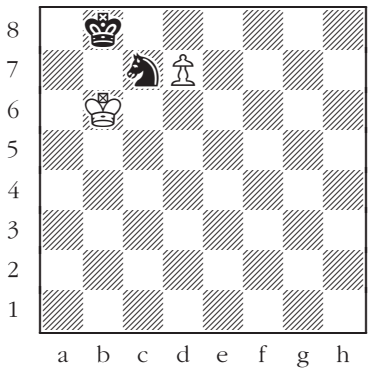

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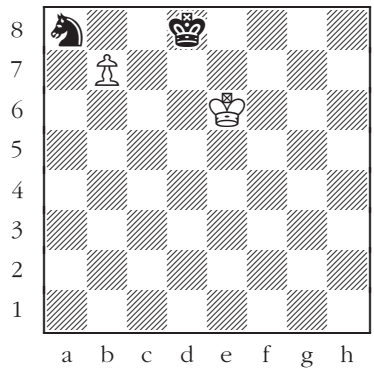

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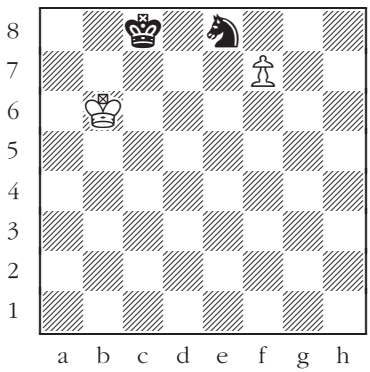

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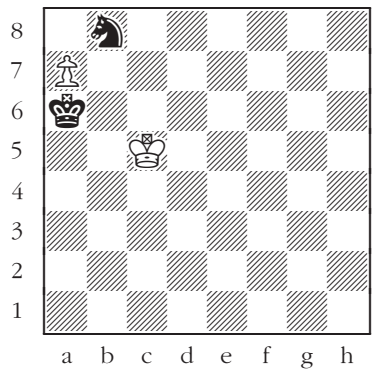
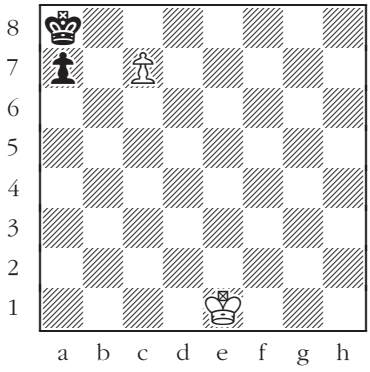


168

King + pawn vs. king + pawn

White to move.



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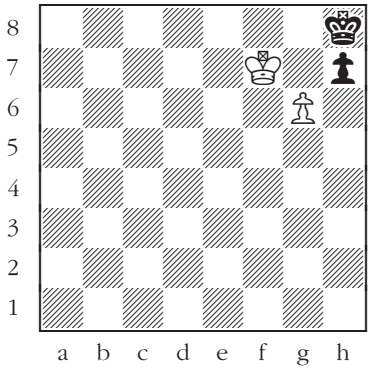

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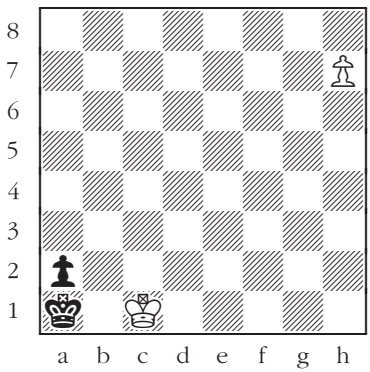

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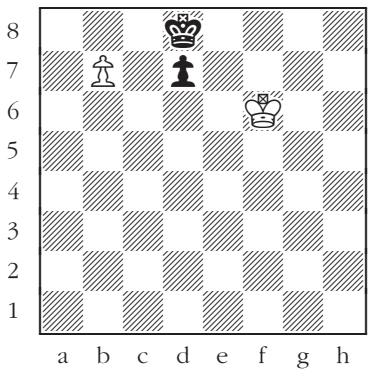

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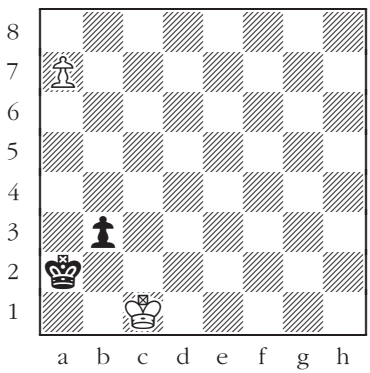
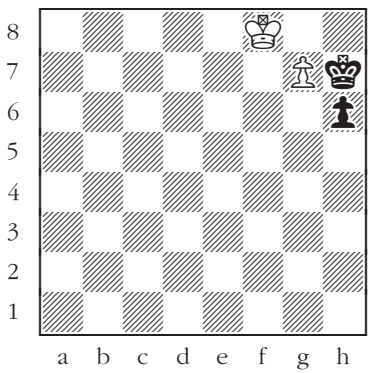


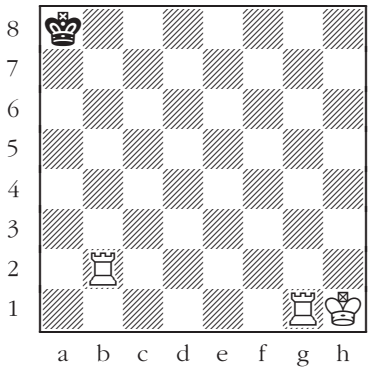
173



174

King + two rooks vs. king

White to move.



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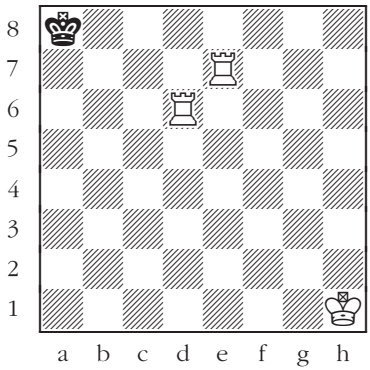

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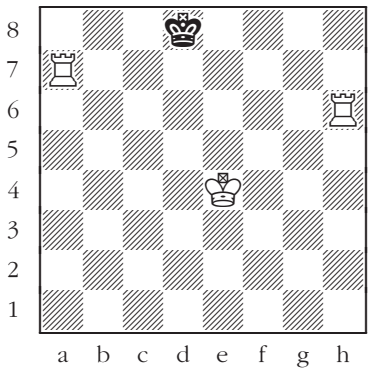

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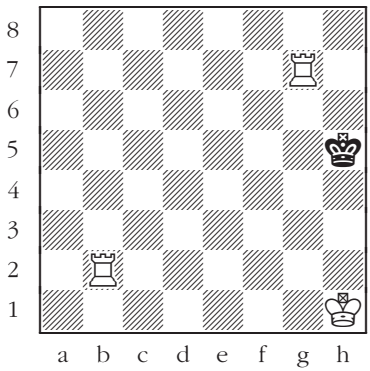

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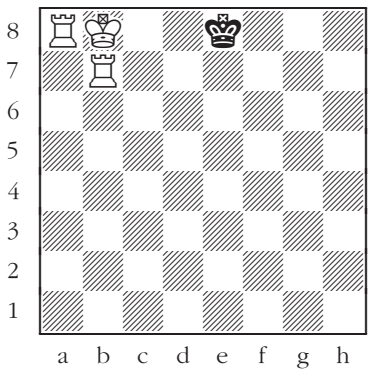

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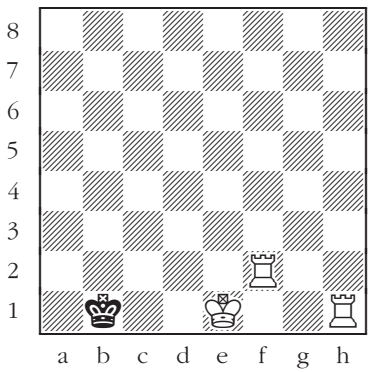
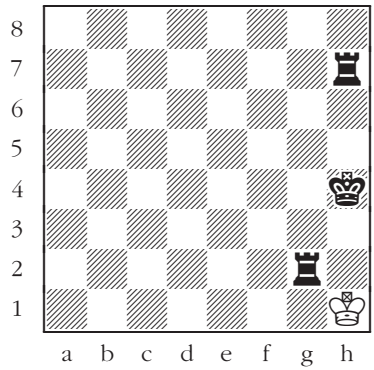


180

King + two rooks vs. king

Black to move.



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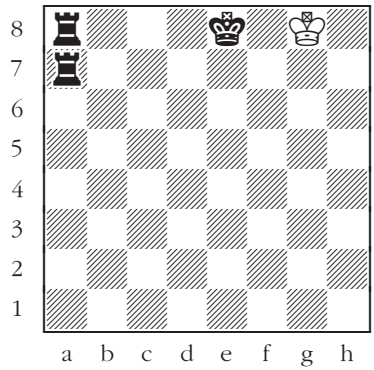

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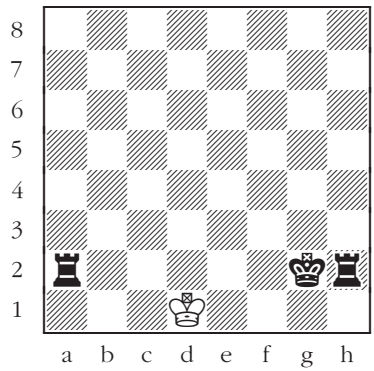

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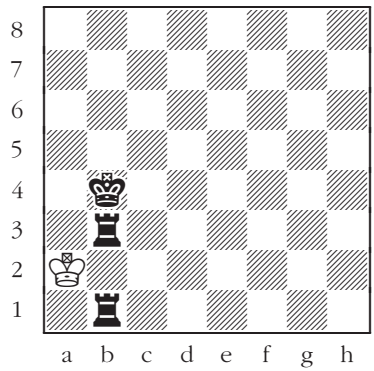

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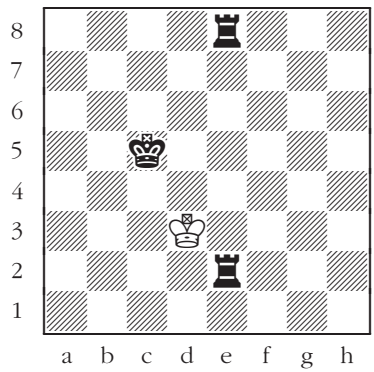

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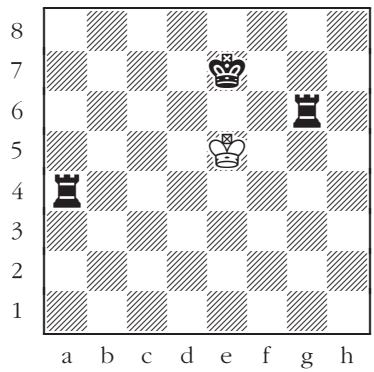
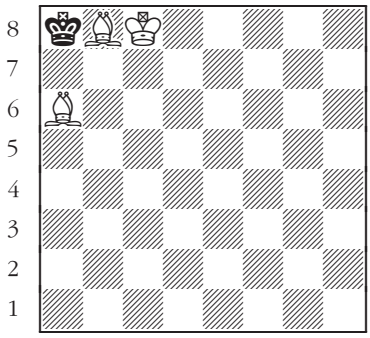


186

King + two bishops vs. king

White to move.



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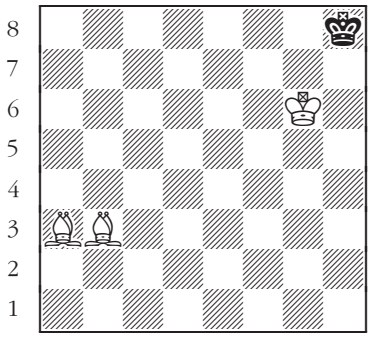

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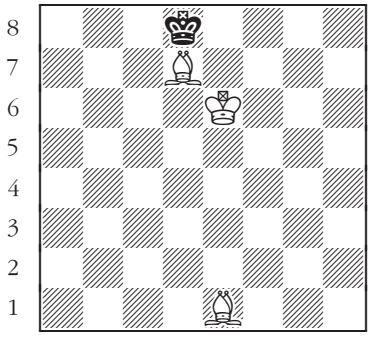

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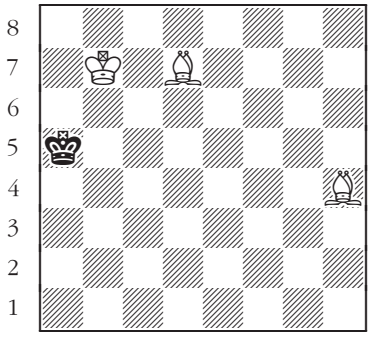

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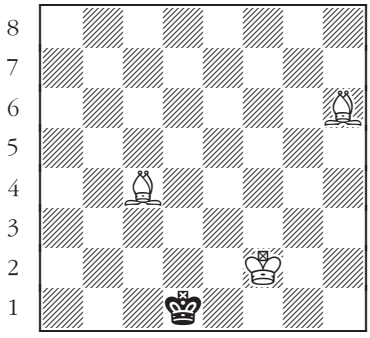

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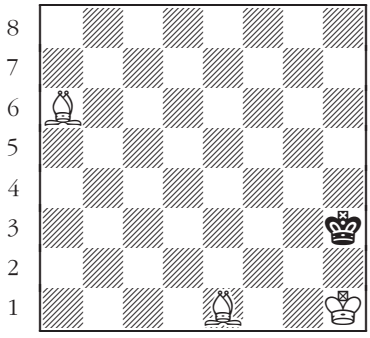
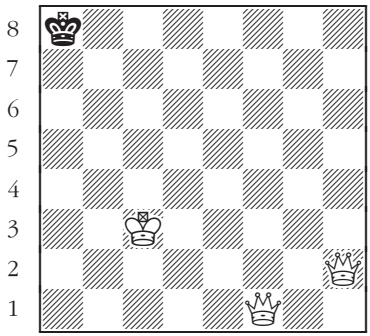


192

King + two queens vs. king

White to move.



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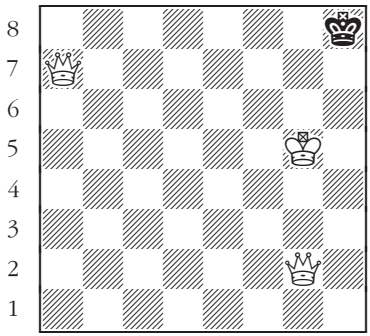

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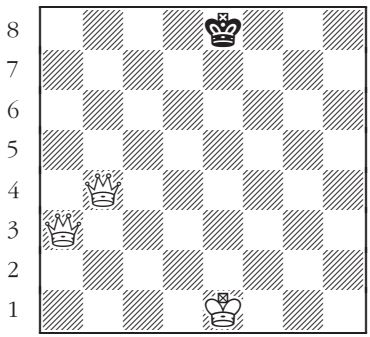

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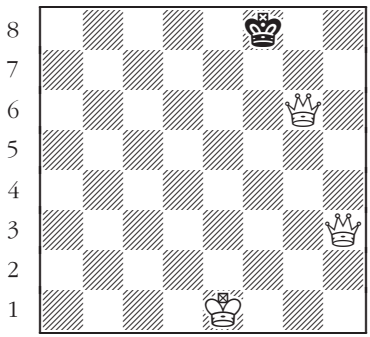

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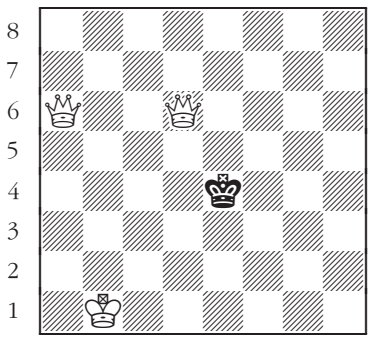

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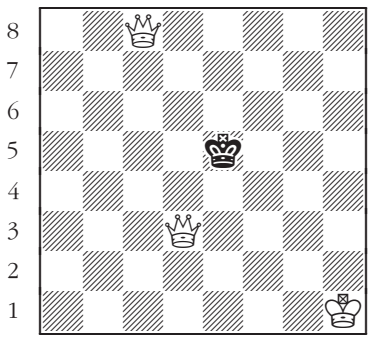
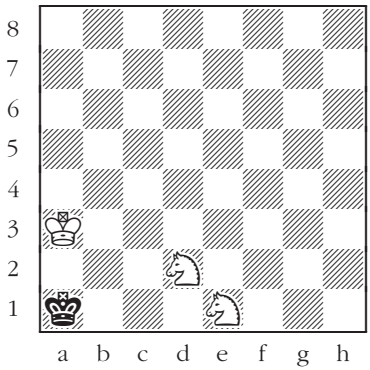


198

King + two knights vs. king

White to move.



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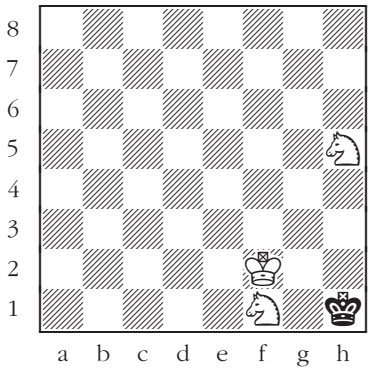

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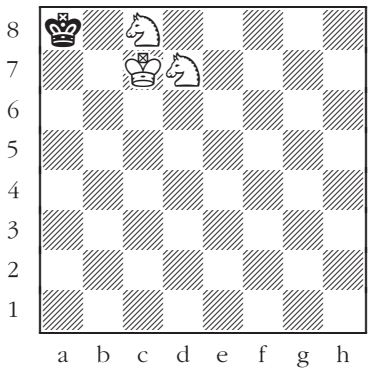

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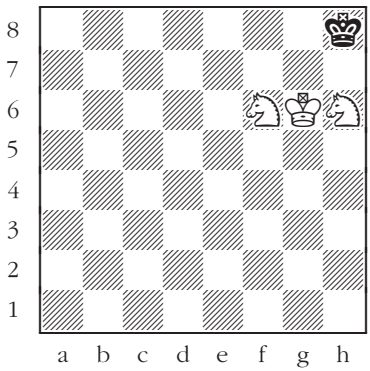

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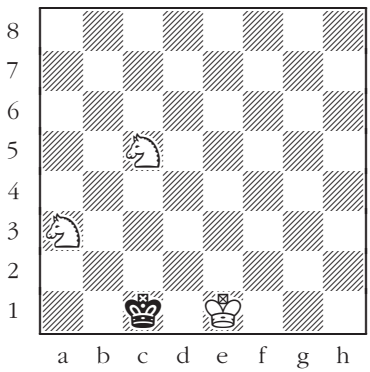

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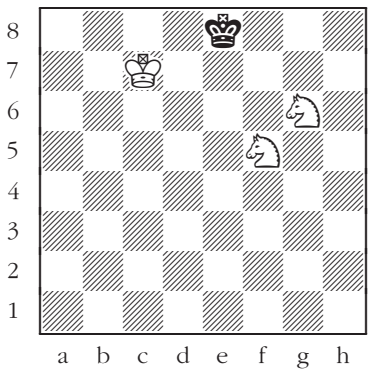
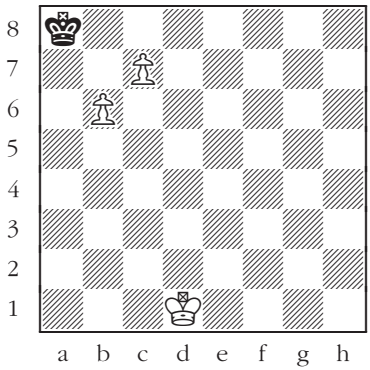


204

King + two pawns vs. king

White to move.



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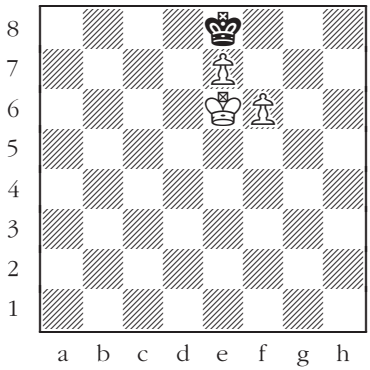

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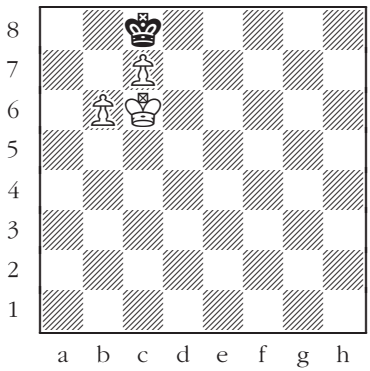

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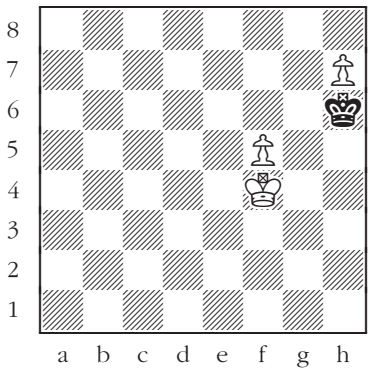

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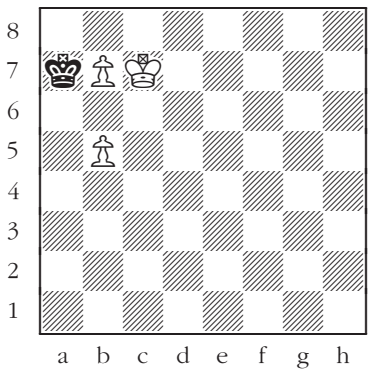

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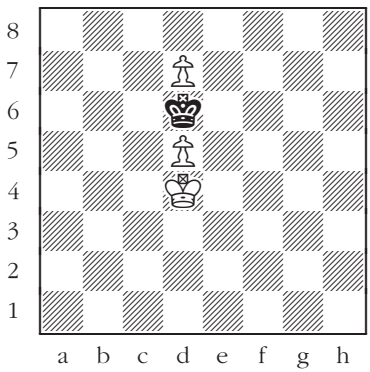
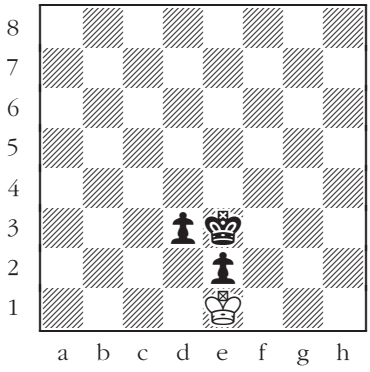


210

King + two pawns vs. king

Black to move.



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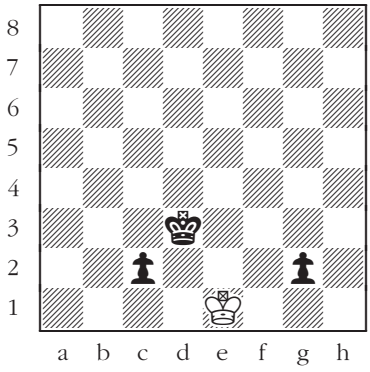

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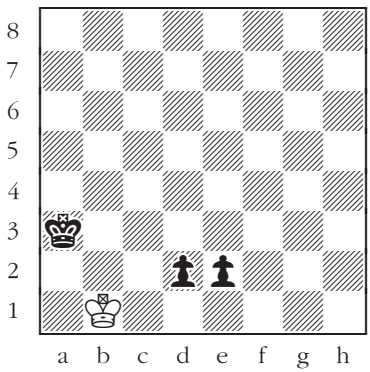

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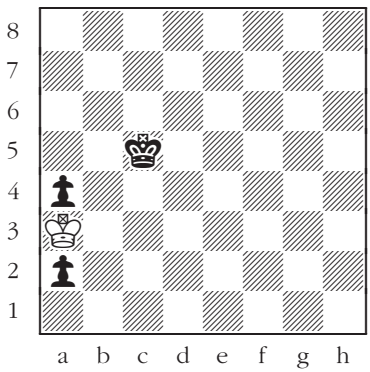

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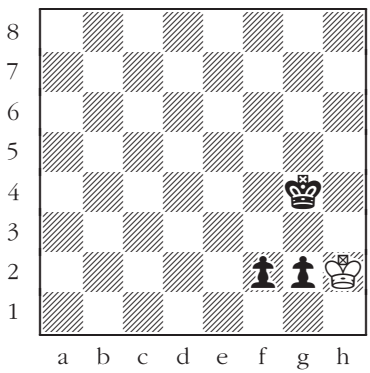

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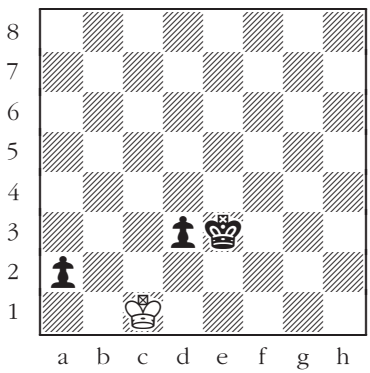
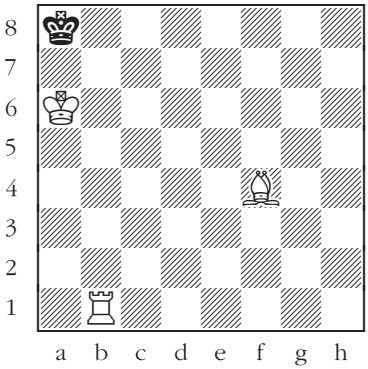


216

King + rook + bishop vs. king

White to move.



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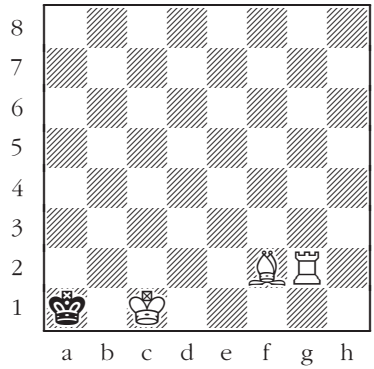

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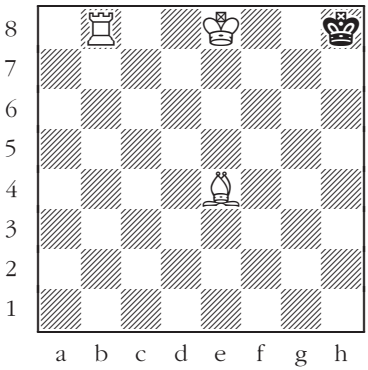

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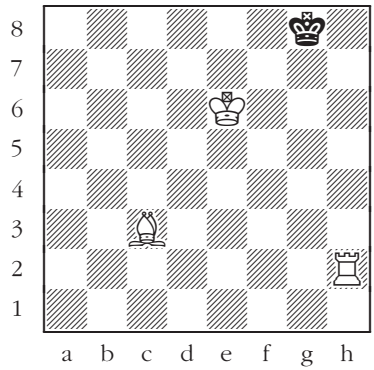

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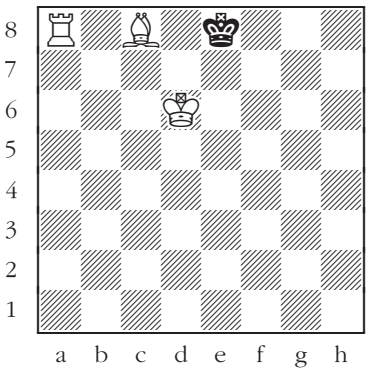

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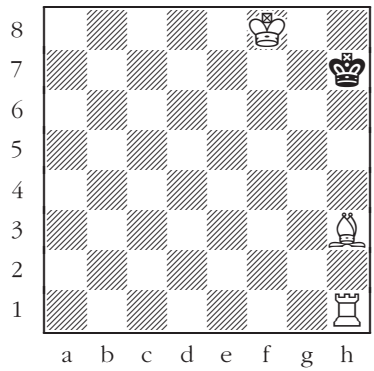
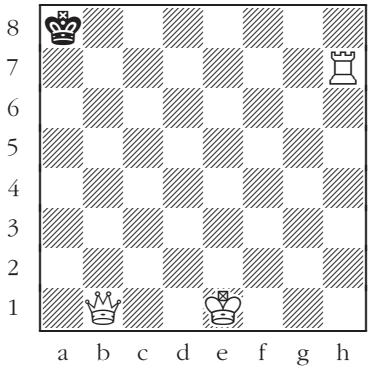


222

King + queen + rook vs. king

White to move.



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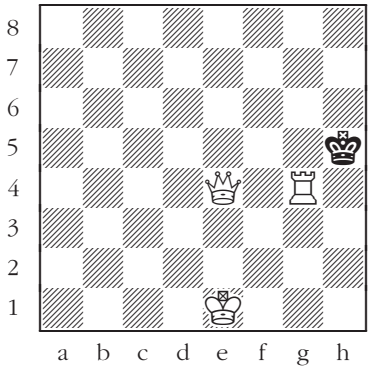

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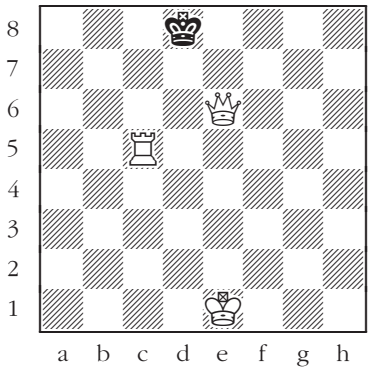

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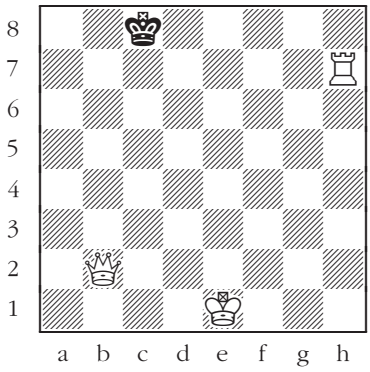

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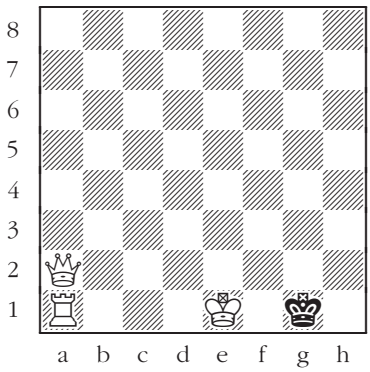

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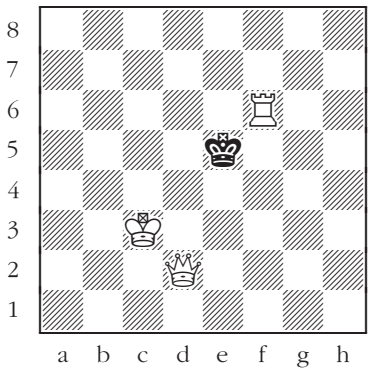
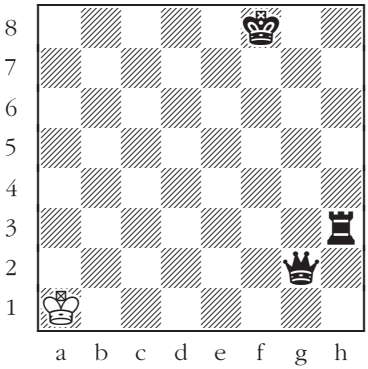


228

King + rook + queen vs. king

Black to move.



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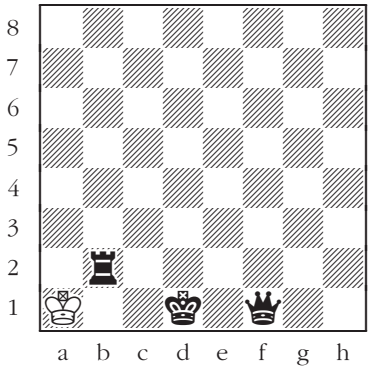

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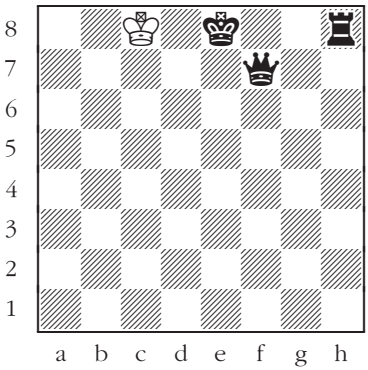

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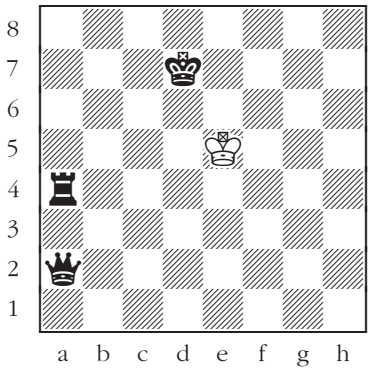

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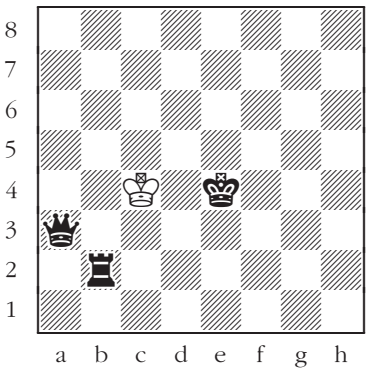

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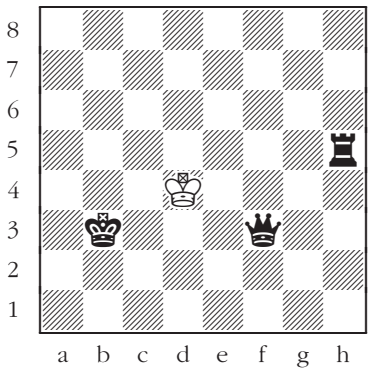
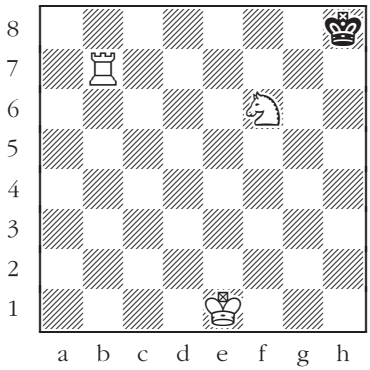


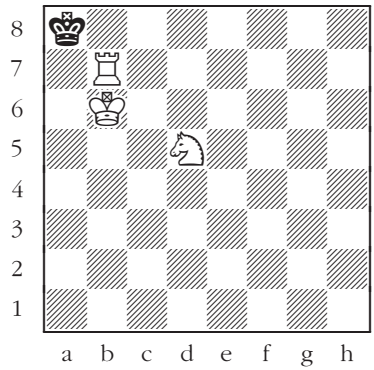
234

King + rook + knight vs. king

White to move.



235



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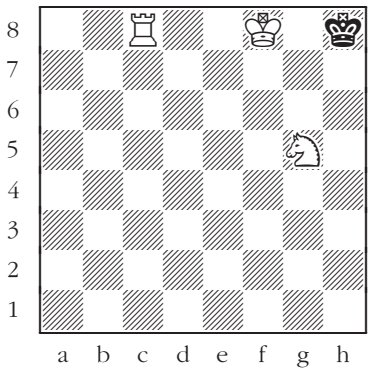

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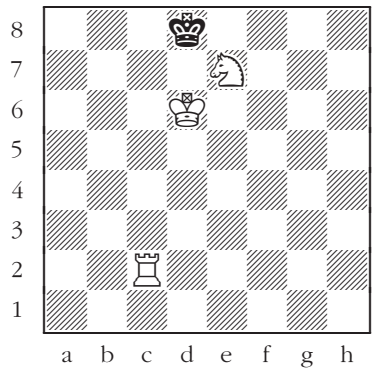

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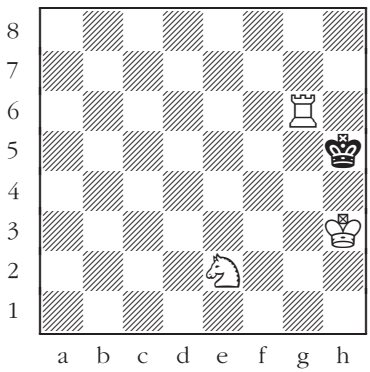

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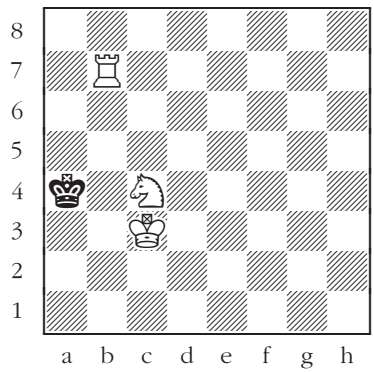
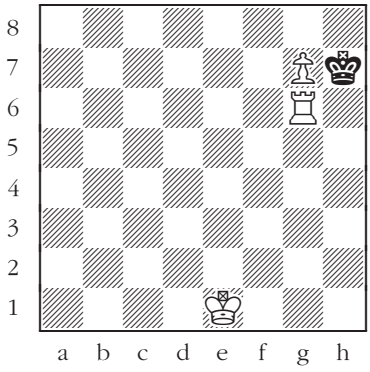


240

King + rook + pawn vs. king

White to move.



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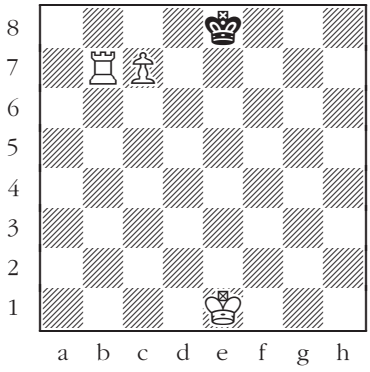

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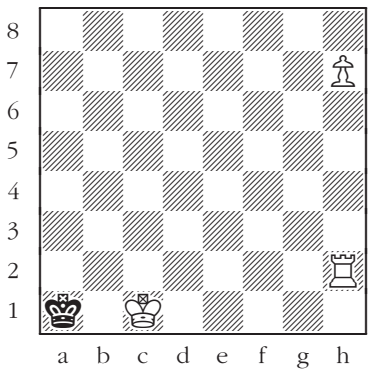

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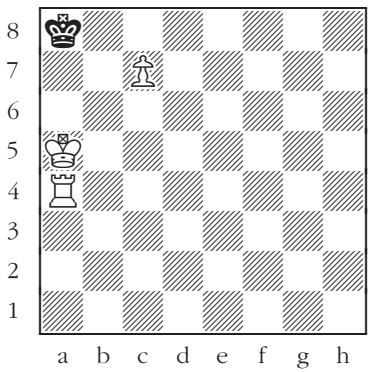

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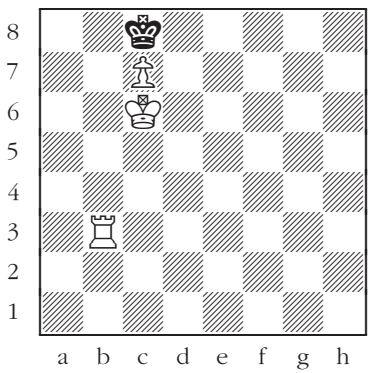

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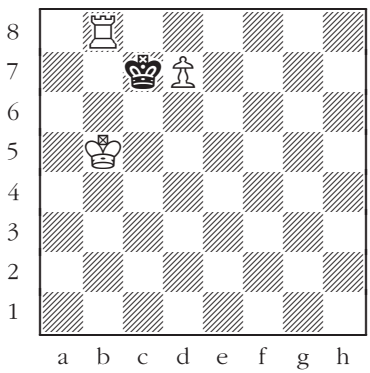
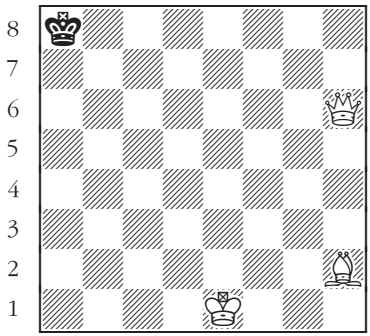


246

King + bishop + queen vs. king

White to move.



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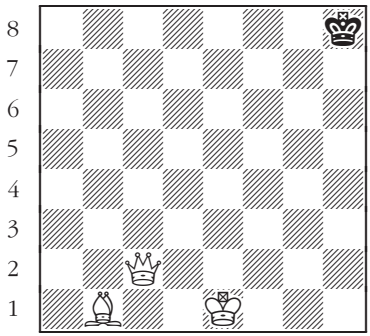

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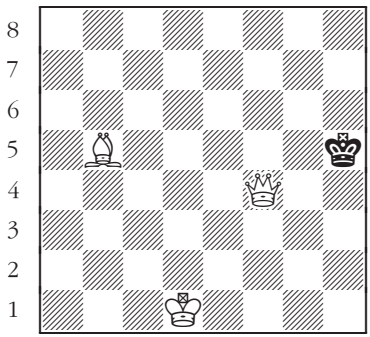
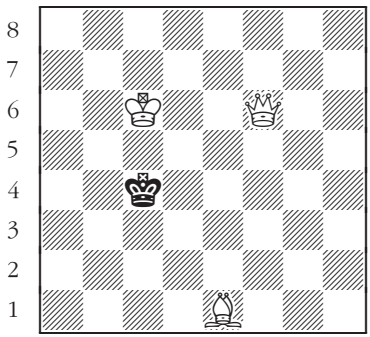


249



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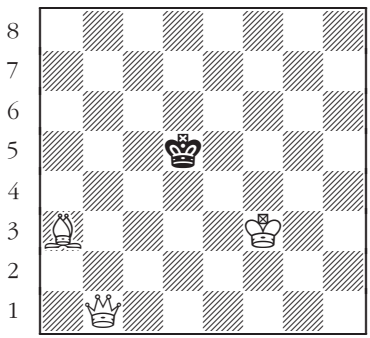

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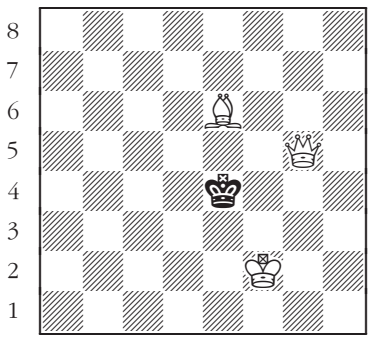
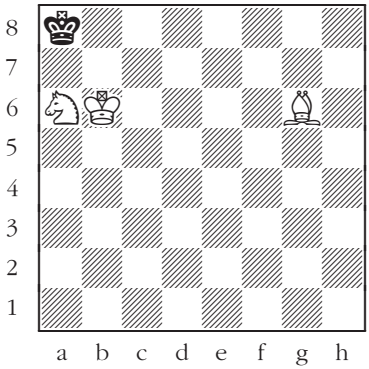


252

King + bishop + knight vs. king

White to move.



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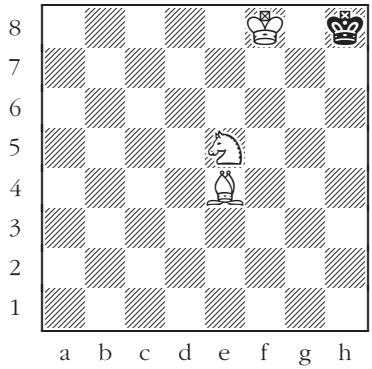

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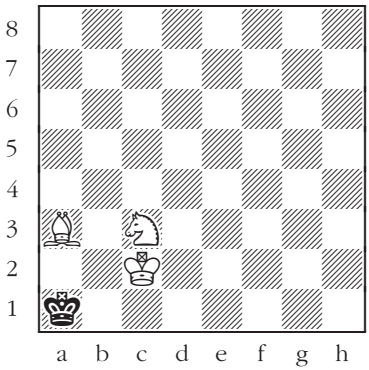

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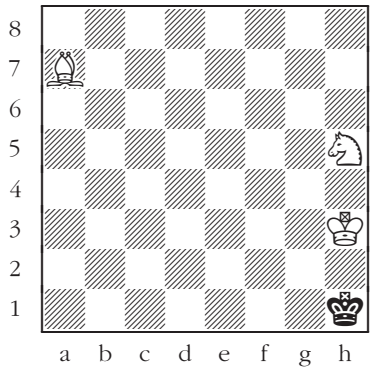

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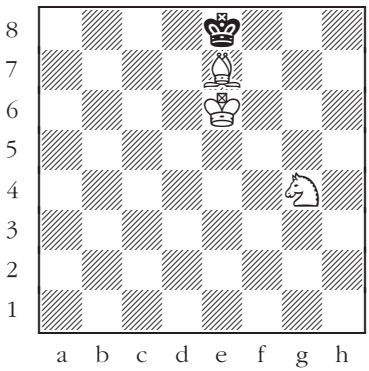

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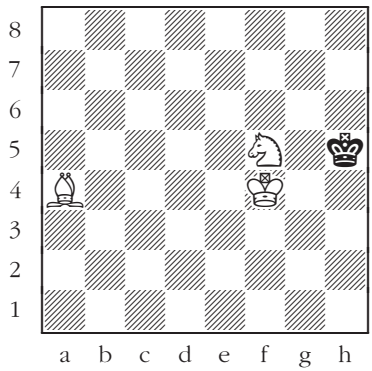
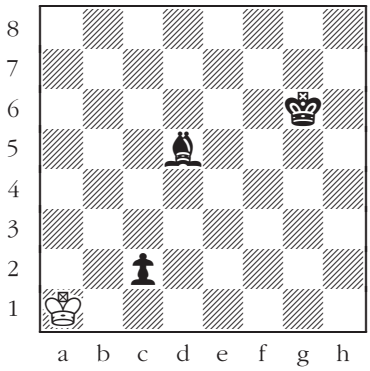


258

King + bishop + pawn vs. king

Black to move.



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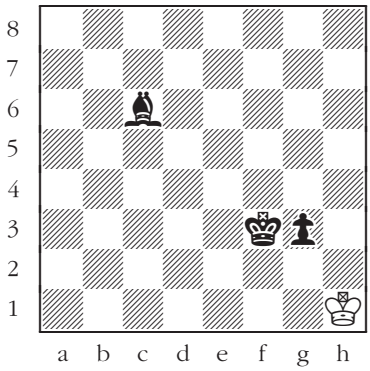

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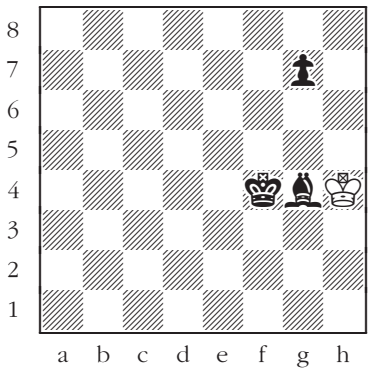

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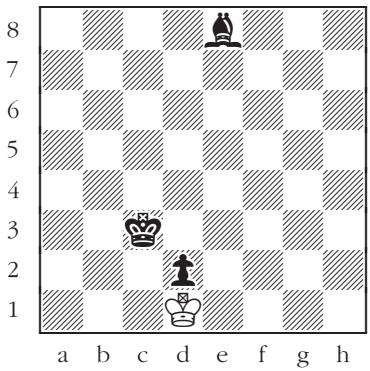

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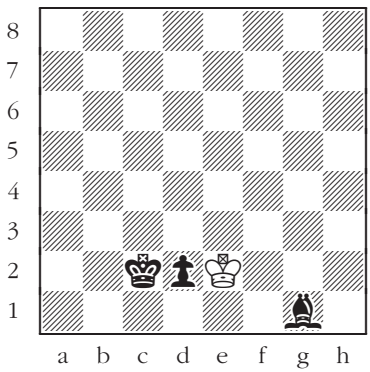

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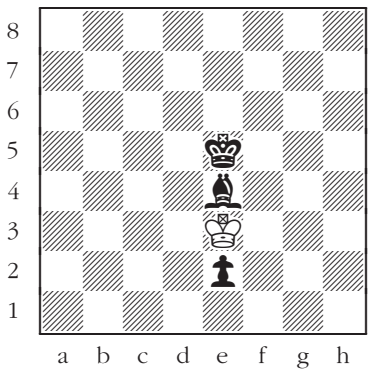
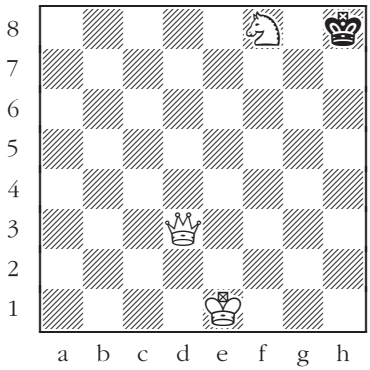


264

King + queen + knight vs. king

White to move.



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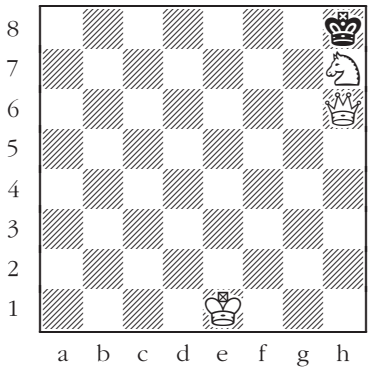

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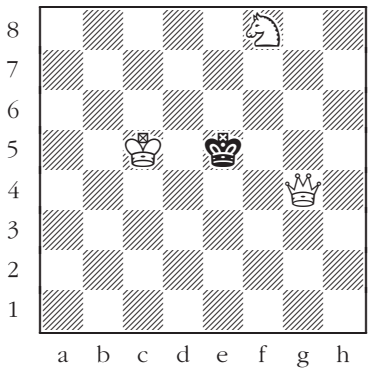

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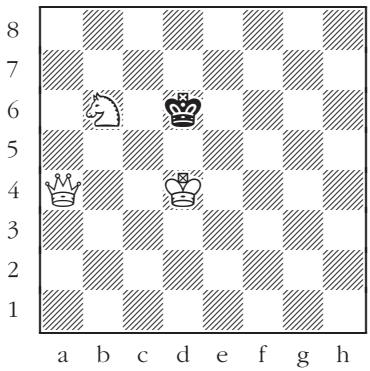

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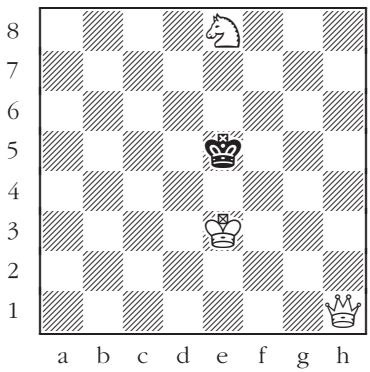

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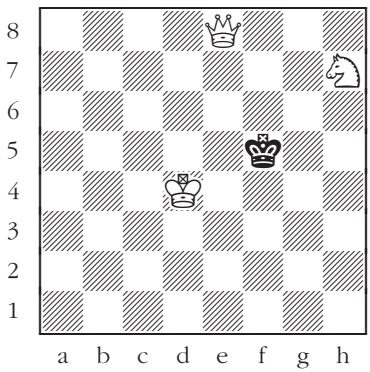
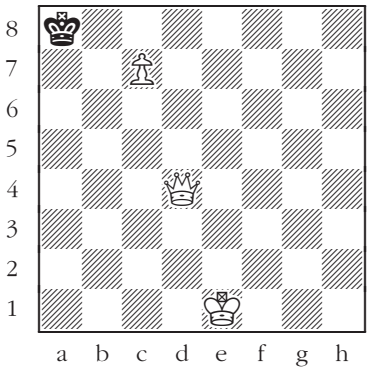


270

King + queen + pawn vs. king

White to move.



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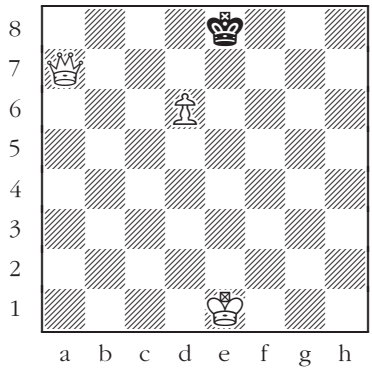

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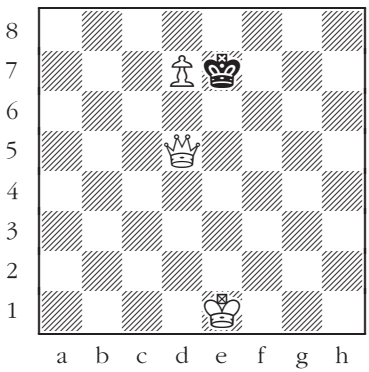

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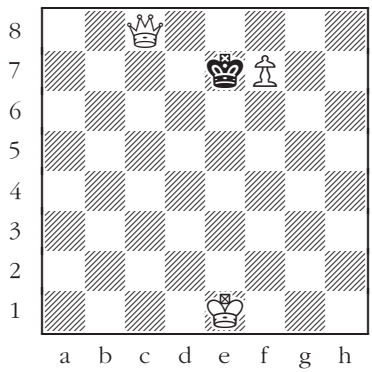

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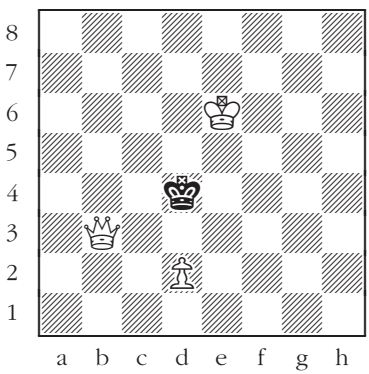

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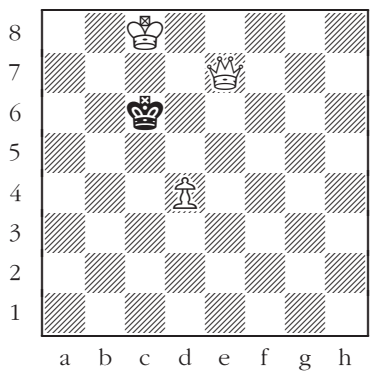
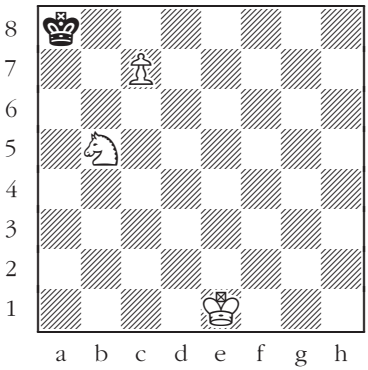


276

King + knight + pawn vs. king

White to move.



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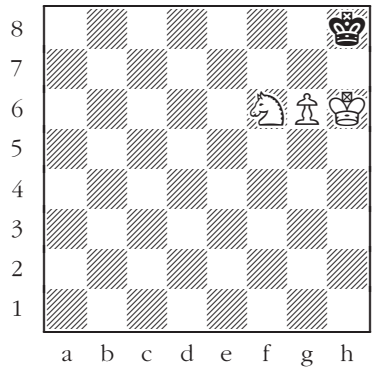

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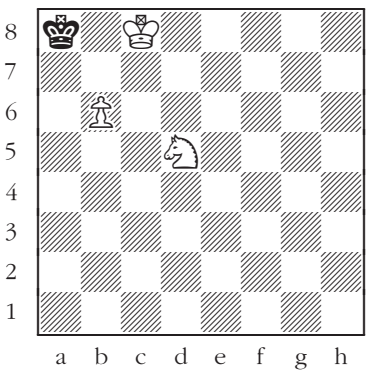

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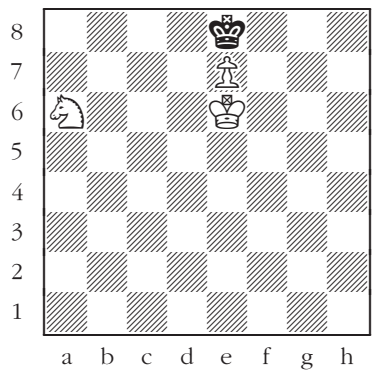

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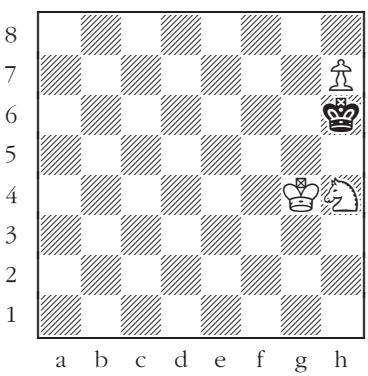

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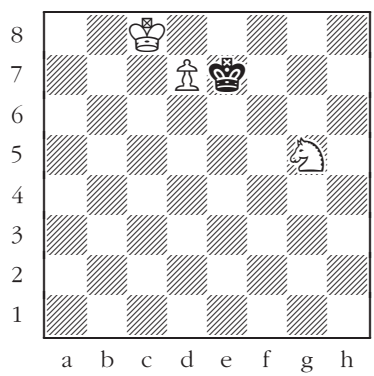
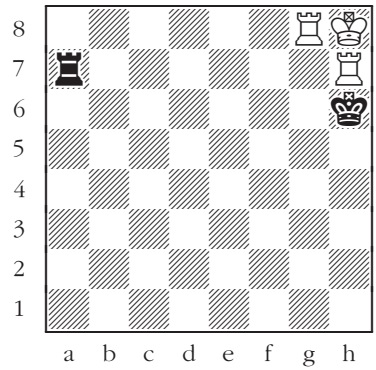


282

Positions with Five Pieces

King + rook vs. king + two rooks

Black to move.



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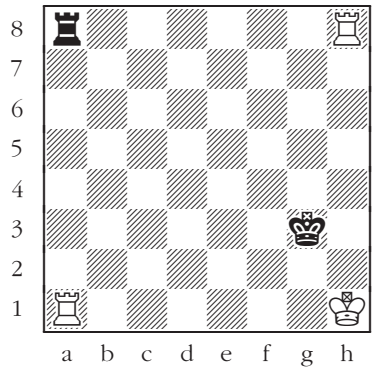

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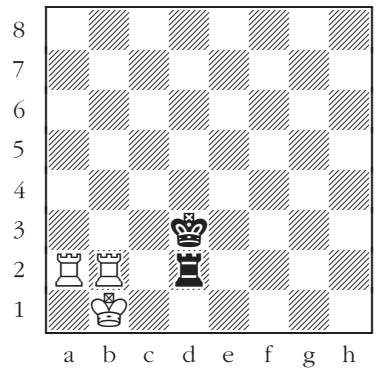

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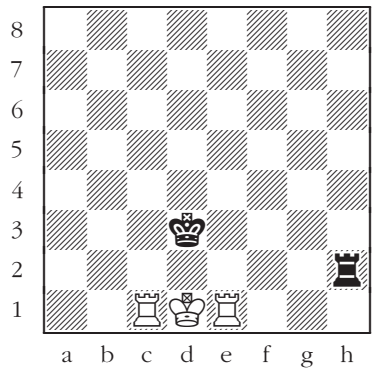

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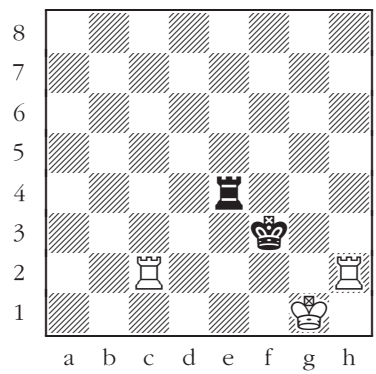

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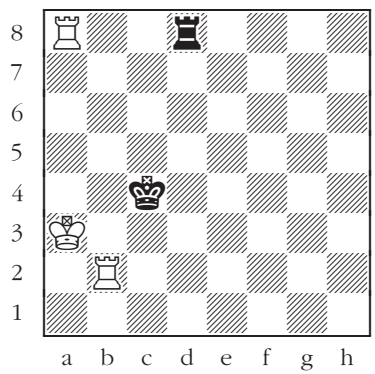
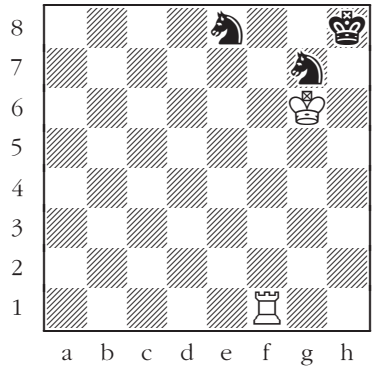


288

King + rook vs. king + two knights

King + rook vs. king + two pawns

White to move.



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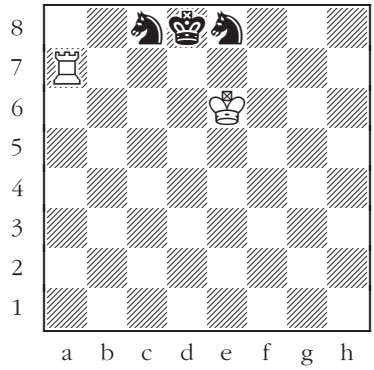

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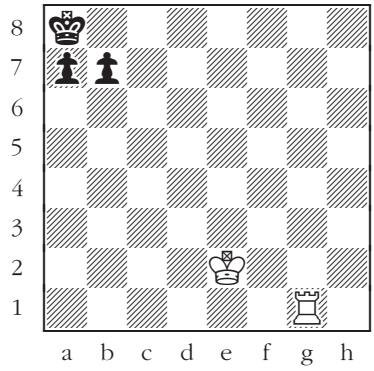

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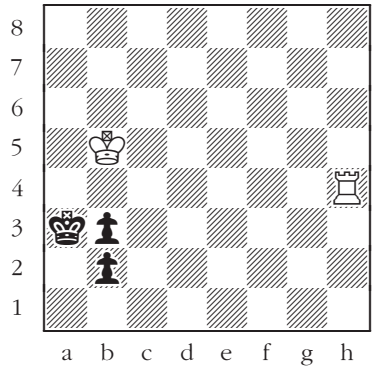

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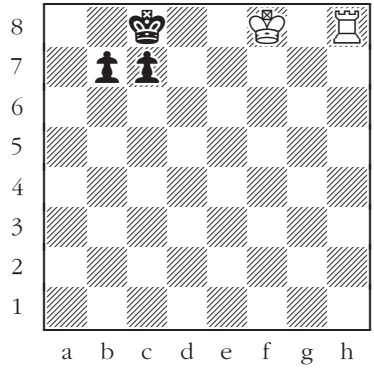

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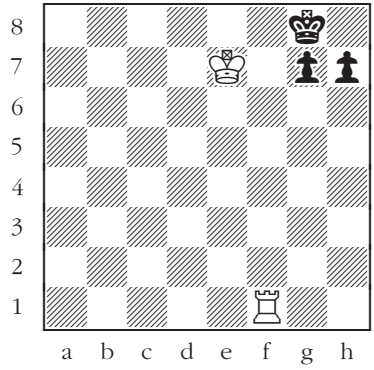
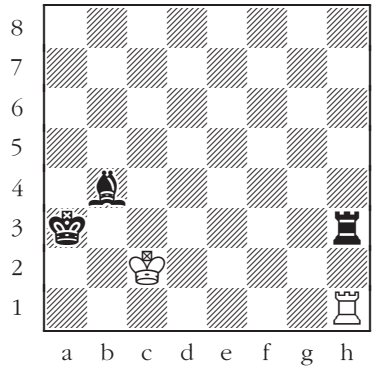


294

King + rook vs. king + rook + bishop

King + rook vs. king + rook + queen

White to move.



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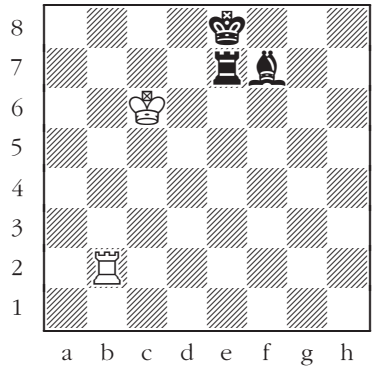

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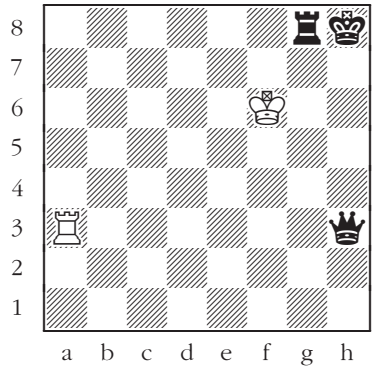

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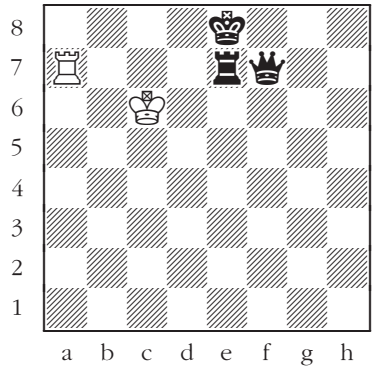

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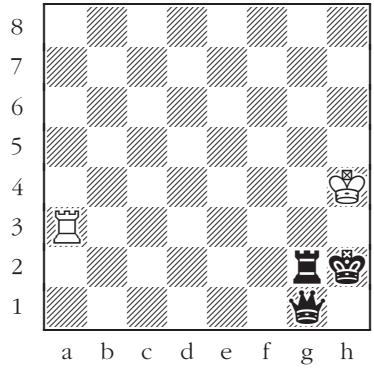

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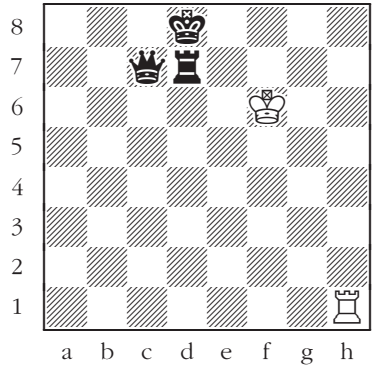
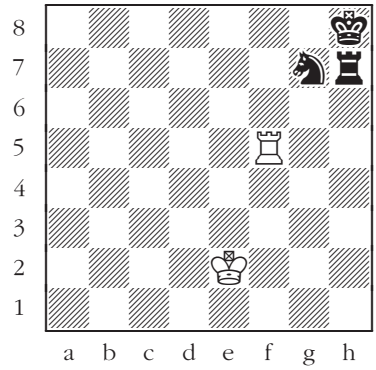


300■

King + rook vs. king + rook + knight

King + rook vs. king + rook + pawn

White to move.



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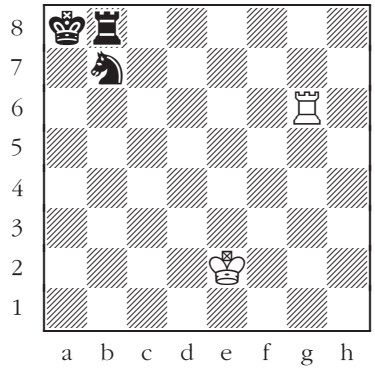

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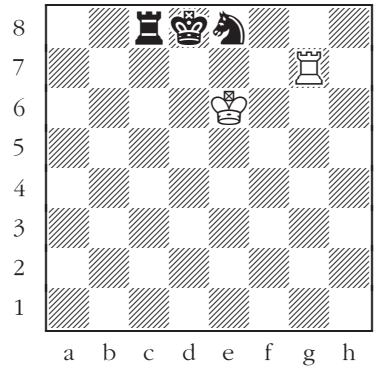

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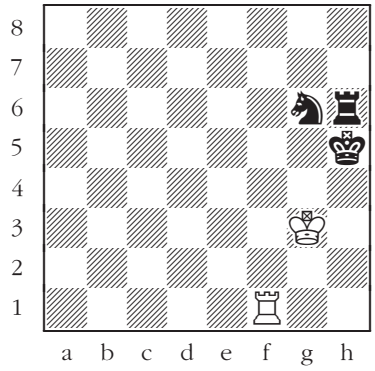

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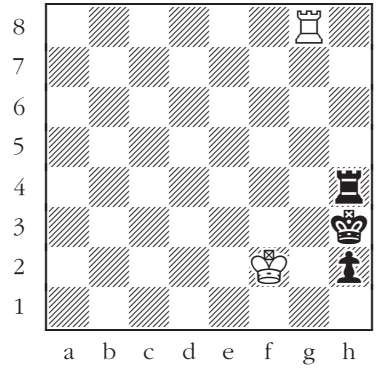

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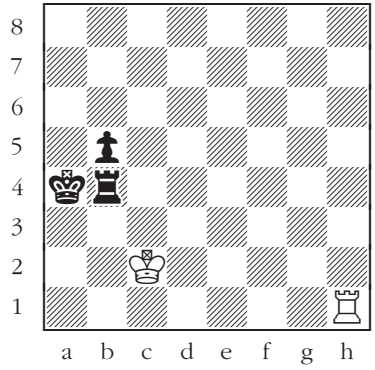
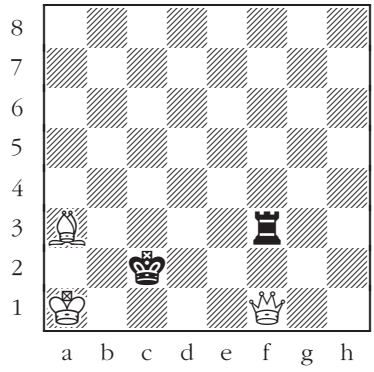


306

King + rook vs. king + bishop + queen

King + rook vs. king + bishop + knight

Black to move.



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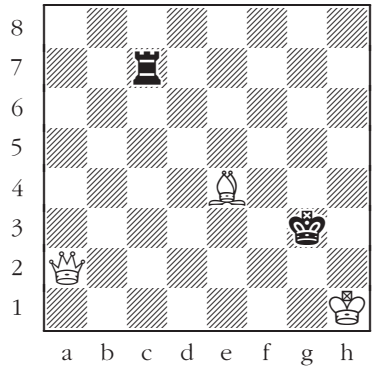

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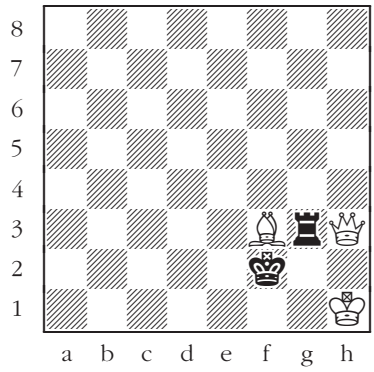

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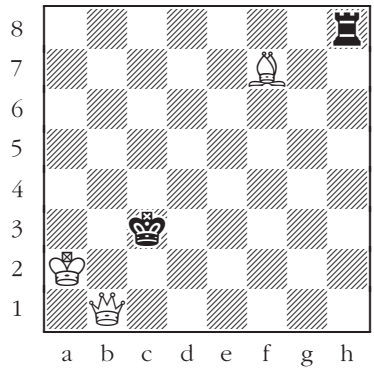

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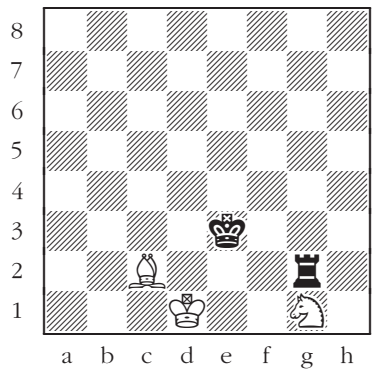

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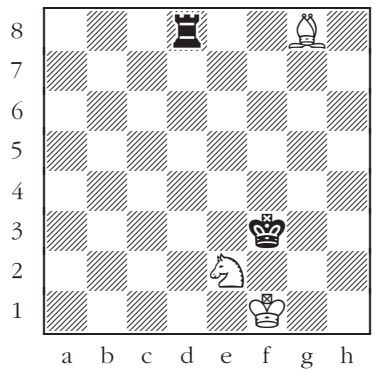
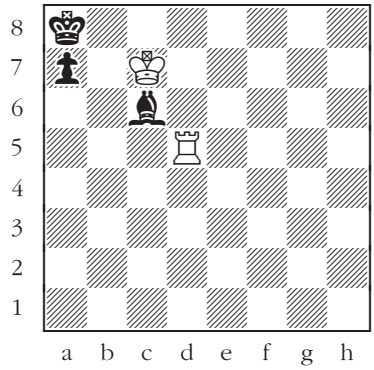


312

King + rook vs. king + bishop + pawn

King + rook vs. king + queen + knight

White to move.



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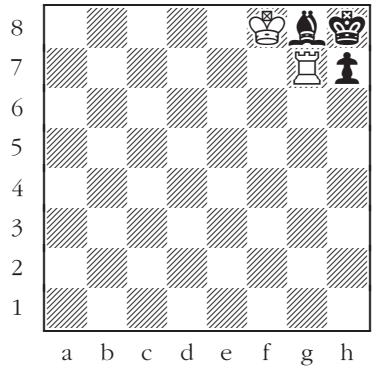

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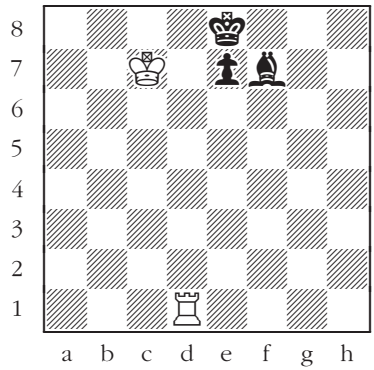

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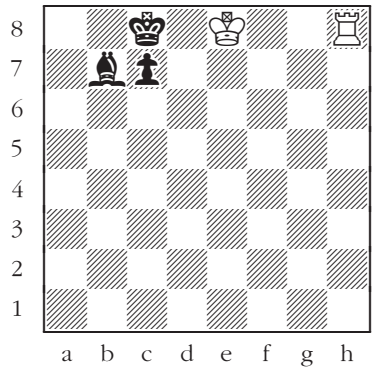

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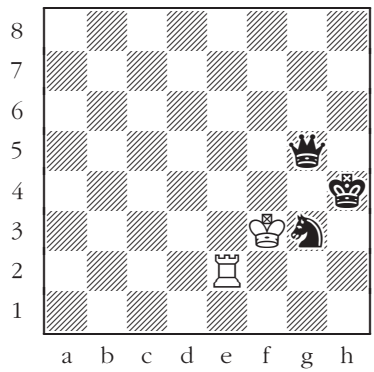

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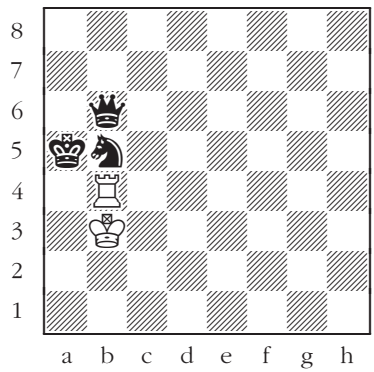
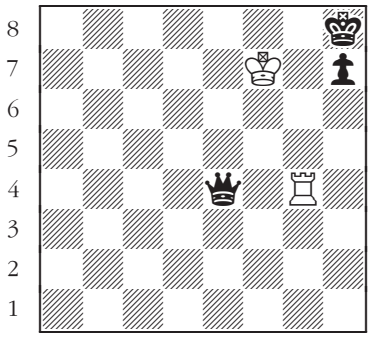


318

King + rook vs. king + queen + pawn

King + rook vs. king + knight + pawn

White to move.



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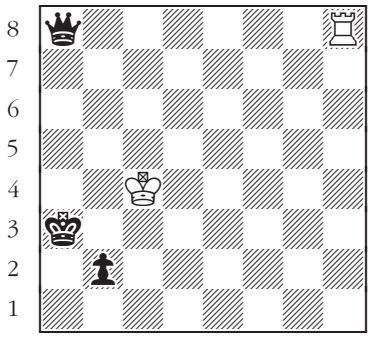

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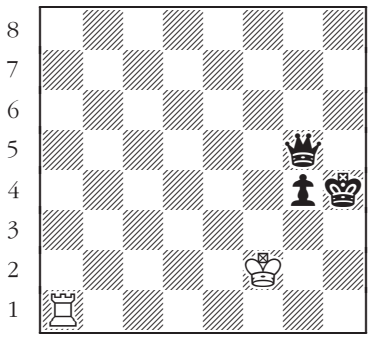

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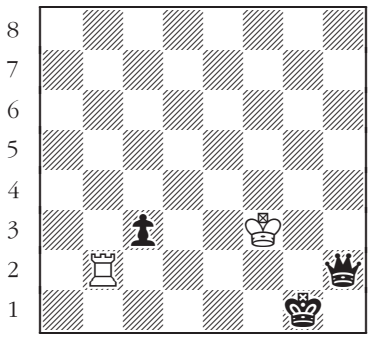

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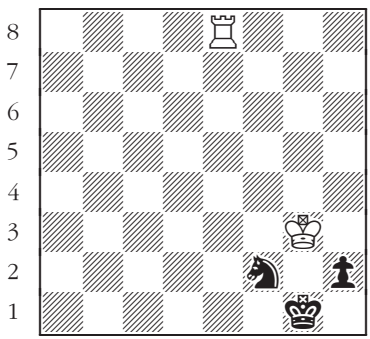

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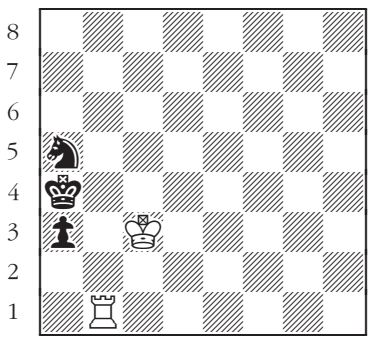


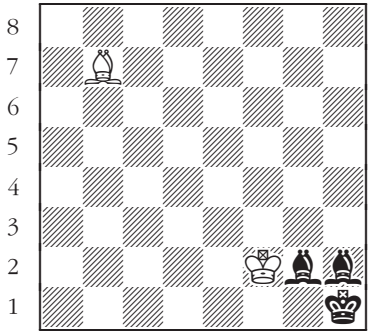
324

King + bishop vs. king + two bishops

King + bishop vs. king + two knights

King + bishop vs. king + two pawns

White to move.



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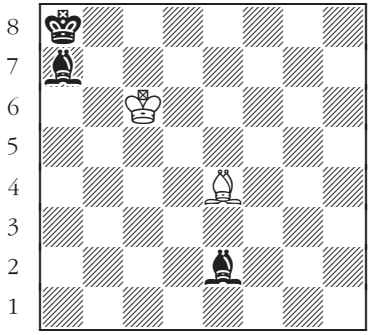

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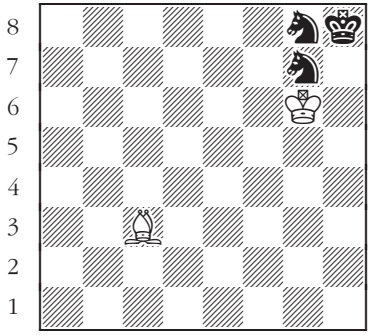

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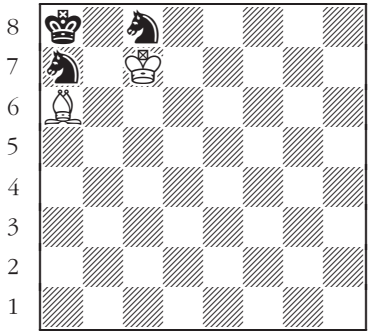

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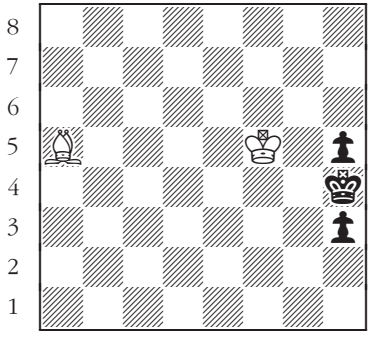

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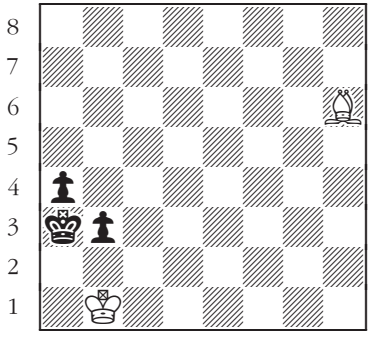


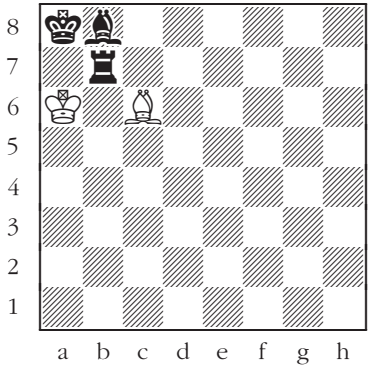
330

King + bishop vs. king + rook + bishop

King + bishop vs. king + rook + knight

King + bishop vs. king + rook + pawn

White to move.



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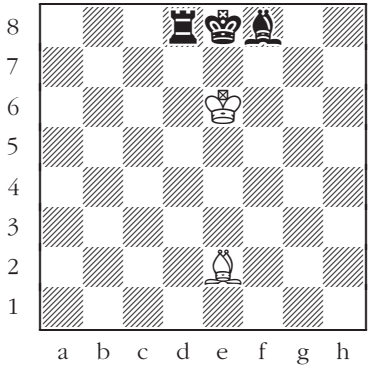

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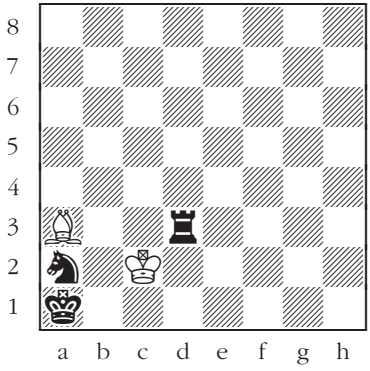

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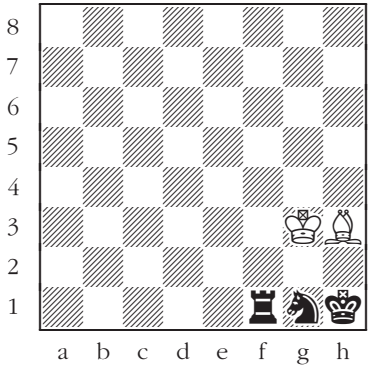

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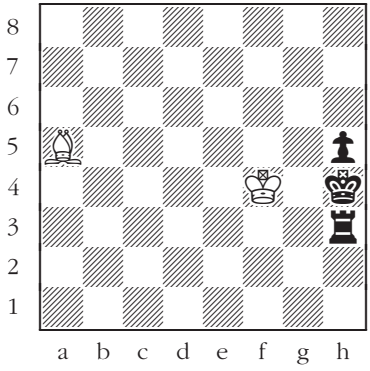
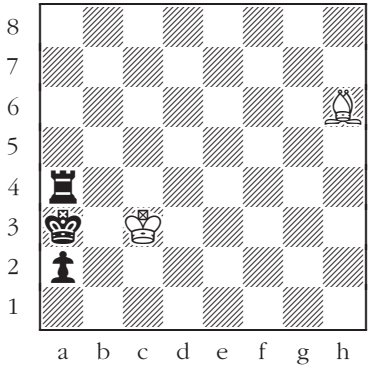


335



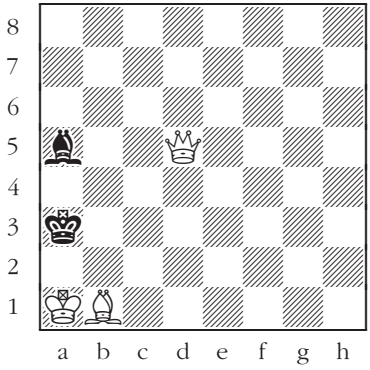
336

King + bishop vs. king + bishop + queen

King + bishop vs. king + bishop + knight

King + bishop vs. king + bishop + pawn

Black to move.



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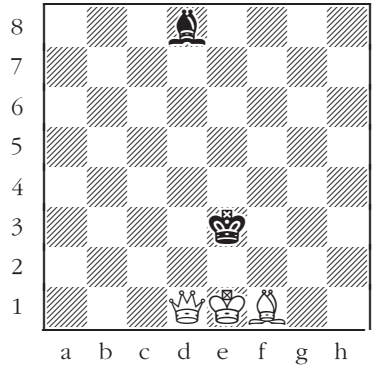

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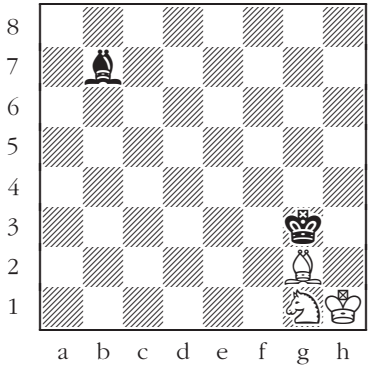

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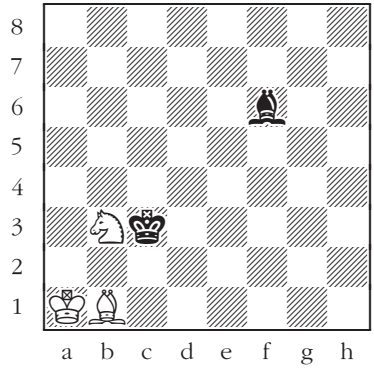

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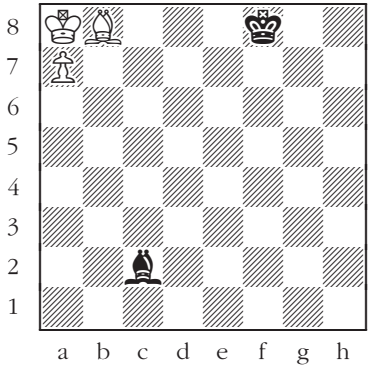

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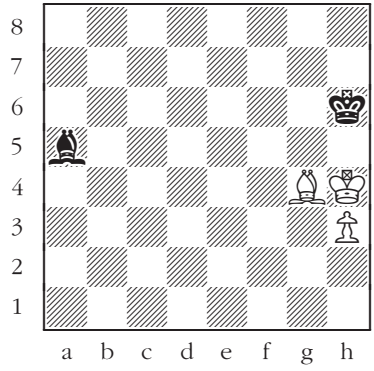


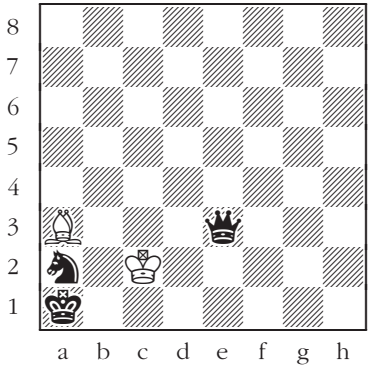
342

King + bishop vs. king + queen + knight

King + bishop vs. king + queen + pawn

King + bishop vs. king + knight + pawn

White to move.



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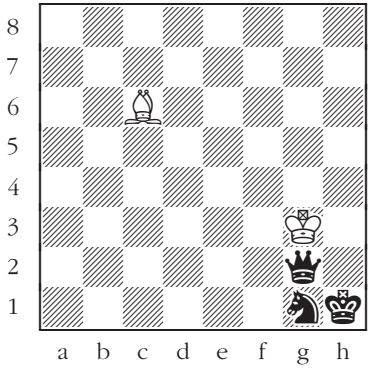

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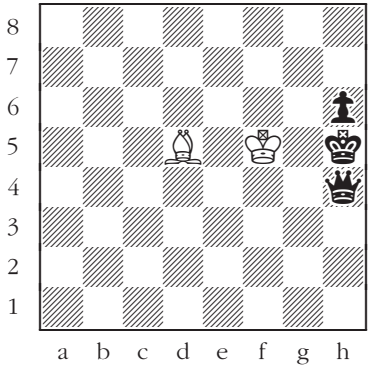

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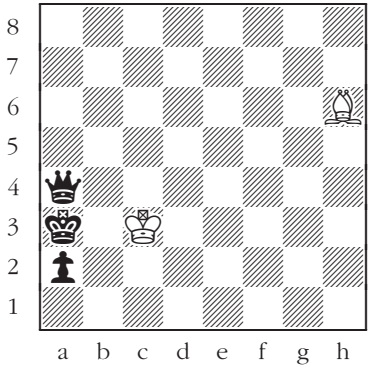

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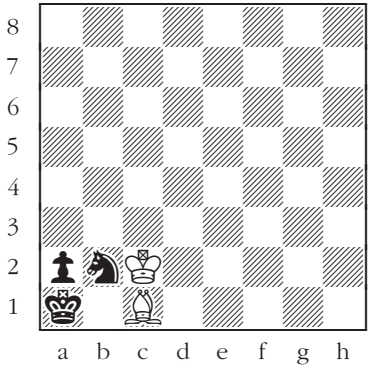

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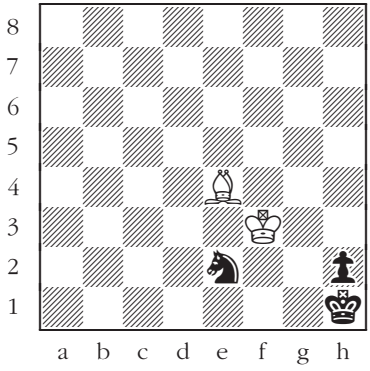


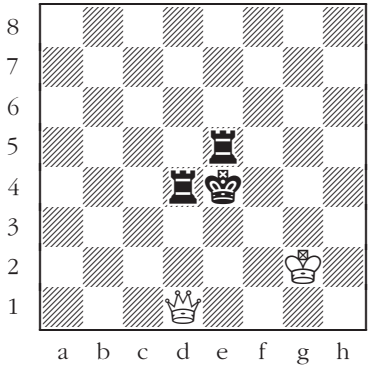
348

King + queen vs. king + two rooks

King + queen vs. king + two bishops

King + queen vs. king + two knights

White to move.



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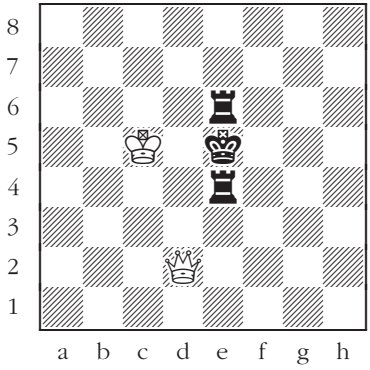

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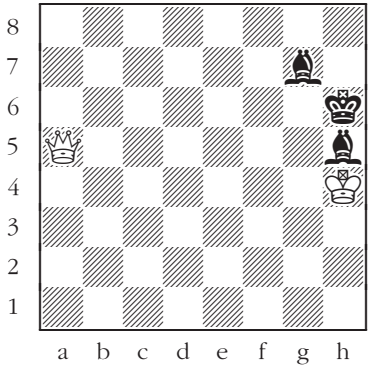

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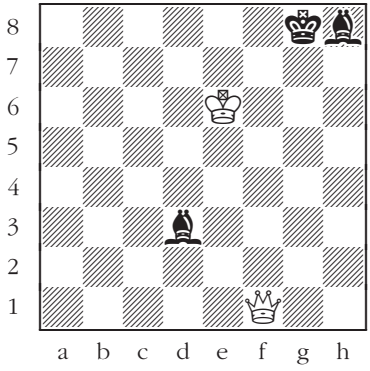

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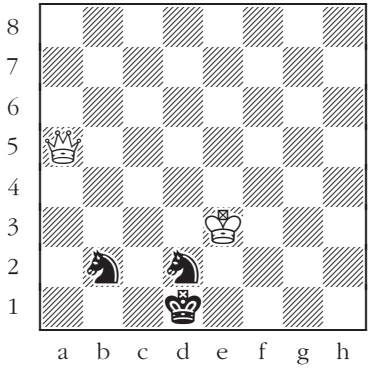

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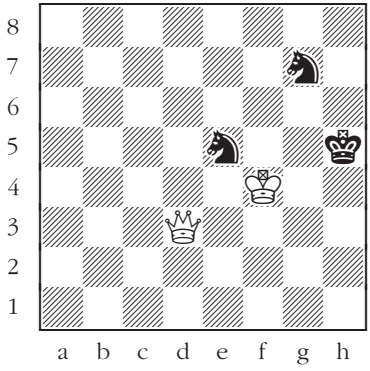


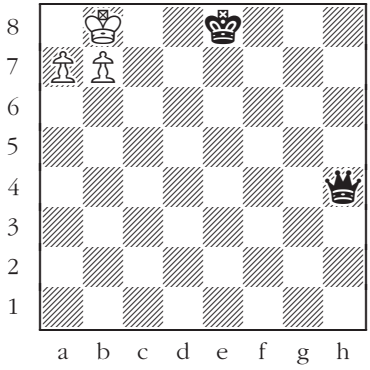
354

King + queen vs. king + two pawns

King + queen vs. king + rook + bishop

King + queen vs. king + rook + queen

Black to move.



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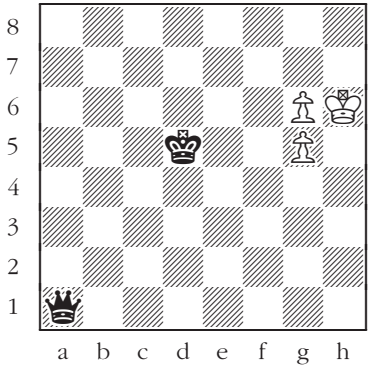

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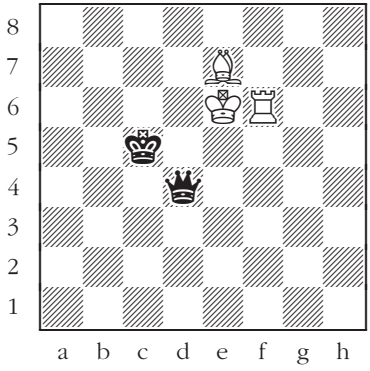

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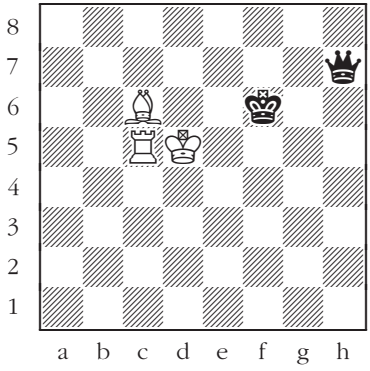

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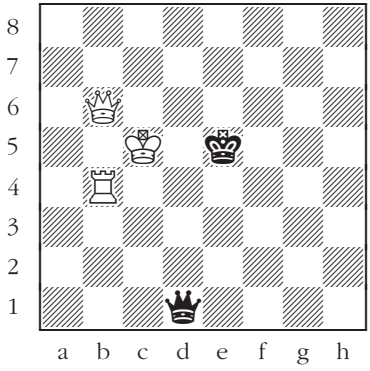

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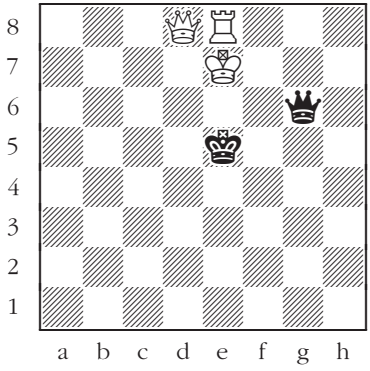


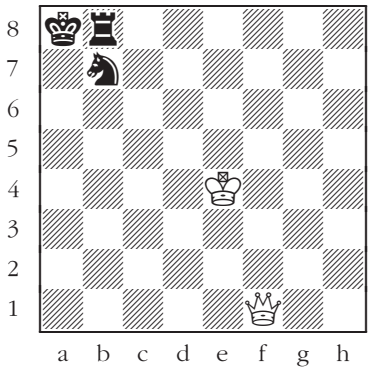
360

King + queen vs. king + rook + knight

King + queen vs.king + rook + pawn

King + queen vs. king + bishop + queen

White to move.



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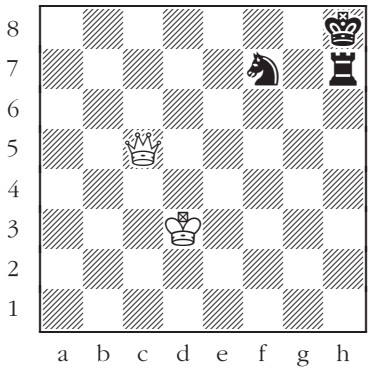

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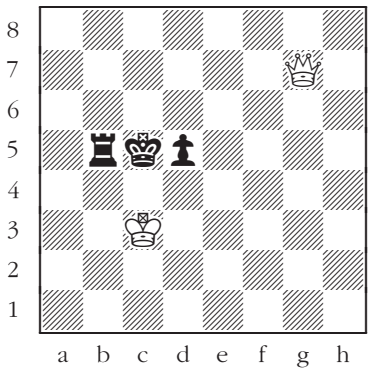

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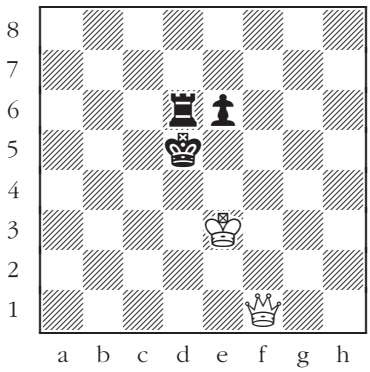

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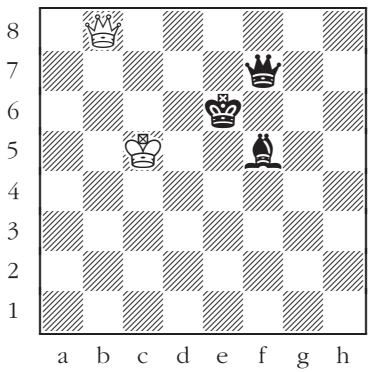

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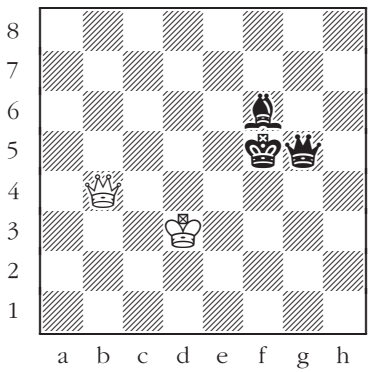


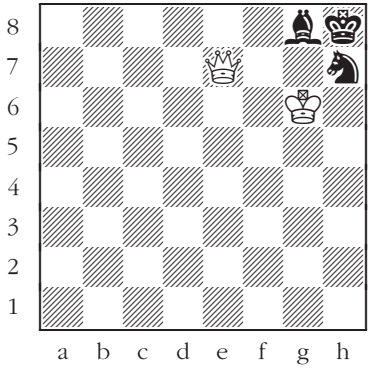
366

King + queen vs. king + bishop + knight

King + queen vs. king + bishop + pawn

King + queen vs. king + queen + knight

White to move.



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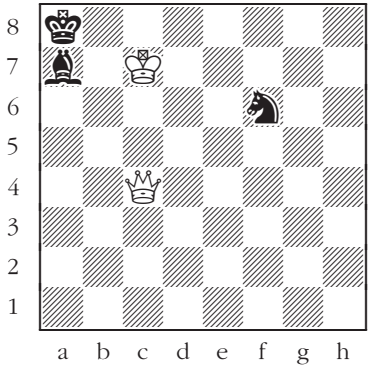

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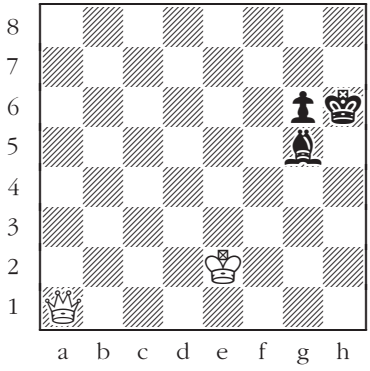

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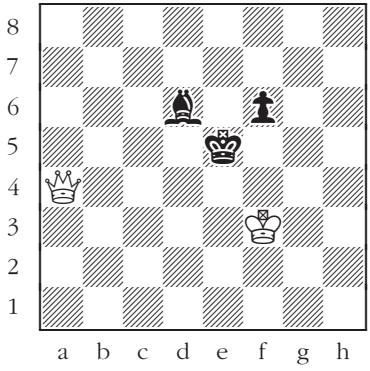

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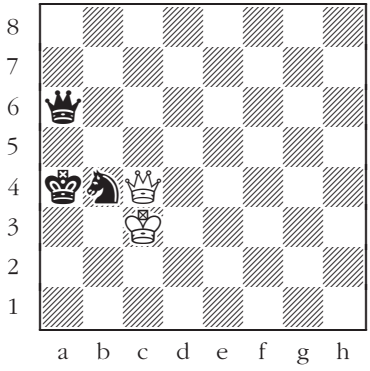

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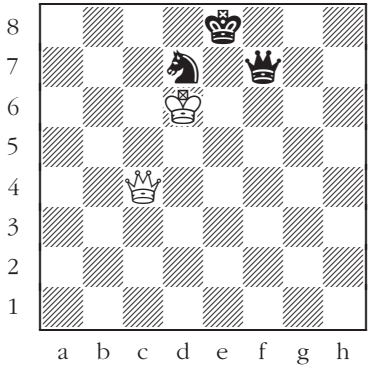
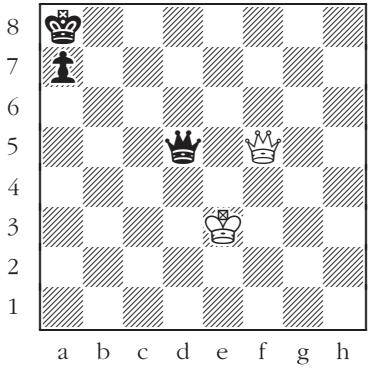


372

King + queen vs. king + queen + pawn

King + queen vs. king + knight + pawn

White to move.



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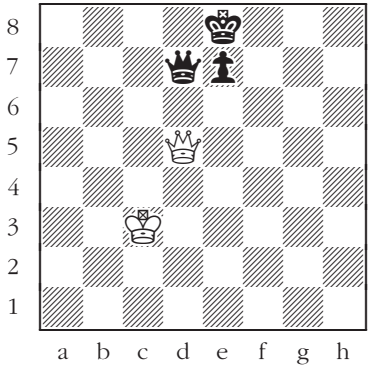

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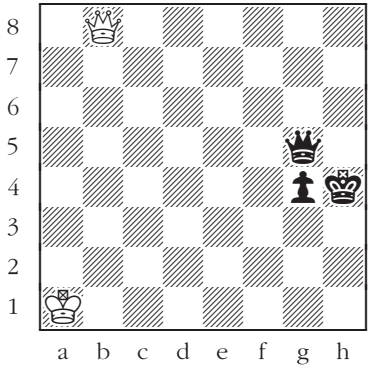

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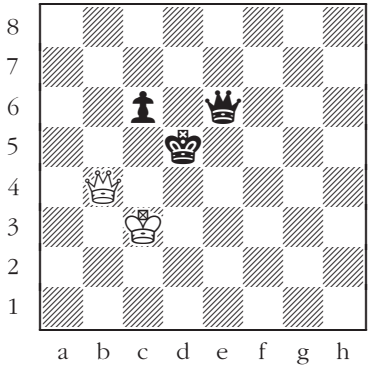

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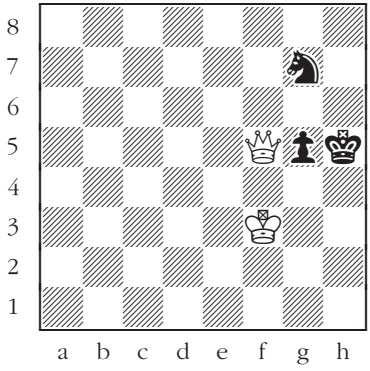

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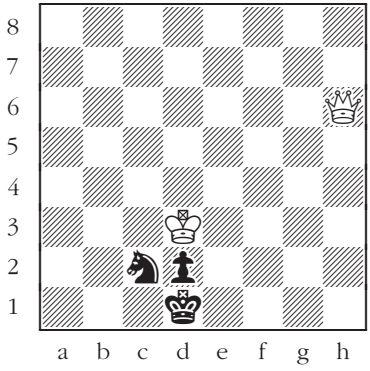


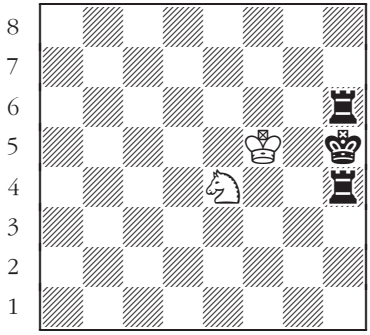
378

King + knight vs. king + two rooks

King + knight vs. king + two bishops

King + knight vs. king + two knights

White to move.



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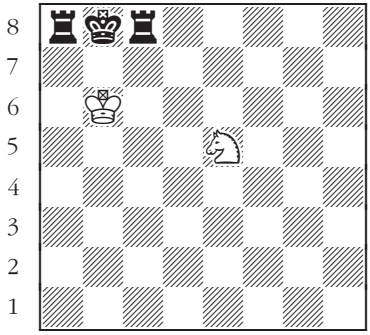

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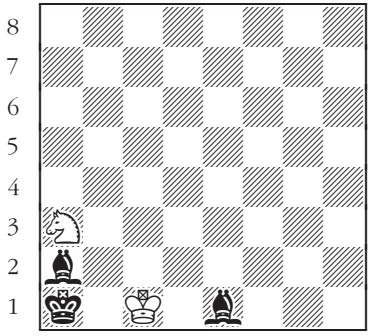

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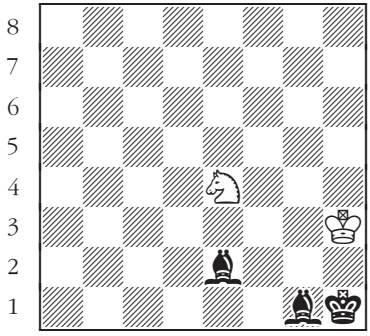

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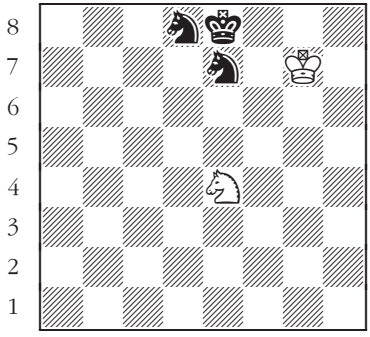

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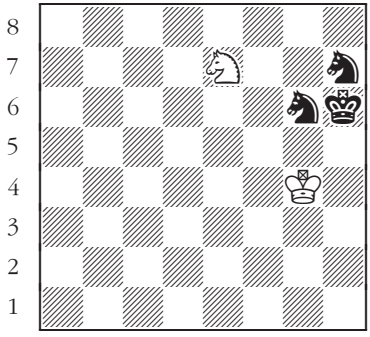


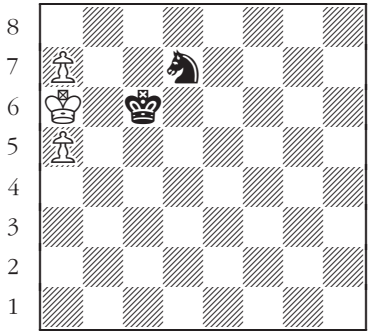
384

King + knight vs. king + two pawns

King + knight vs. king + rook + bishop

King + knight vs. king + rook + queen

Black to move.



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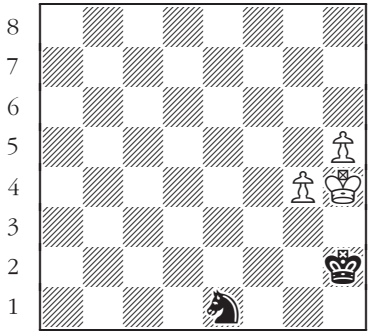

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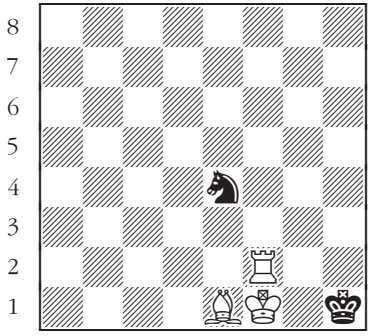
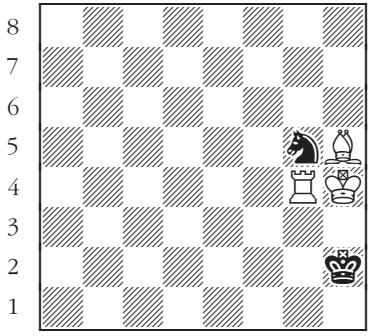
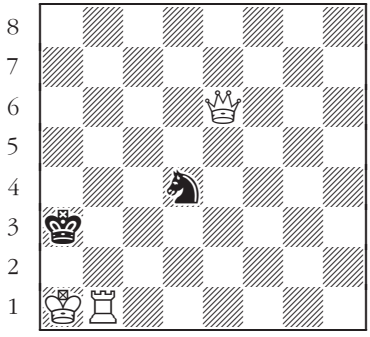


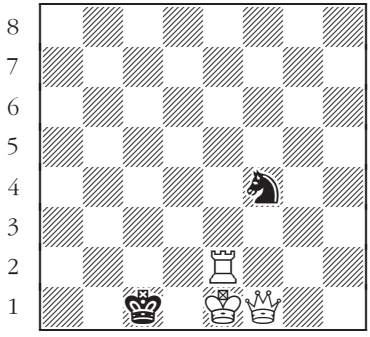
387



388



389



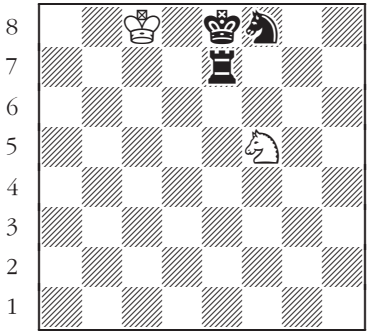
390

King + knight vs. king + rook + knight

King + knight vs. king + rook + pawn

King + knight vs. king + bishop + queen

White to move.



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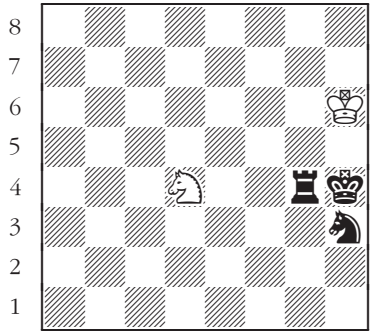

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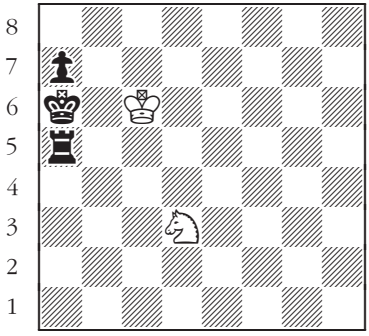

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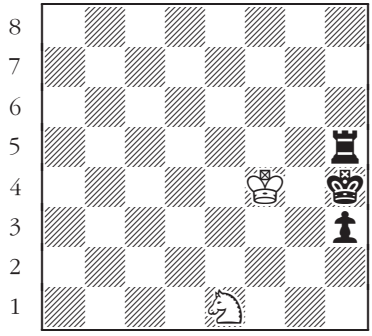

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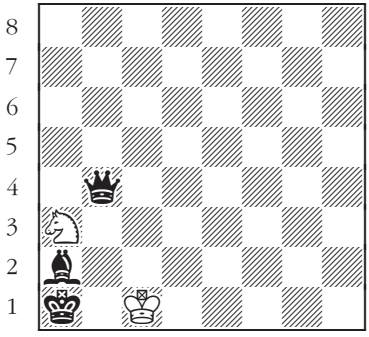
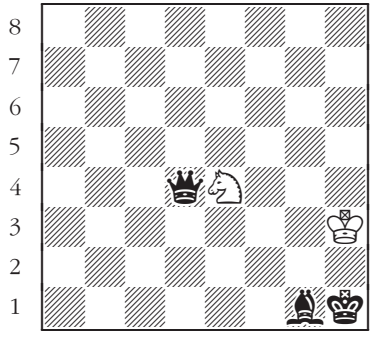


395



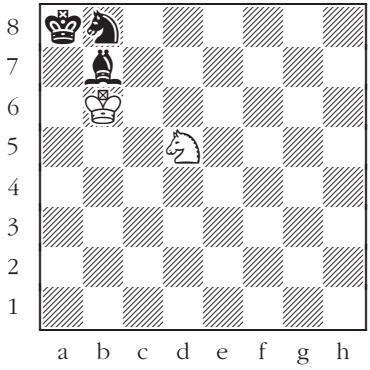
396

King + knight vs. king + bishop + knight

King + knight vs. king + bishop + pawn

King + knight vs. king + queen + knight

White to move.



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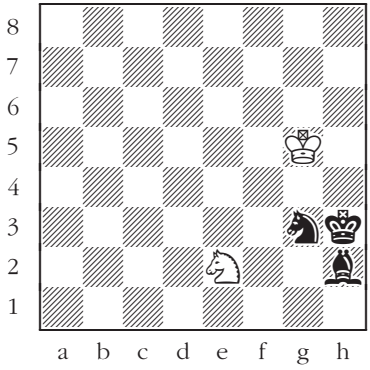

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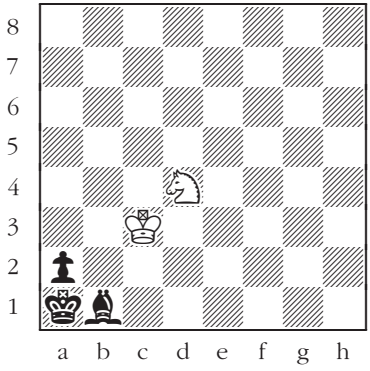

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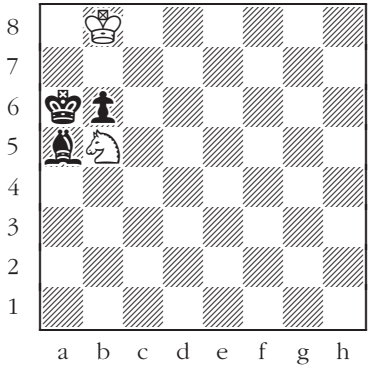

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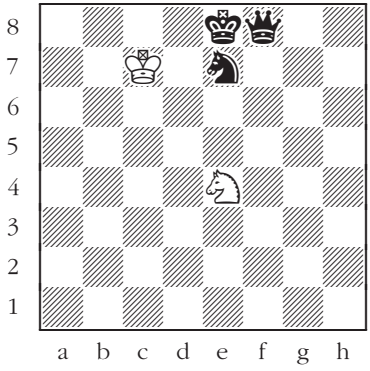

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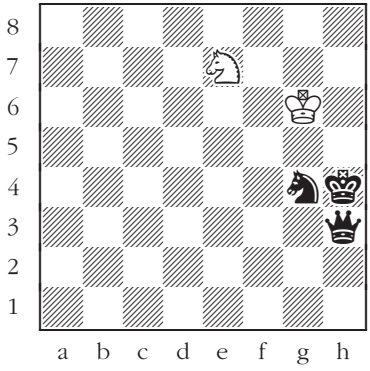
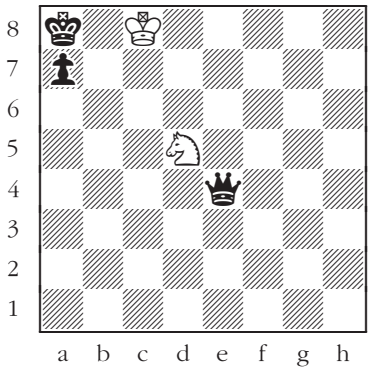


402

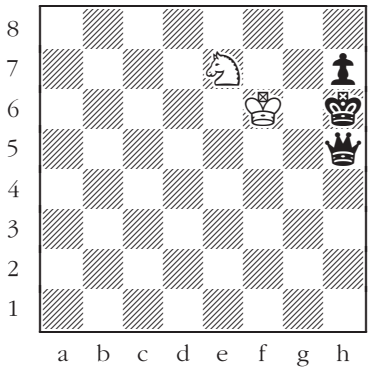
King + knight vs. king + queen + pawn

King + knight vs. king + knight + pawn

White to move.



403



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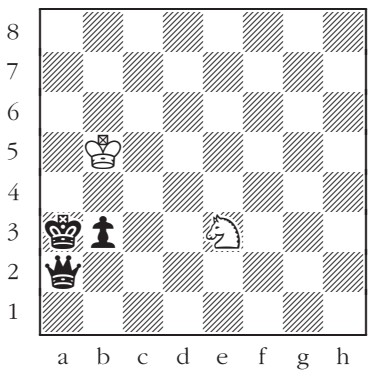

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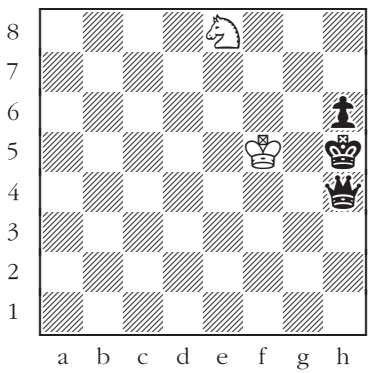
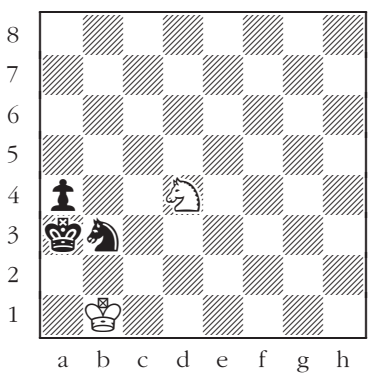


406



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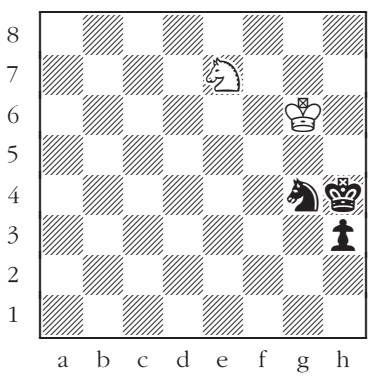


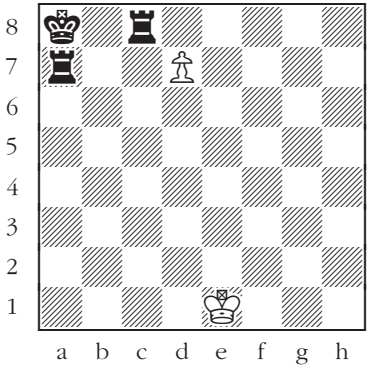
408

King + pawn vs. king + two rooks

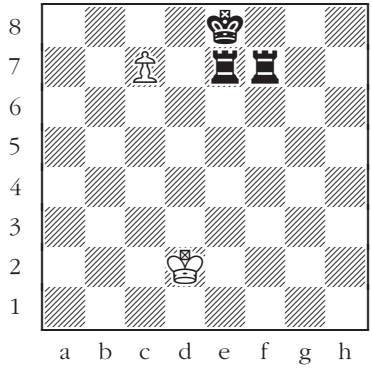
King + pawn vs. king + two bishops

King + pawn vs. king + two knights

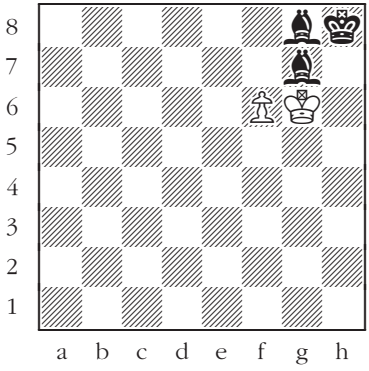
White to move.



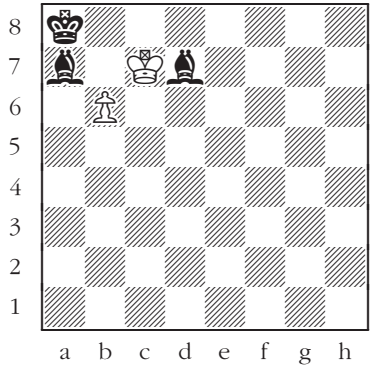
409



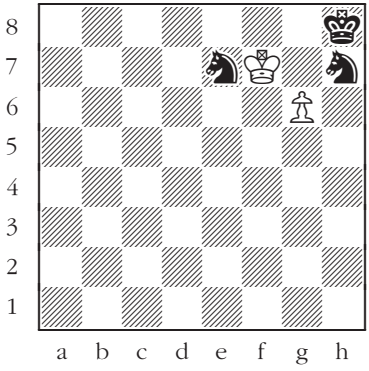
410



411



412



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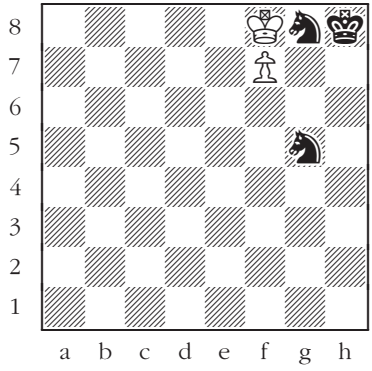


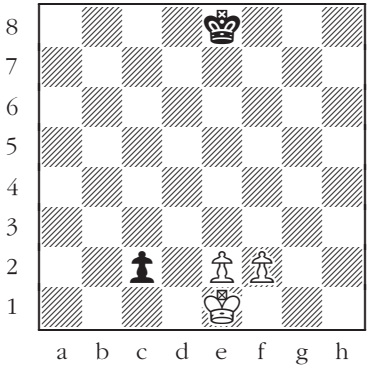
414

King + pawn vs. king + two pawns

King + pawn vs. king + rook + bishop

King + pawn vs. king + rook + queen

Black to move.



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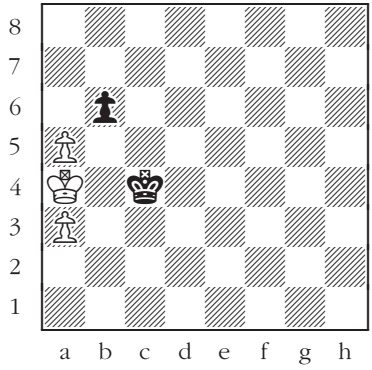

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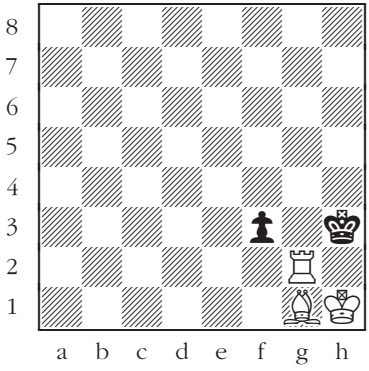

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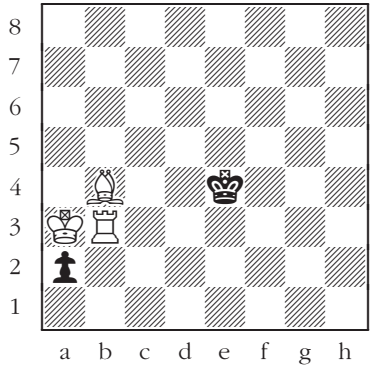

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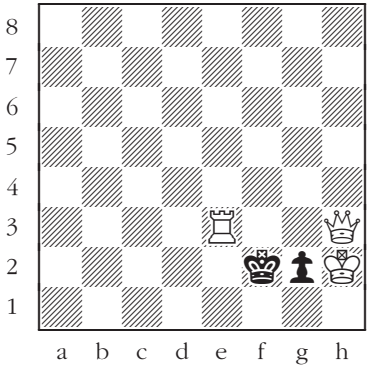

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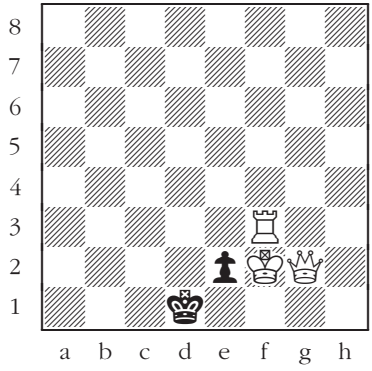


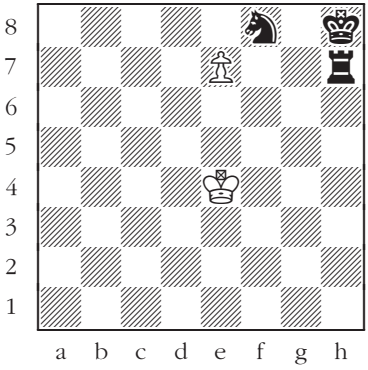
420

King + pawn vs. king + rook + knight

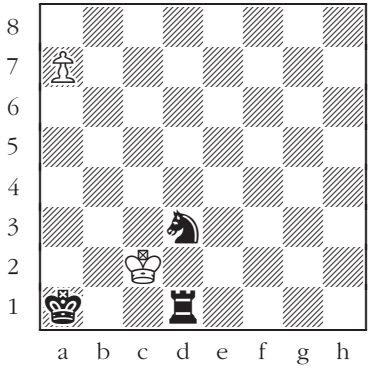
King + pawn vs. king + rook + pawn

King + pawn vs. king + bishop + queen

White to move.



421



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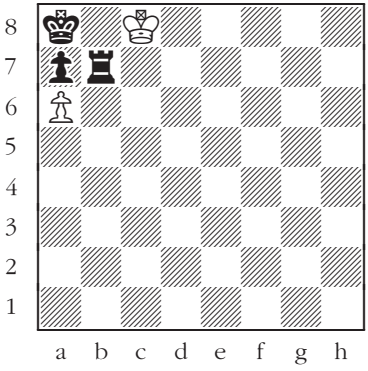

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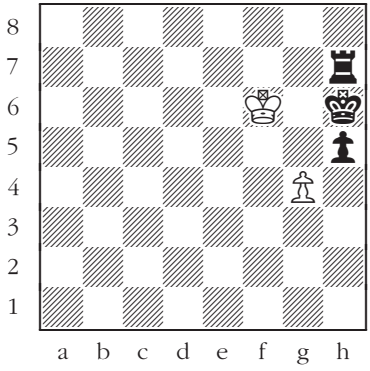

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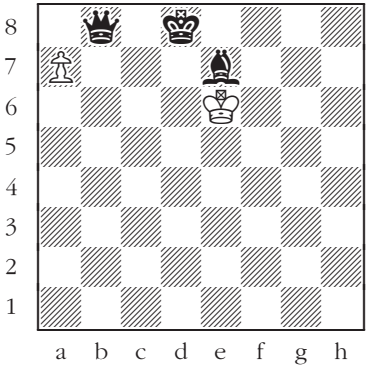

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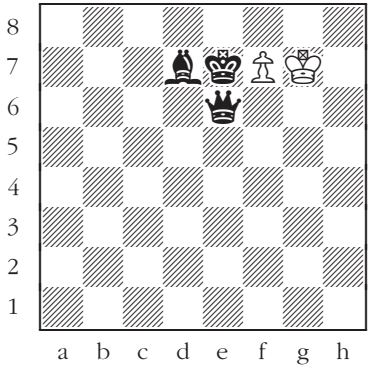


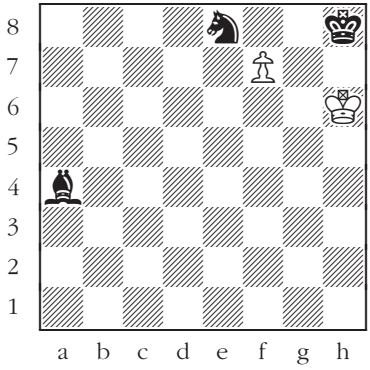
426

King + pawn vs. king + bishop + knight

King + pawn vs. king + bishop + pawn

King + pawn vs. king + queen + knight

White to move.



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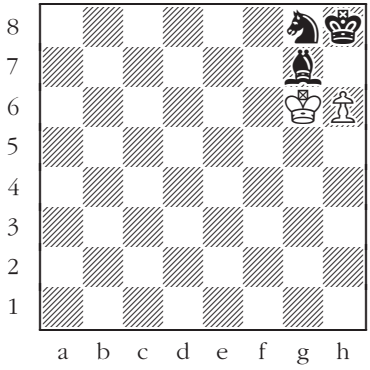

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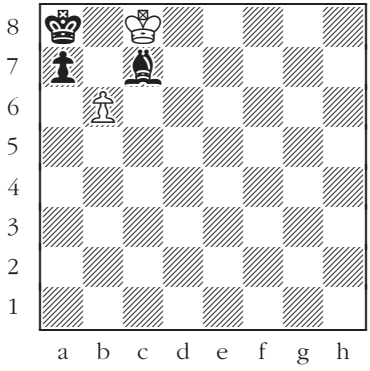

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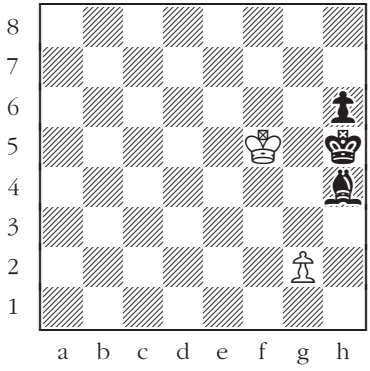

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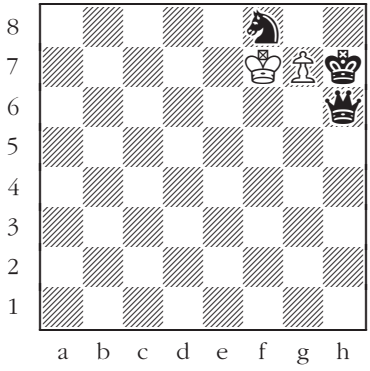

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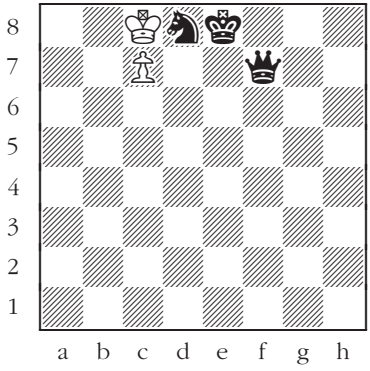
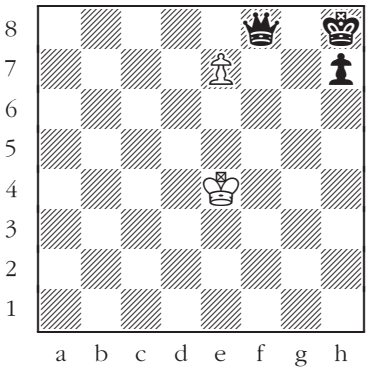


432

King + pawn vs. king + queen + pawn

King + pawn vs. king + knight + pawn

White to move.



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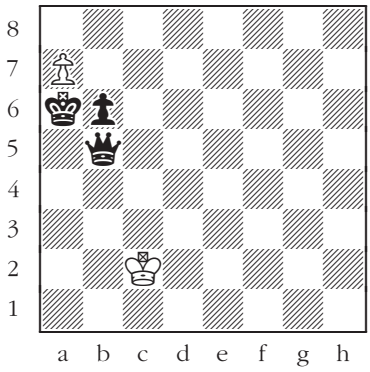

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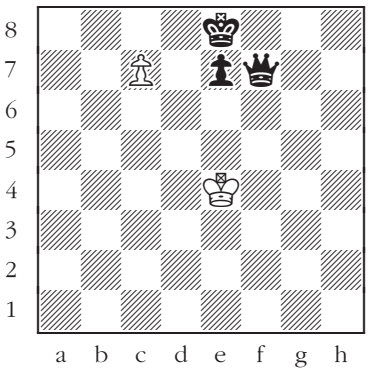

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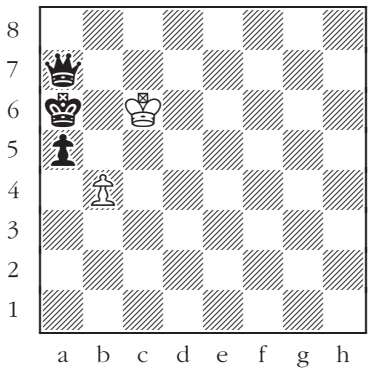

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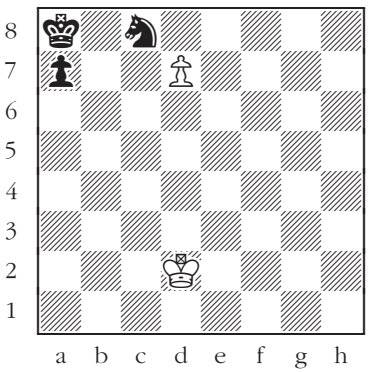

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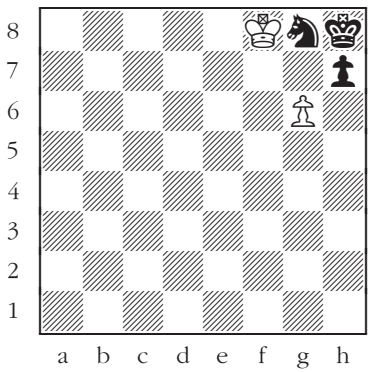


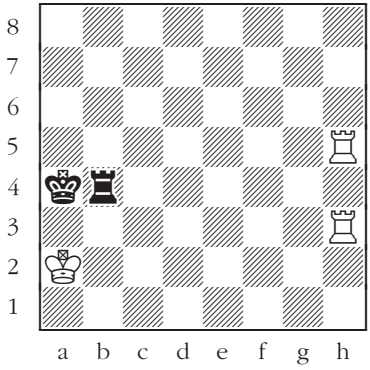
438

King + two rooks vs. king + rook

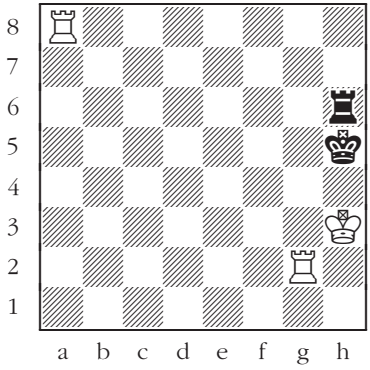
King + two rooks vs. king + bishop

King + two rooks vs. king + queen

White to move.



439



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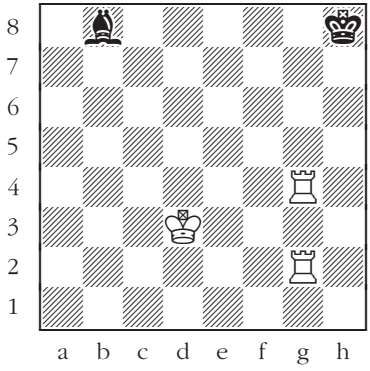

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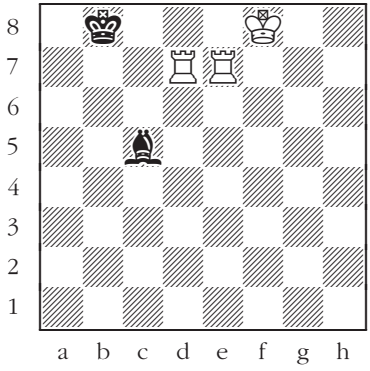

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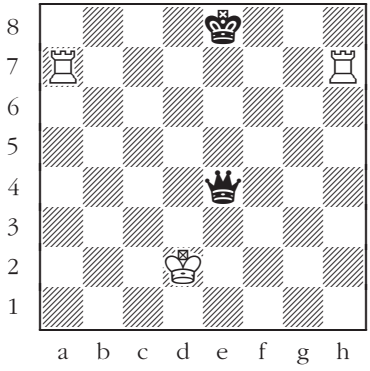

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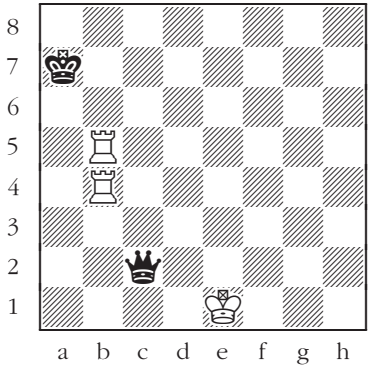


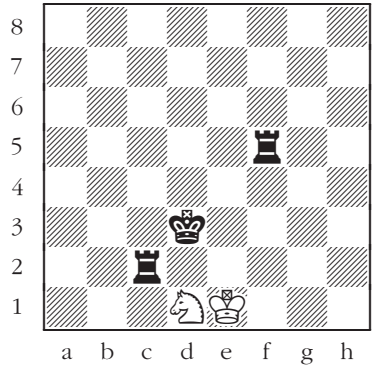
444

King + two rooks vs. king + knight

King + two rooks vs. king + pawn

King + two bishops vs. king + rook

Black to move.



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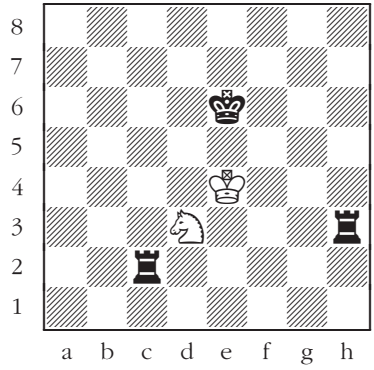

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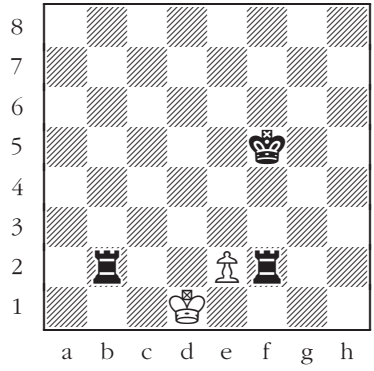

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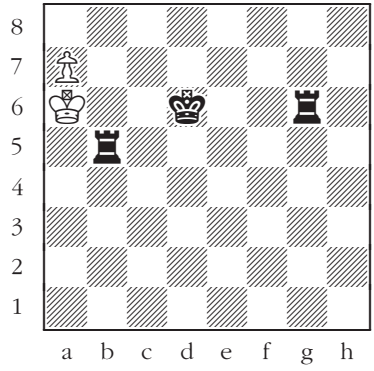

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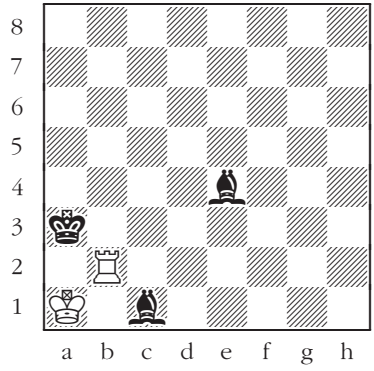

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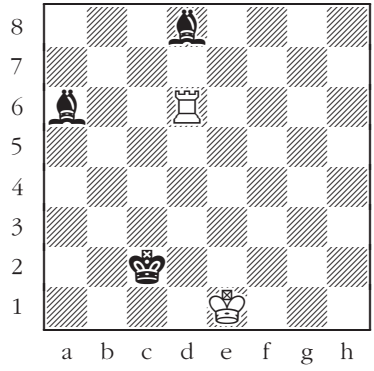


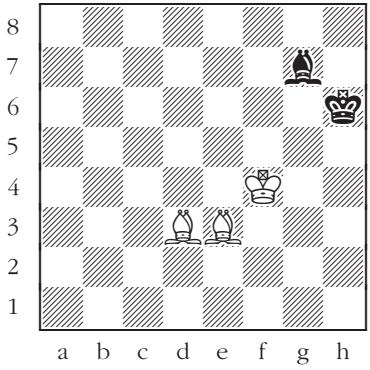
450

King + two bishops vs. king + bishop

King + two bishops vs. king + queen

King + two bishops vs. king + knight

White to move.



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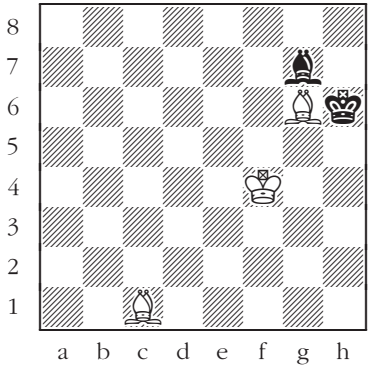

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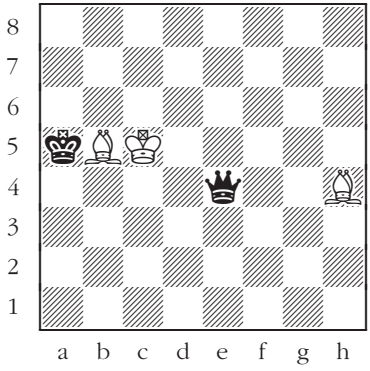

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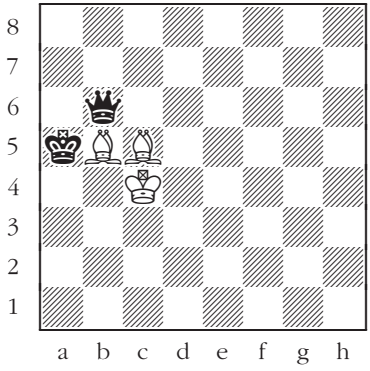

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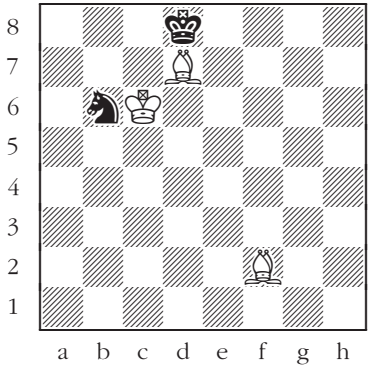

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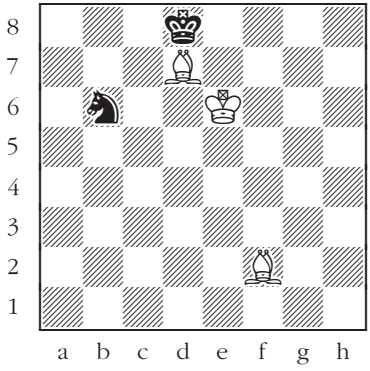


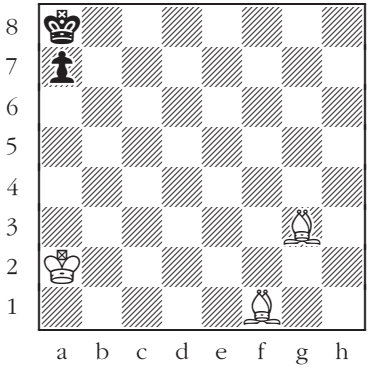
456

King + two bishops vs. king + pawn

King + two knights vs king + rook

King + two knights vs. king + bishop

White to move.



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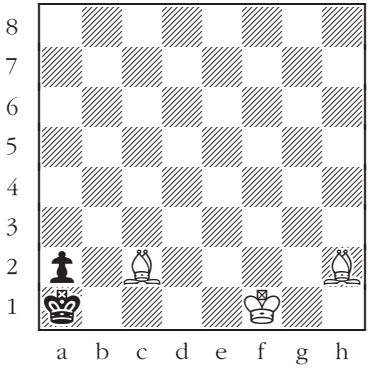

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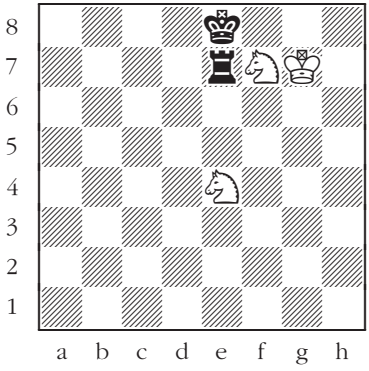

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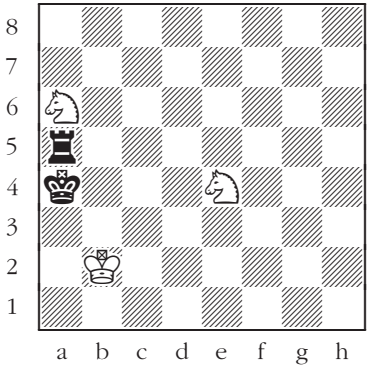

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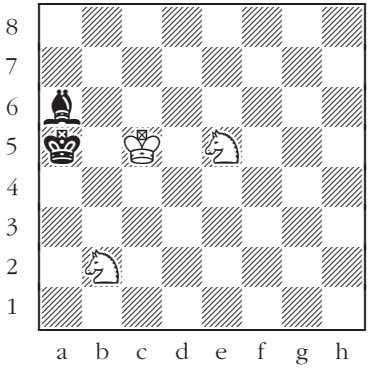

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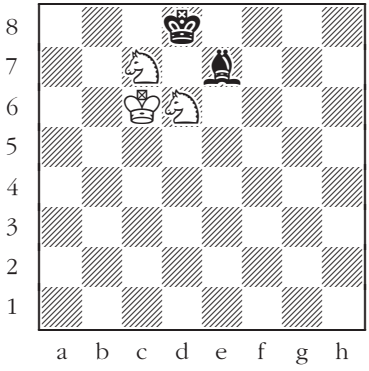


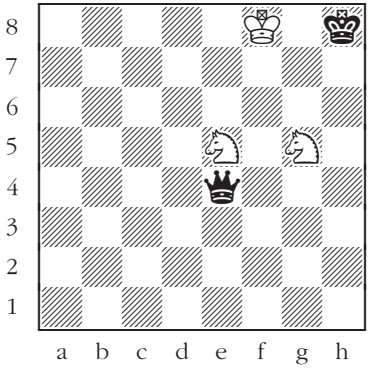
462

King + two knights vs. king + queen

King + two knights vs. king + knight

King + two knights vs. king + pawn

White to move.



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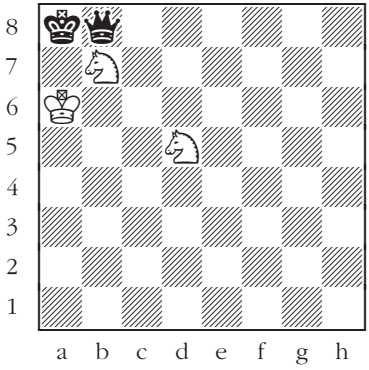

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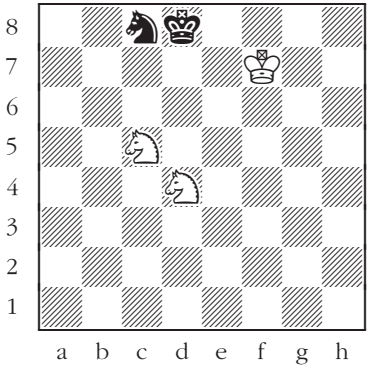

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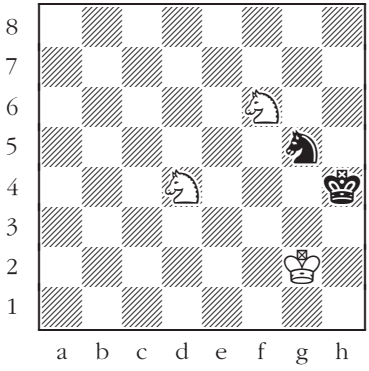

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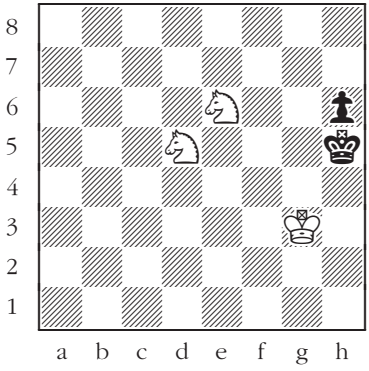

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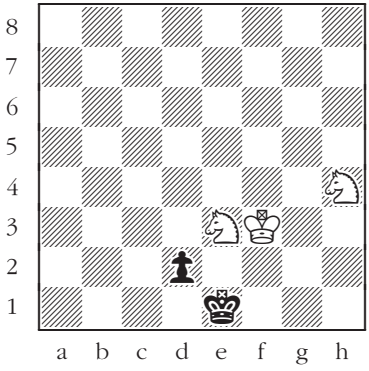


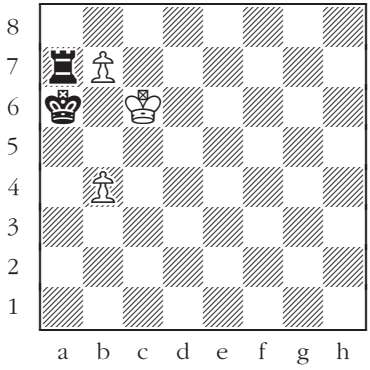
468

King + two pawns vs. king + rook

King + two pawns vs. king + bishop

King + two pawns vs. king + queen

White to move.



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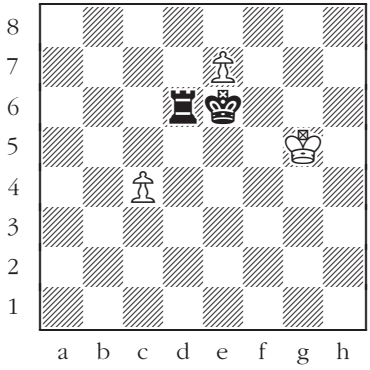

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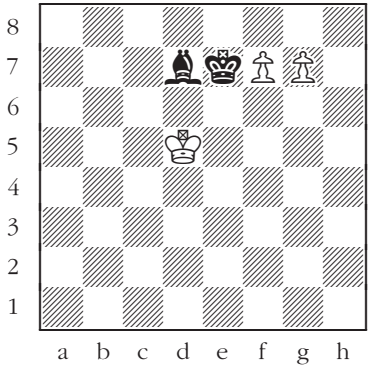

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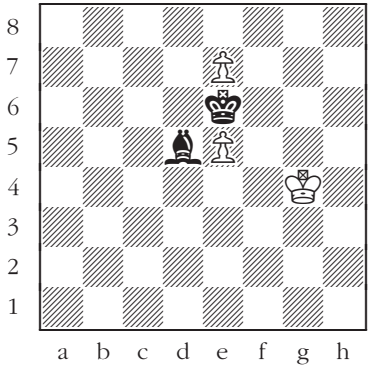

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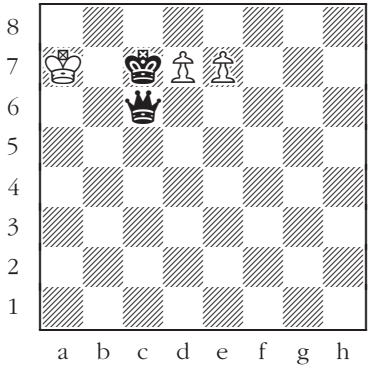

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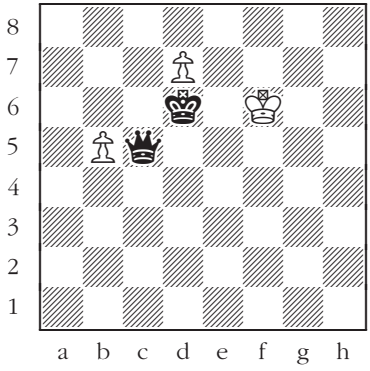
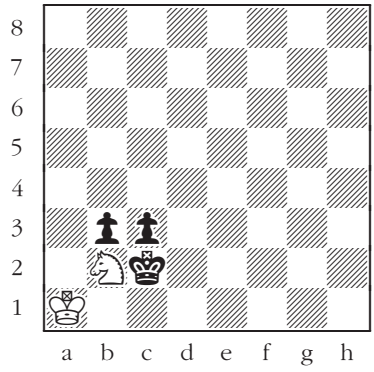


474

King + two pawns vs. king + knight

King + two pawns vs. king + pawn

Black to move.



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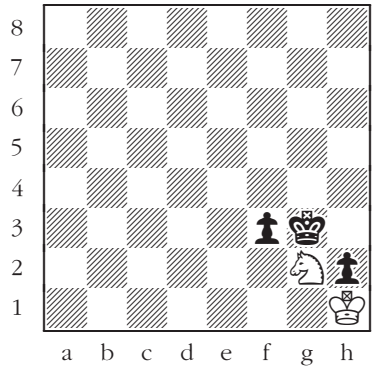

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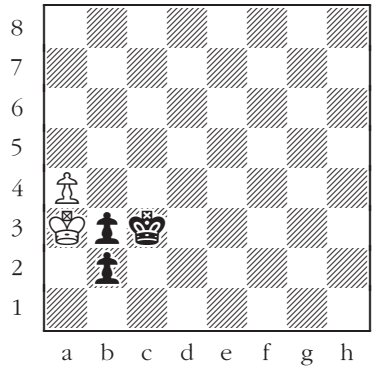

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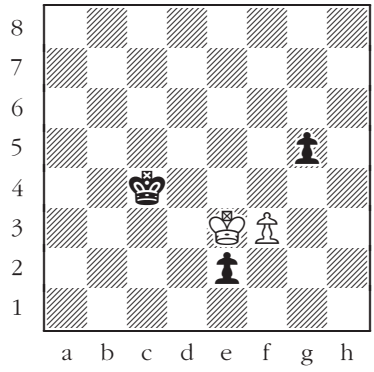

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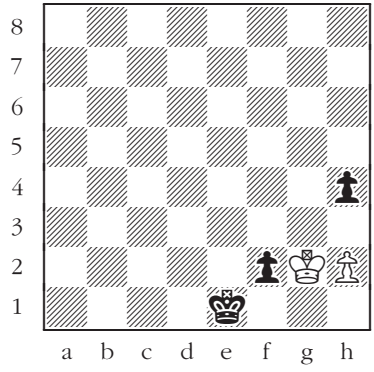

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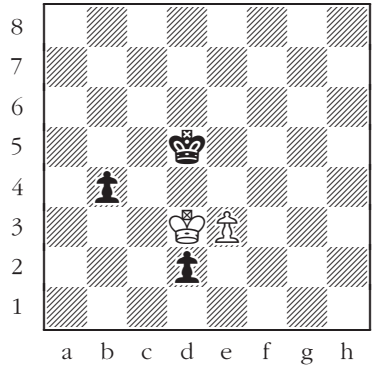


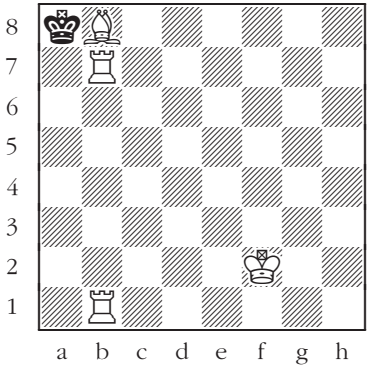
480

King + two rooks + bishop vs. king

King + two rooks + queen vs. king

King + two rooks + knight vs. king

White to move.



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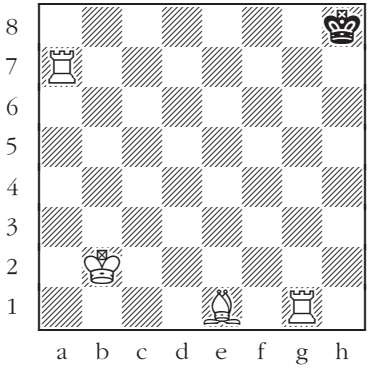

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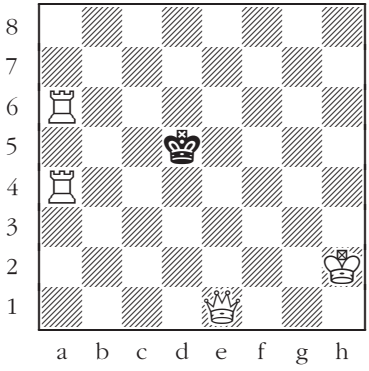

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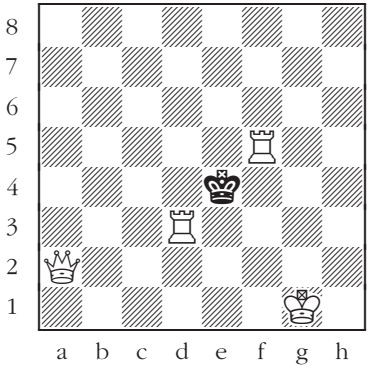

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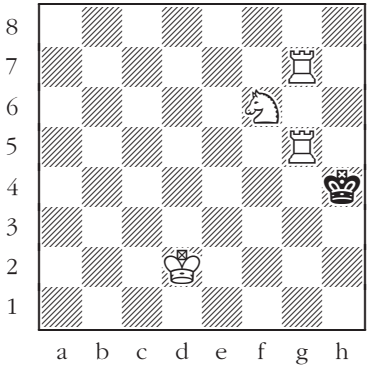

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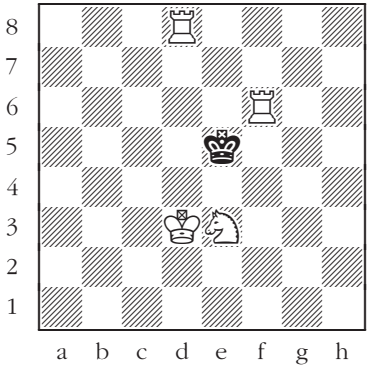


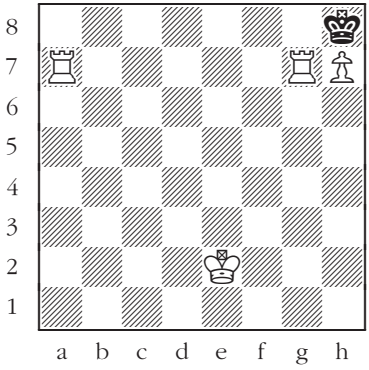
486

King + two rooks + pawn vs. king

King + two bishops + rook vs. king

King + two bishops + queen vs. king

White to move.



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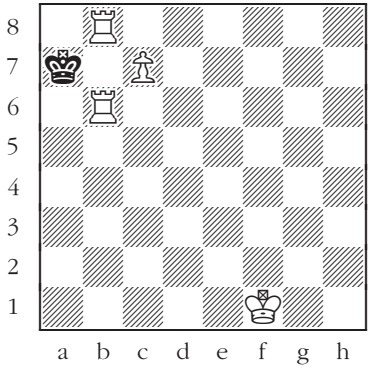

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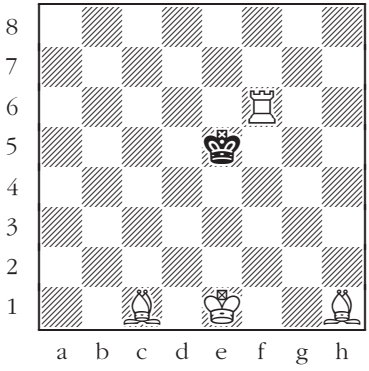

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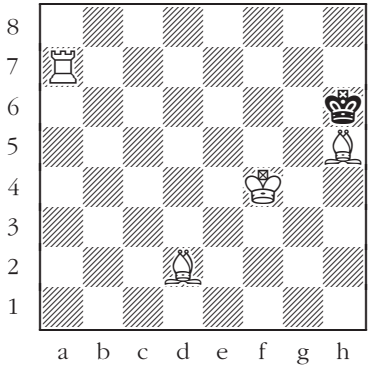

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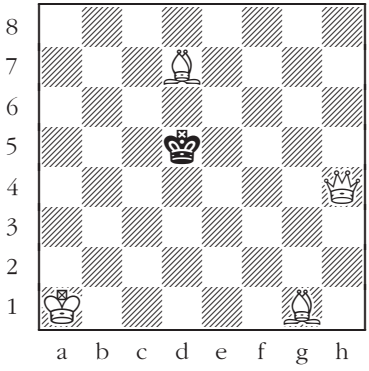

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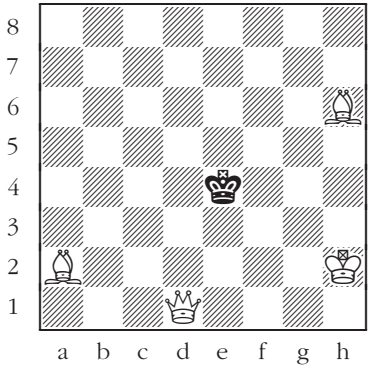


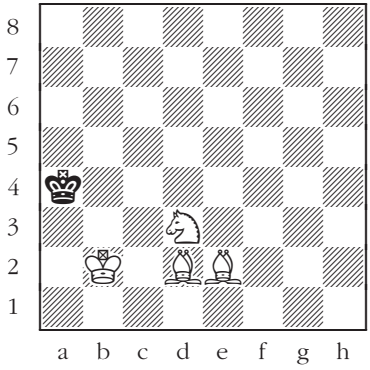
492

King + two bishops + knight vs. king

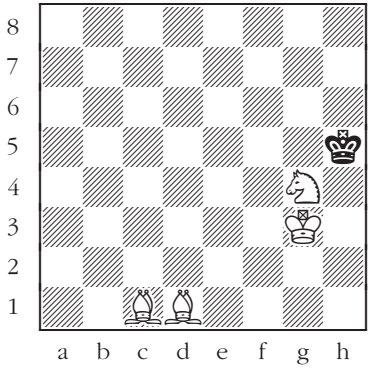
King + two bishops + pawn vs. king

King + two knights + rook vs. king

White to move.



493



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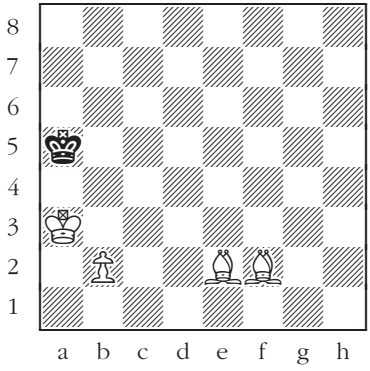

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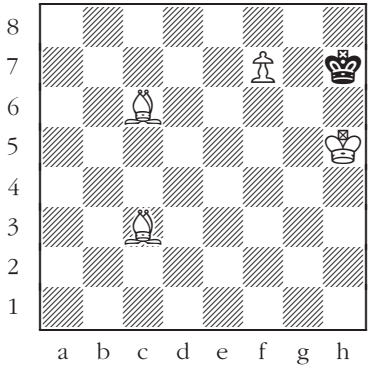

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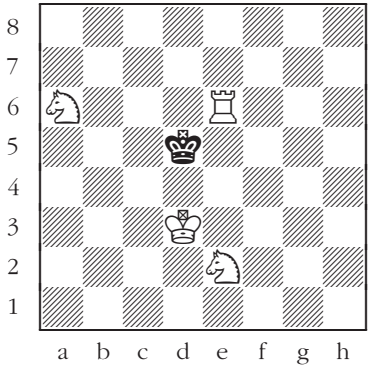

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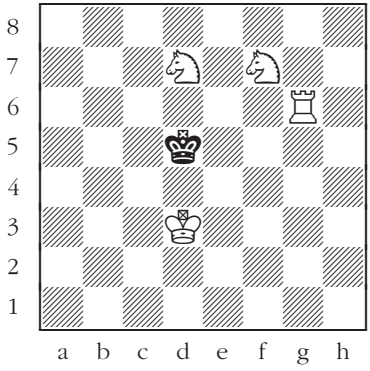


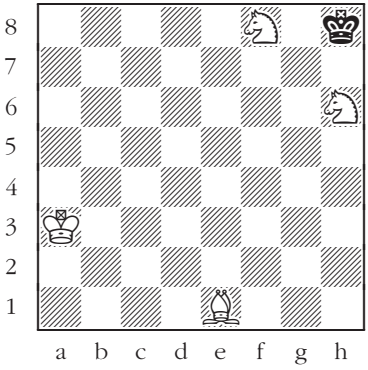
498

King + two knights + bishop vs. king

King + two knights + queen vs. king

King + two knights + pawn vs. king

White to move.



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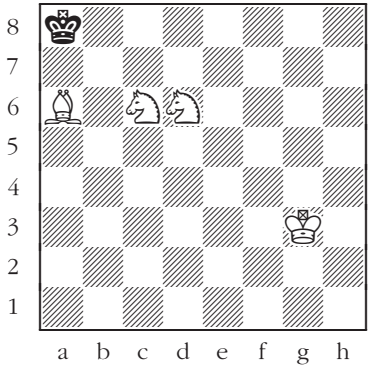

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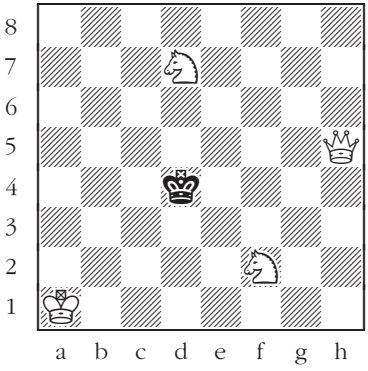

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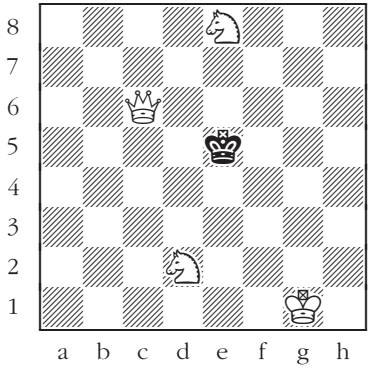

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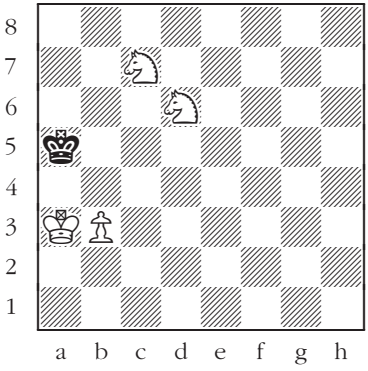

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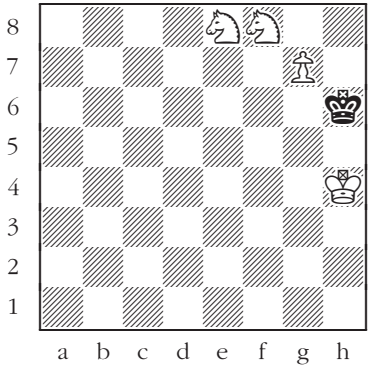
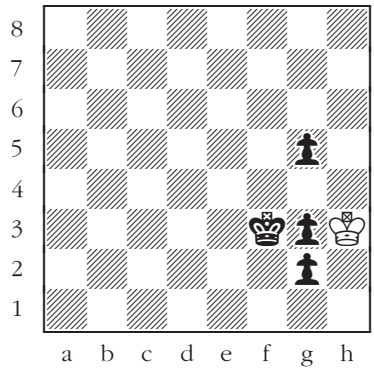


504

King + three pawns vs. king

King + two pawns + rook vs. king

Black to move.



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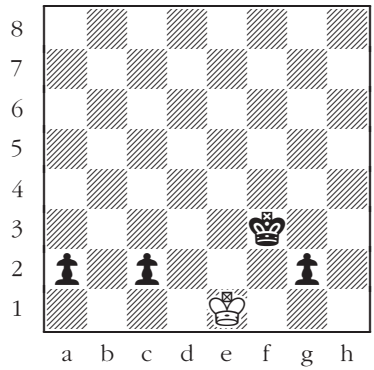

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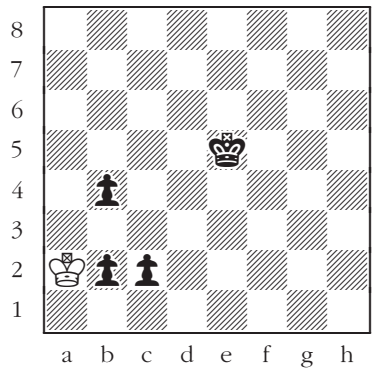

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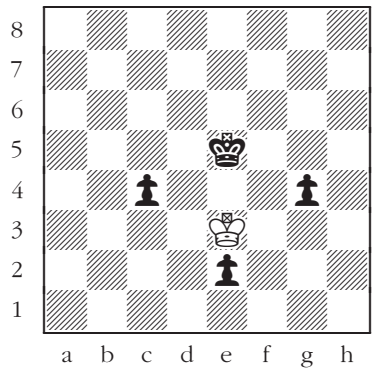
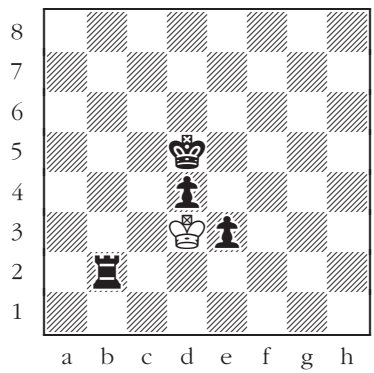


508



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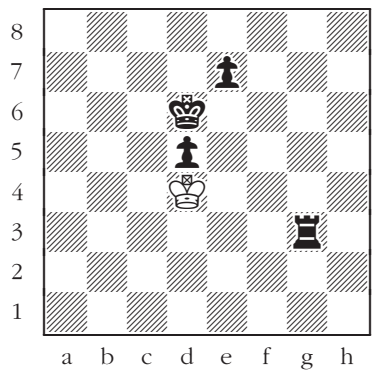


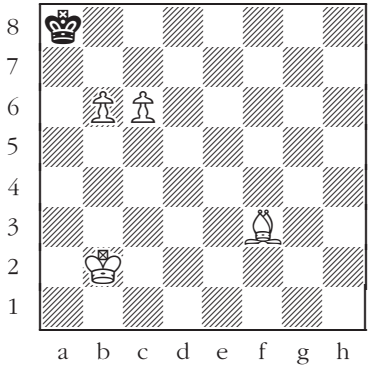
510

King + two pawns + bishop vs. king

King + two pawns + queen vs. king

King + two pawns + knight vs. king

White to move.



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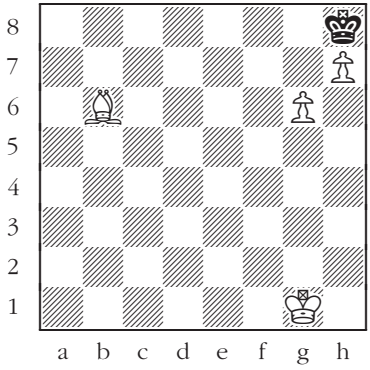

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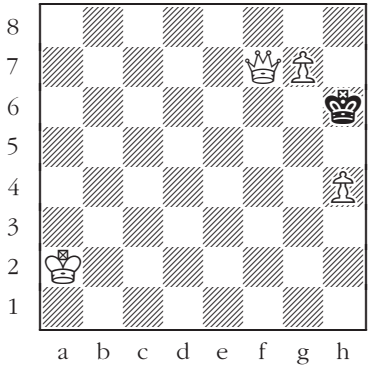

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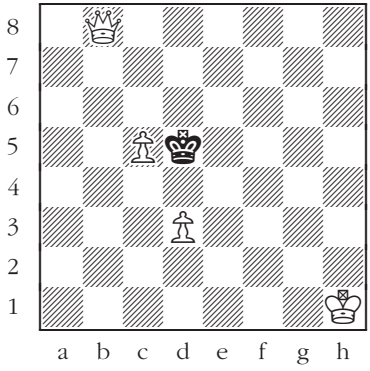

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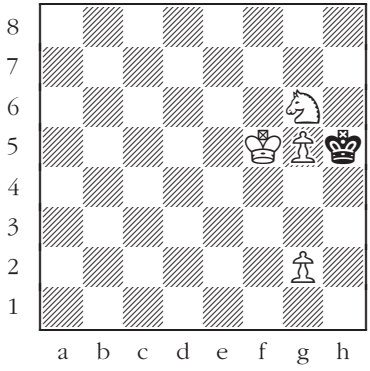

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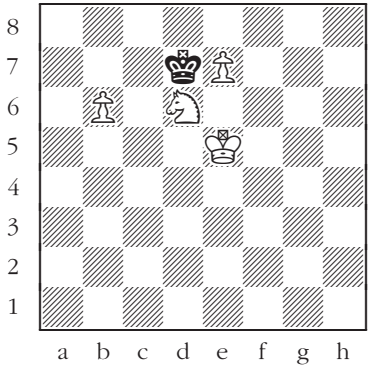


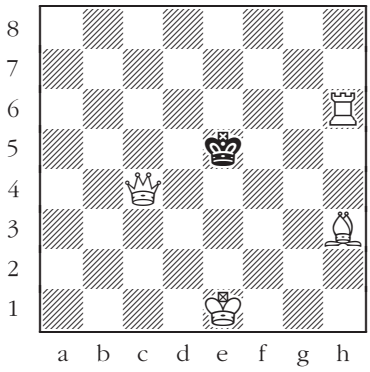
516

King + rook + bishop + queen vs. king

King + rook + bishop + knight vs. king

King + rook + bishop + pawn vs. king

White to move.



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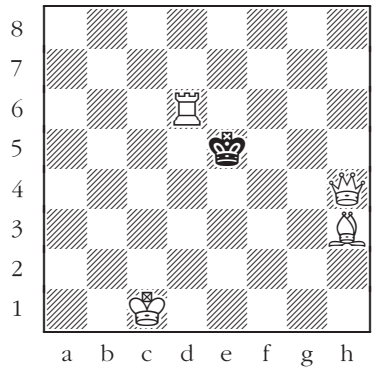

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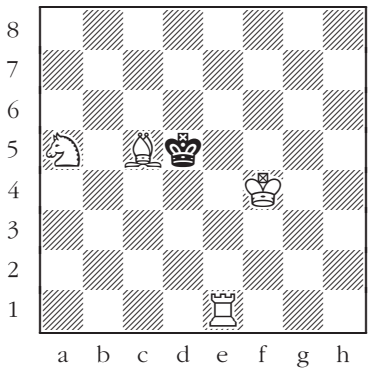

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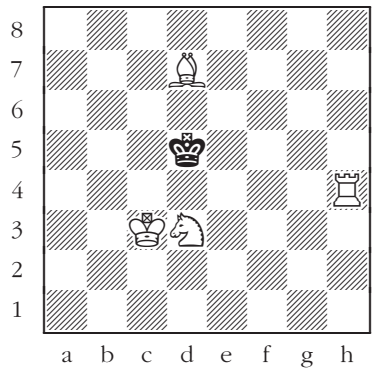

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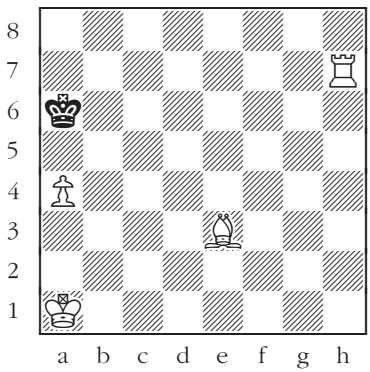

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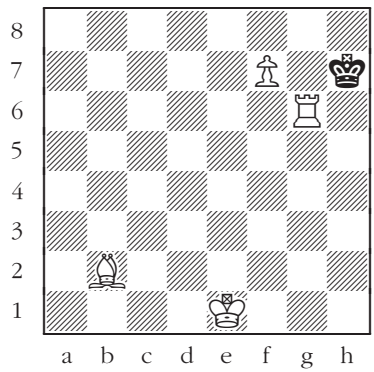


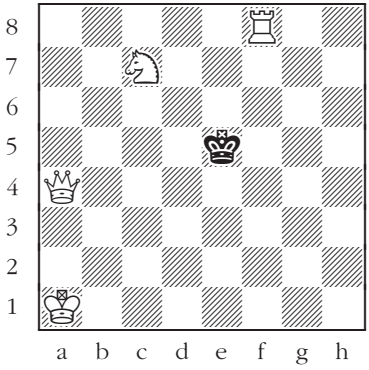
522

King + rook + queen + knight vs. king

King + rook + queen + pawn vs. king

King + rook + knight + pawn vs. king

White to move.



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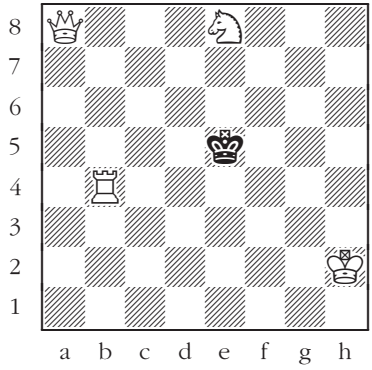

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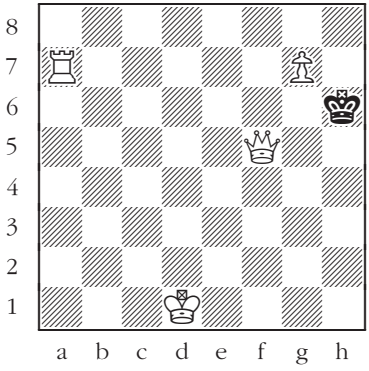

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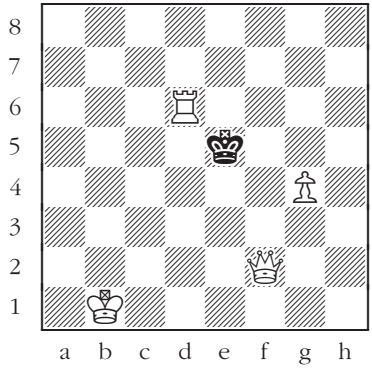

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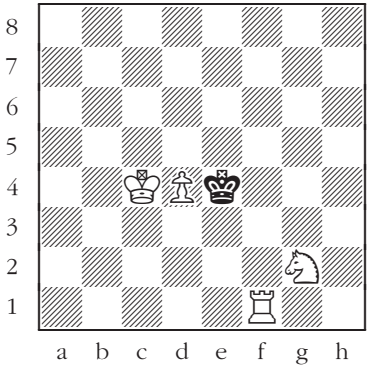

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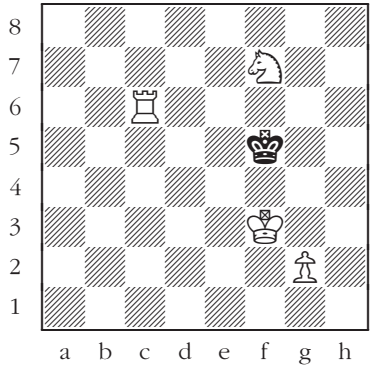
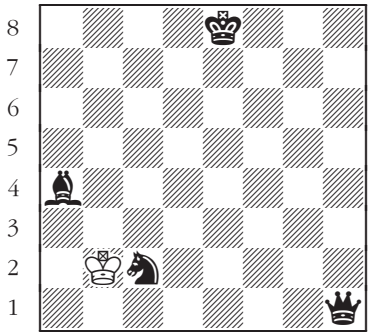


528

King + bishop + queen + knight vs. king

King + bishop + queen + pawn vs. king

Black to move.



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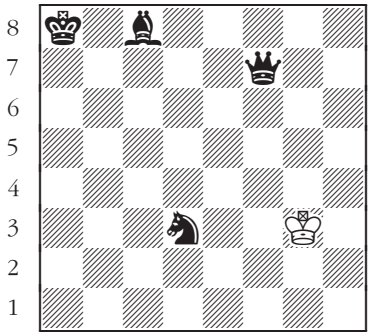

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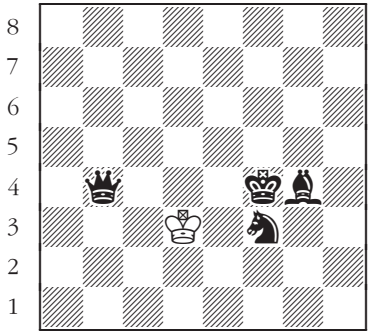

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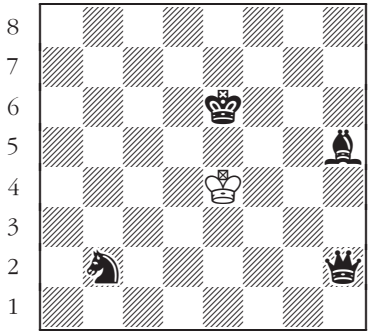

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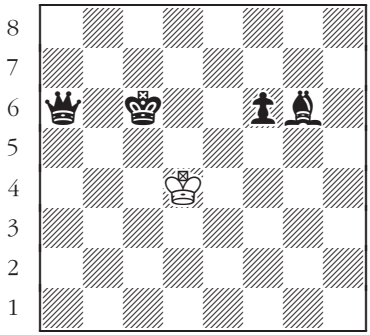

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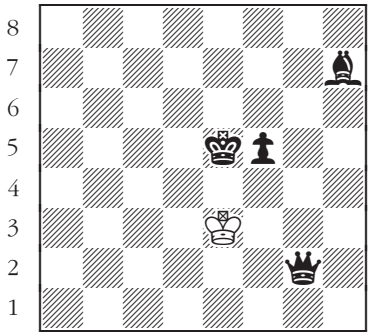
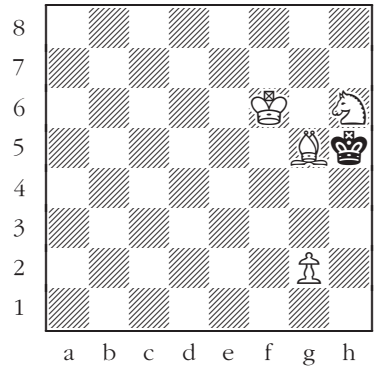


534

King + bishop + knight + pawn vs. king

King + queen + knight + pawn vs. king

White to move.



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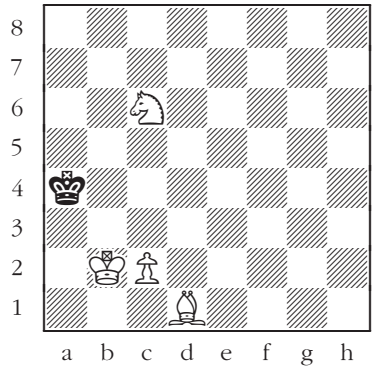

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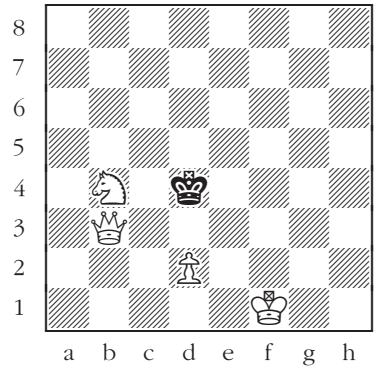

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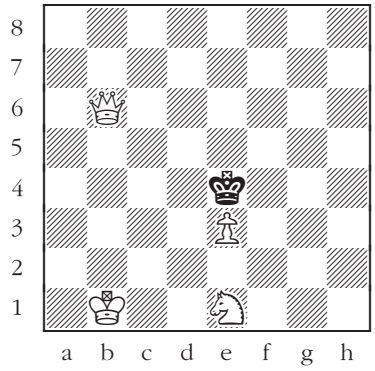

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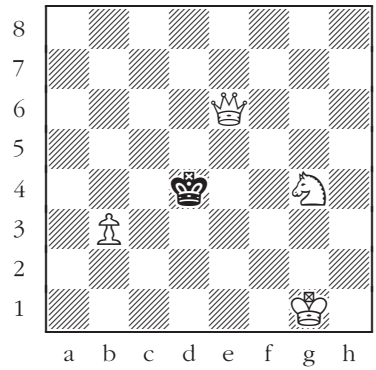

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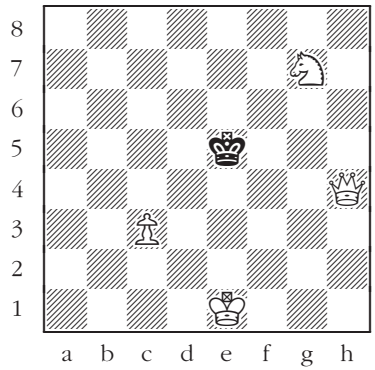
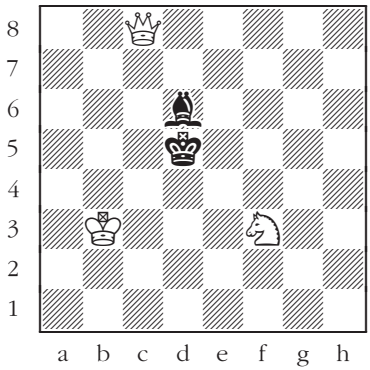


540

Exercises

White to move.



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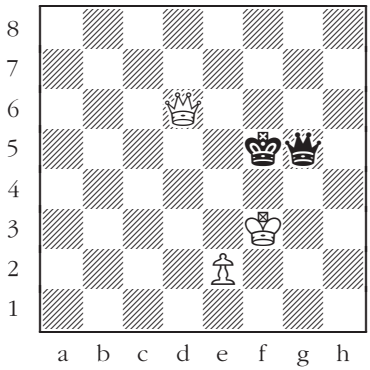

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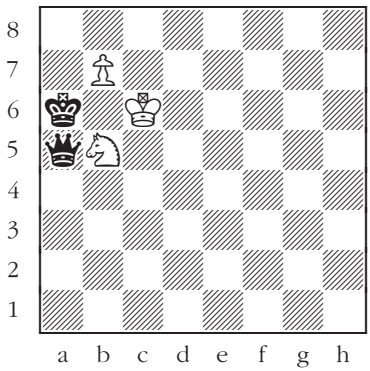

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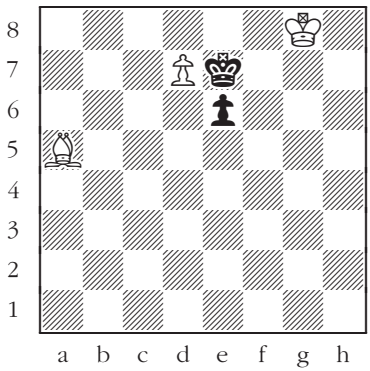

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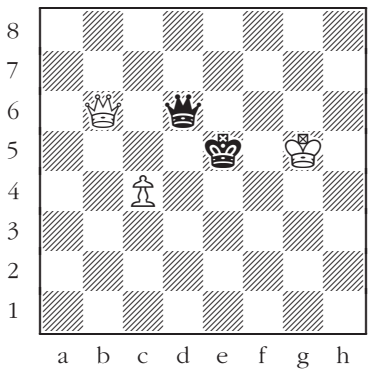

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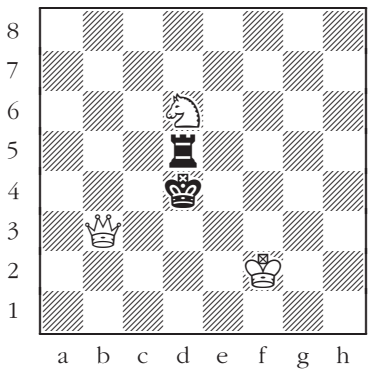
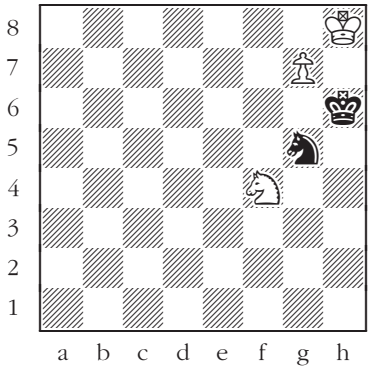


546

White to move.



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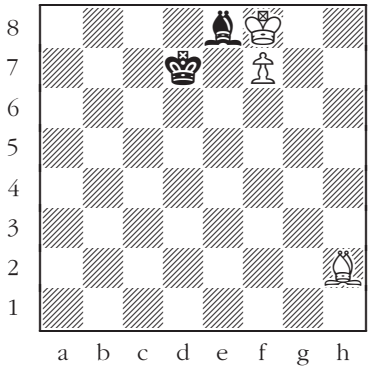

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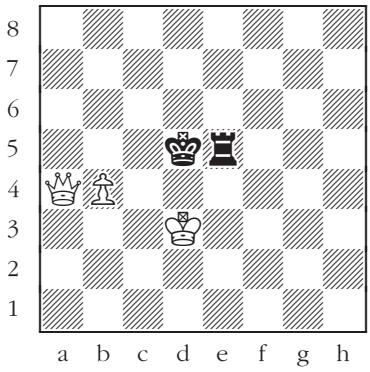

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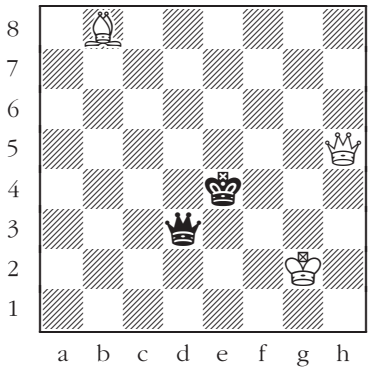

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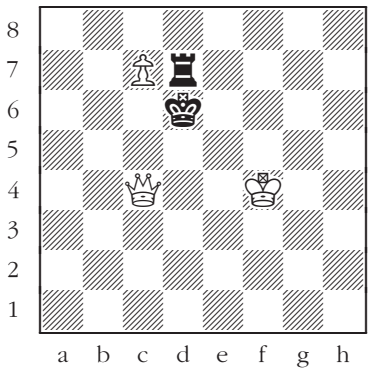

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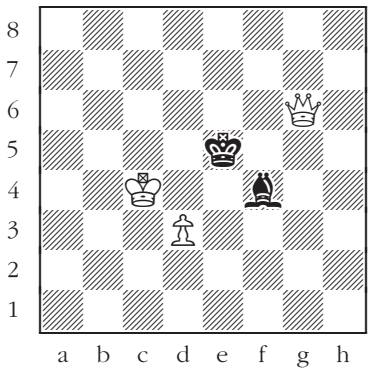

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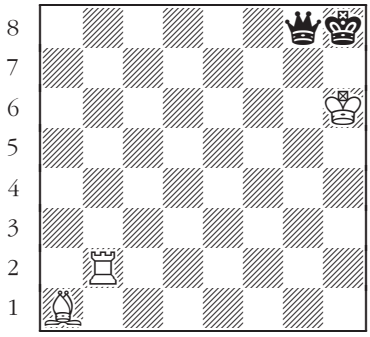

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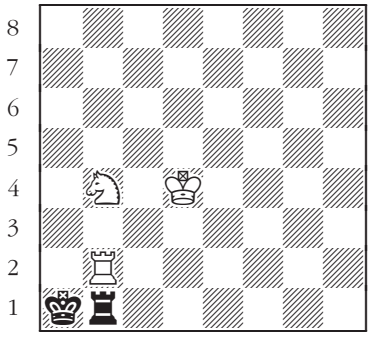

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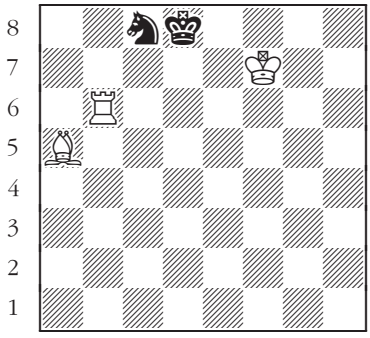

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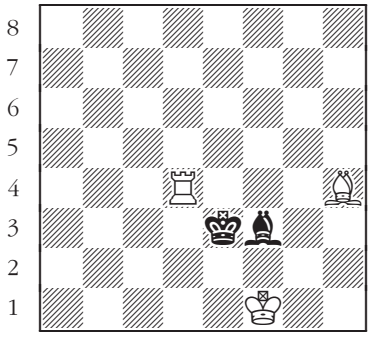

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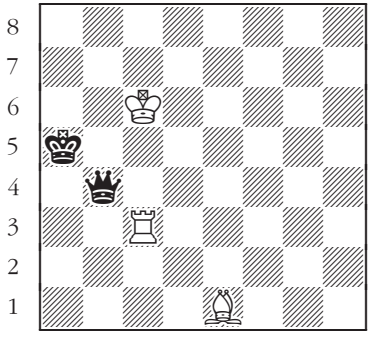

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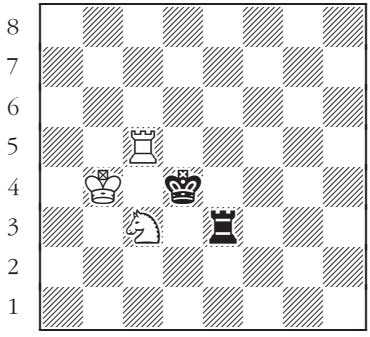

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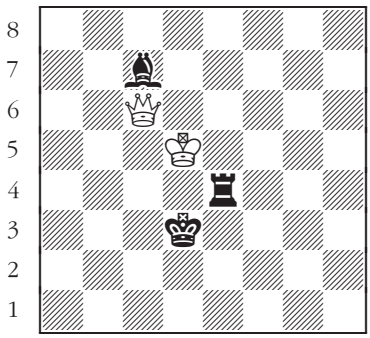

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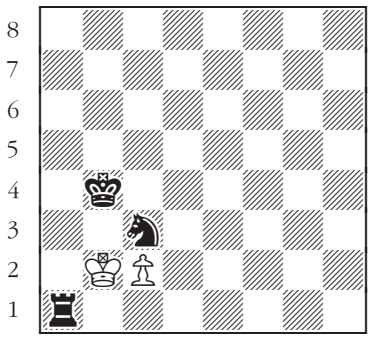

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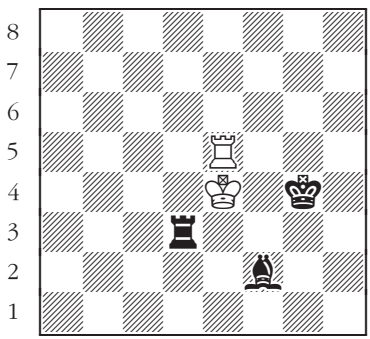

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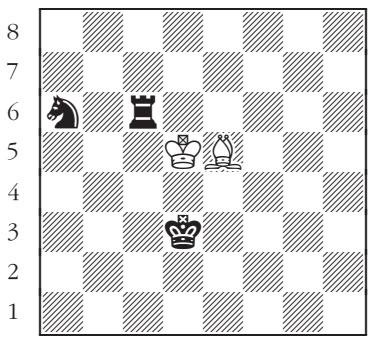

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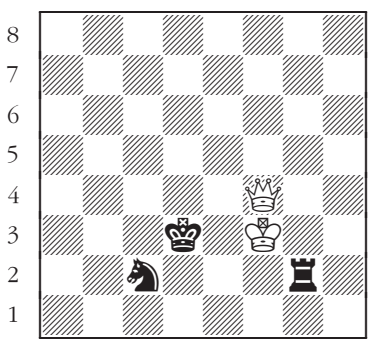

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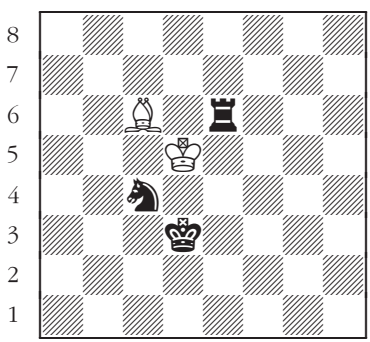

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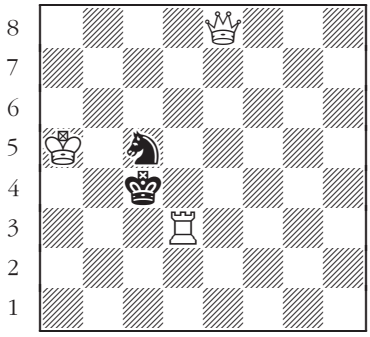

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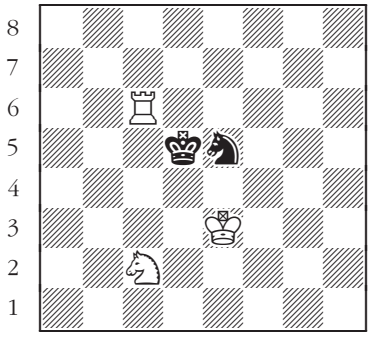

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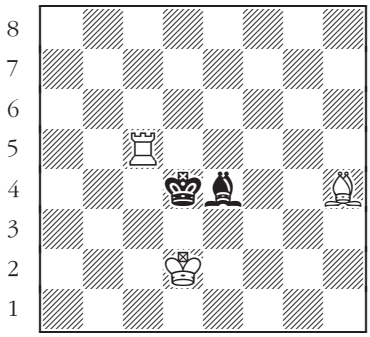

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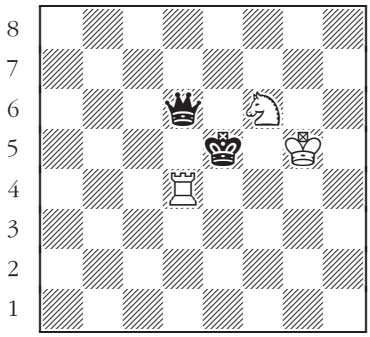

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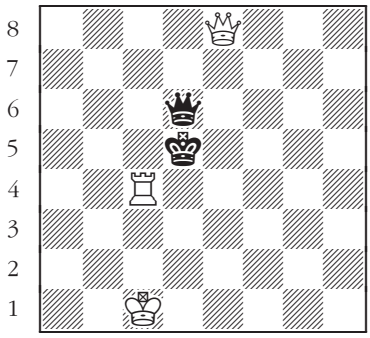

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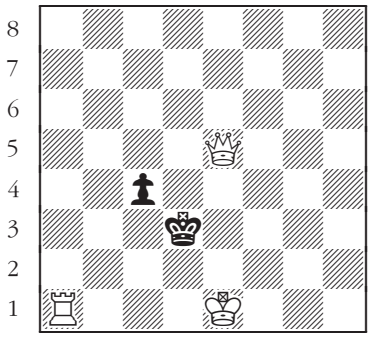

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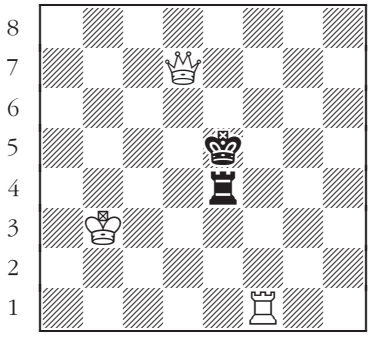

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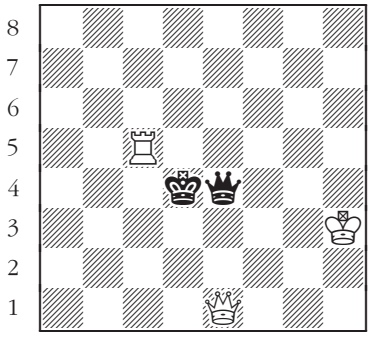

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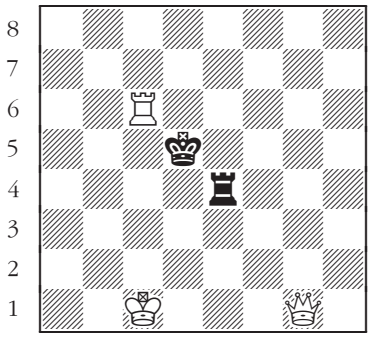

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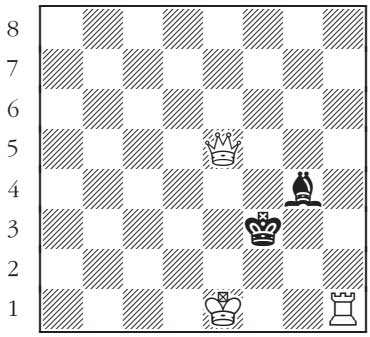

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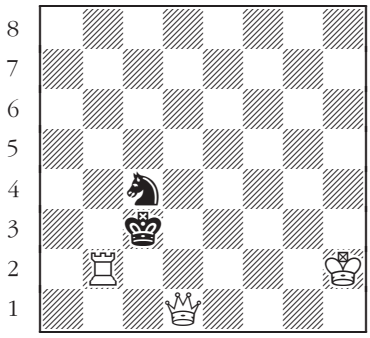

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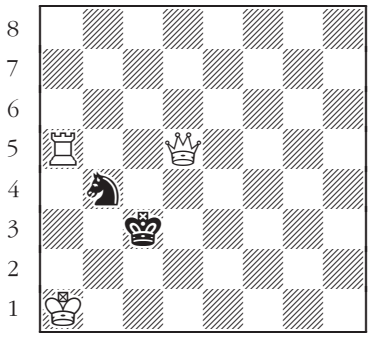

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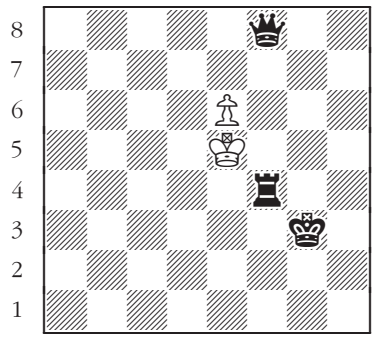

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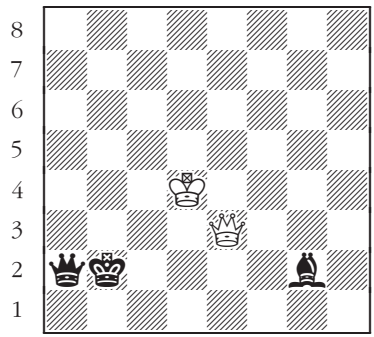

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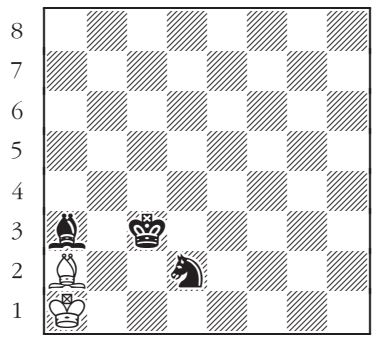

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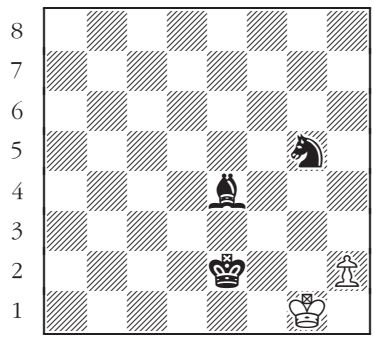

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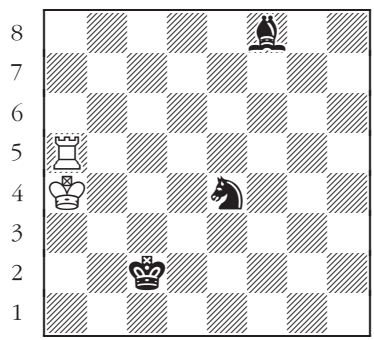

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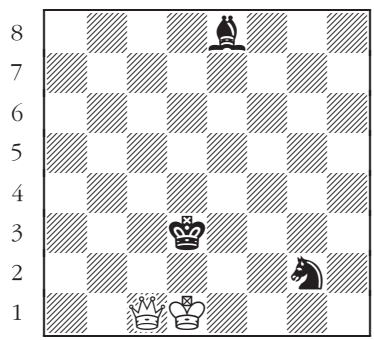
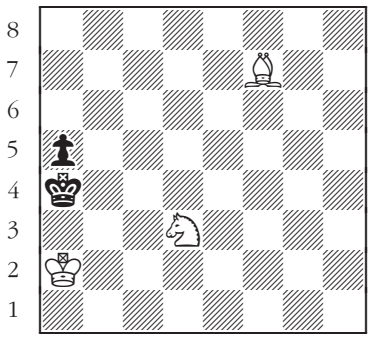


582

White to move.



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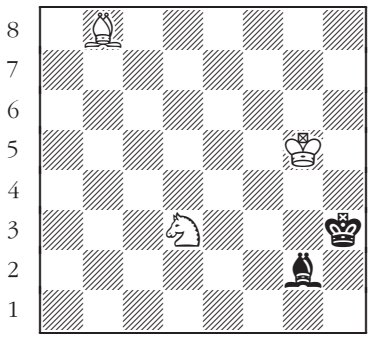

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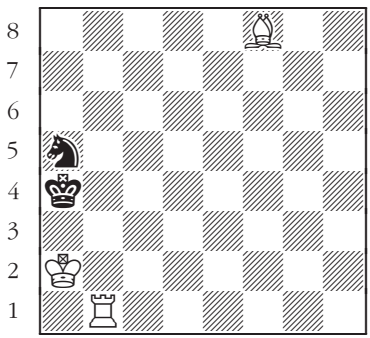

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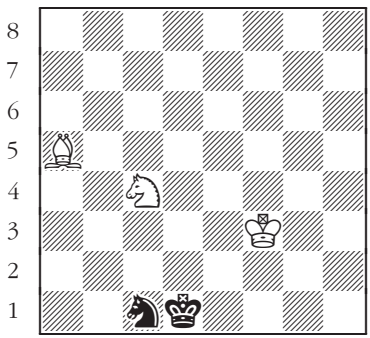

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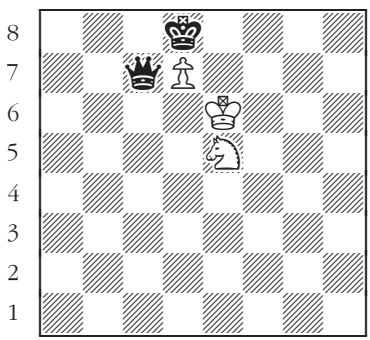

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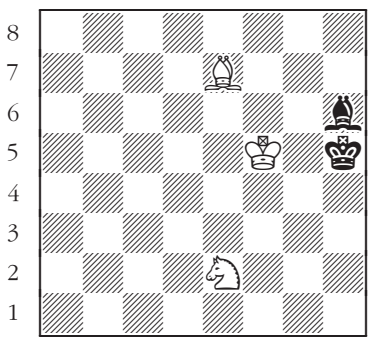

588

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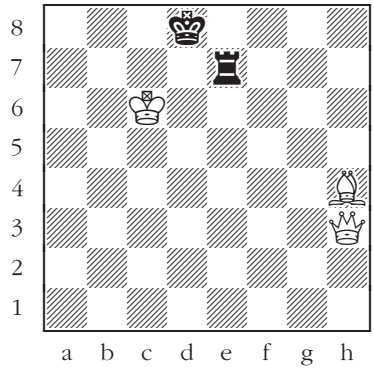

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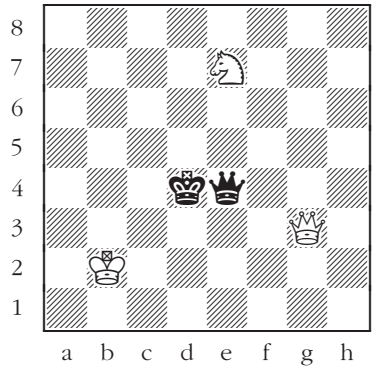

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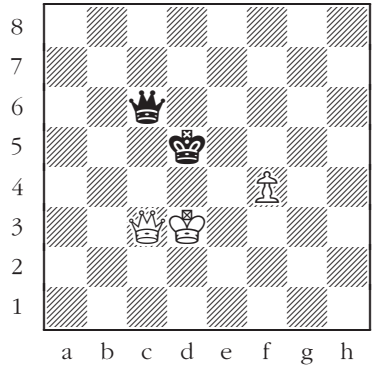

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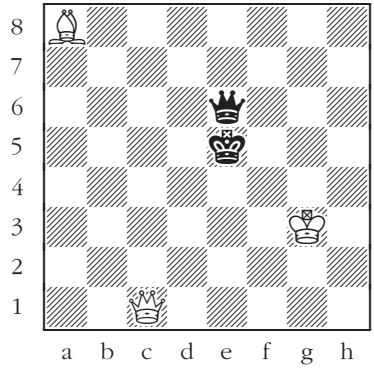

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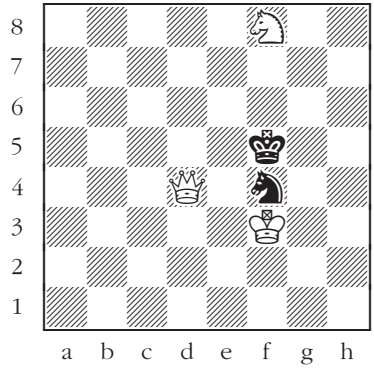

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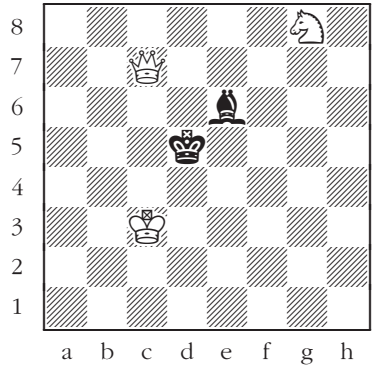
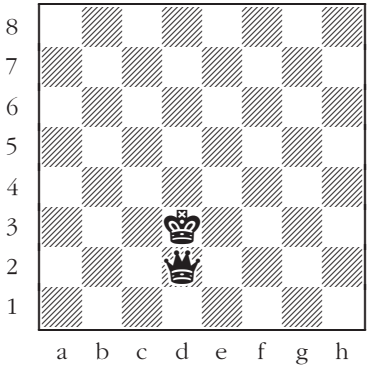


594

Fun Puzzles

The king fell off the board! Black declared checkmate, but the white king got knocked off the board! **Where was White's king?**



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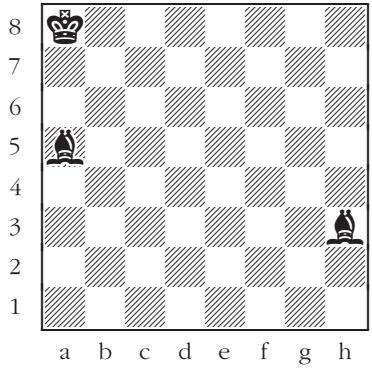

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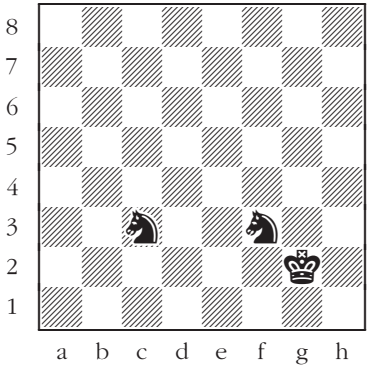

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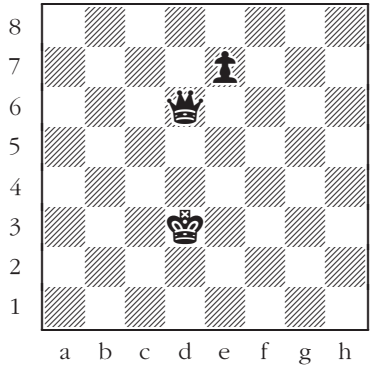

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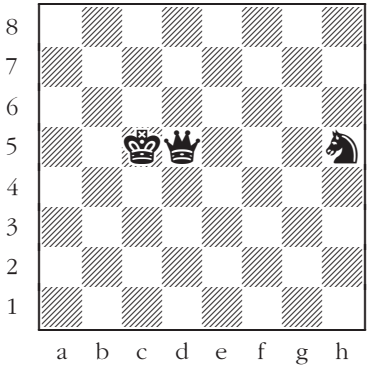

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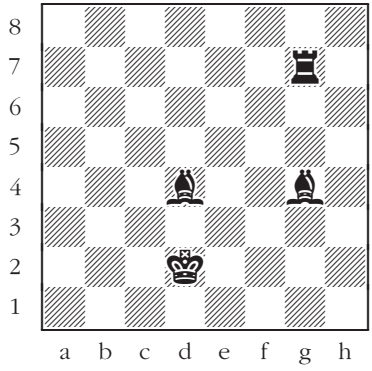
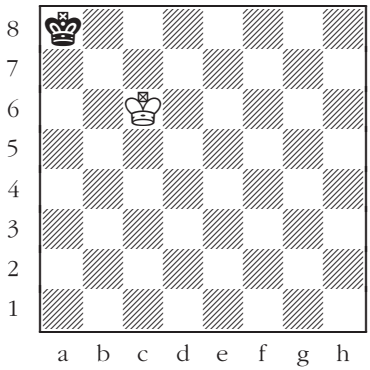
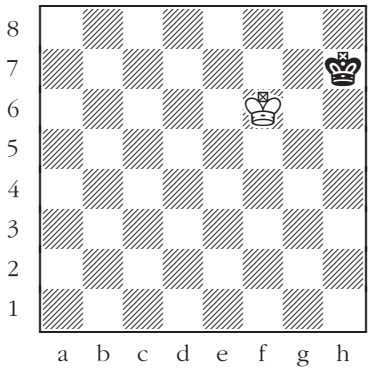


600

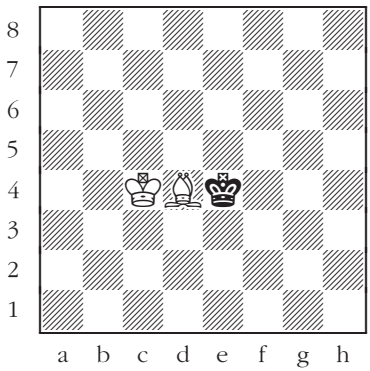
Stolen piece! White declared checkmate, but Black took the mating piece off the board.
Where was the white piece that gave checkmate?



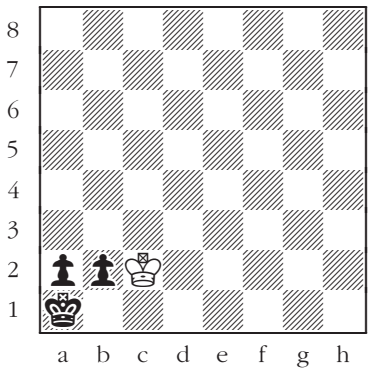
601



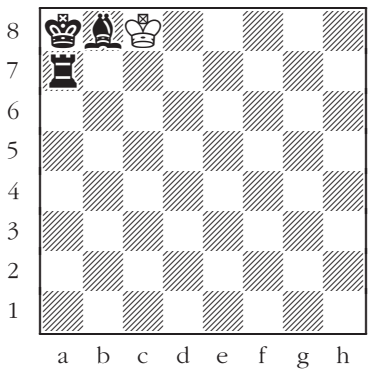
602



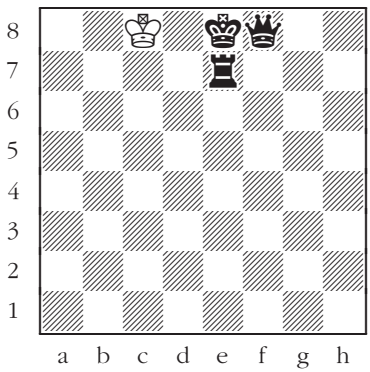
603



604

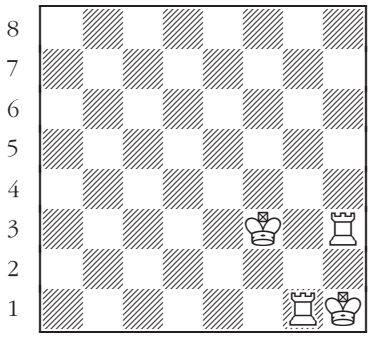


605

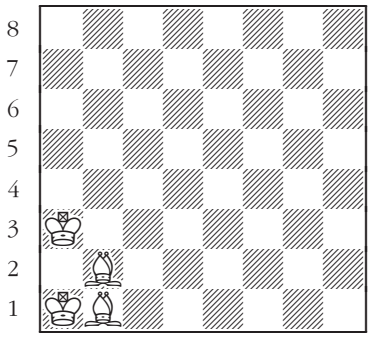


606

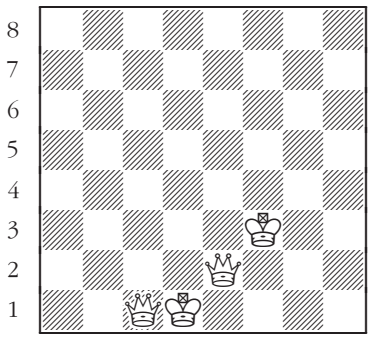
Fill in the color of the pieces: Black checkmated White, but the designer forgot to add color to the black pieces. Which pieces should be black?



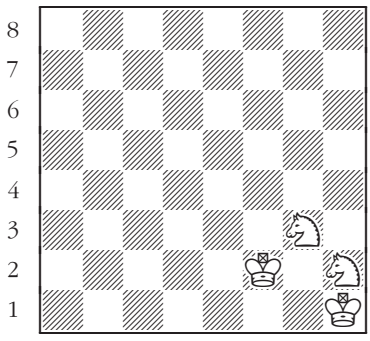
607



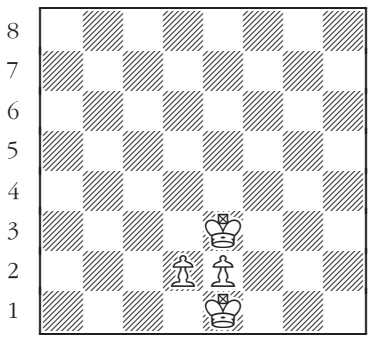
608



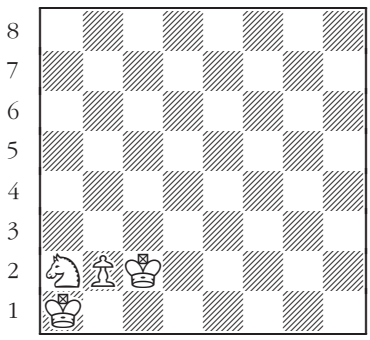
609



610

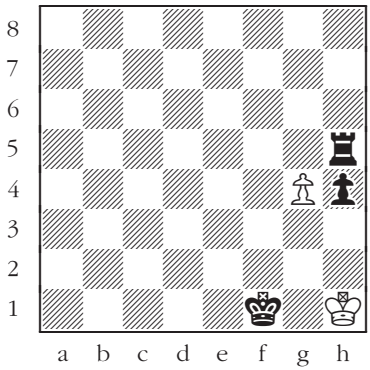


611

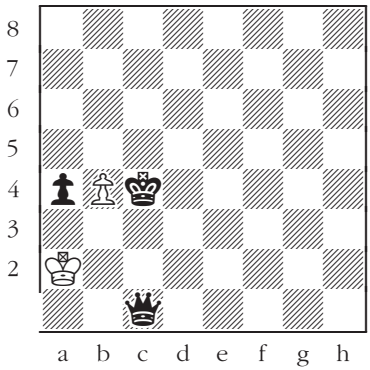


612

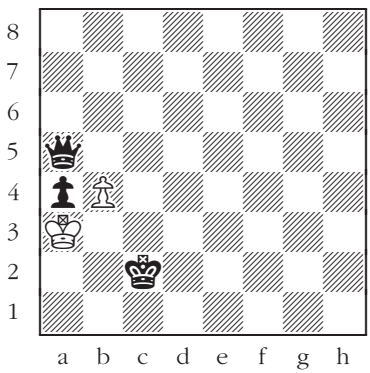
En passant: Black to move and checkmate White in one move. It looks impossible, but there is a solution. To solve the puzzle, figure out what was White's last move.



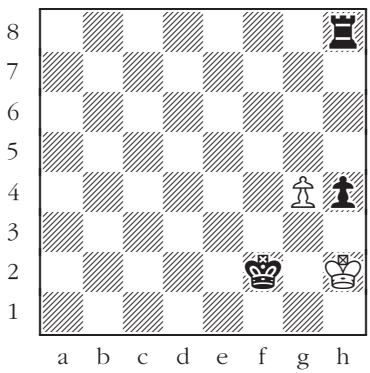
613



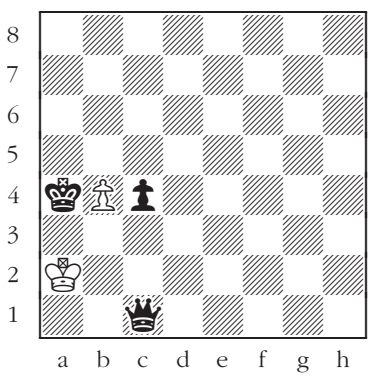
614



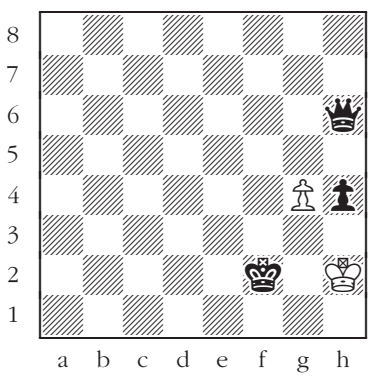
615



616



617



618

Solutions

1. 1. ♖a6#.
2. 1. ♖c8#.
3. 1. ♖h4#.
4. 1. ♖c8#.
5. 1. ♖b8#.
6. 1. ♖h8#.
7. 1...♕g2#.
8. 1...♕e1#.
9. 1...♕g2#.
10. 1...♕a1#.
11. 1...♕b2#.
12. 1...♕g3#.
13. 1. ♕h8#.
14. 1. ♕g7#.
15. 1. ♕a2#.
16. 1. ♕h4#.
17. 1. ♕a8#.
18. 1. ♕d7#.
19. 1...♕g1#.
20. 1...♕e2#.
21. 1...♕b2#.
22. 1...♕a5#.
23. 1...♕g3#.
24. 1...♕h5#.
25. 1. f8♕(♖)#.
26. 1. f8♕(♖)#.
27. 1. h8♕(♖)#.
28. 1. e8♕#.
29. 1. a8♕#.
30. 1. b8♕#.
31. 1. ♖b8#.
32. 1. ♖f8#.
33. 1. ♖h7#.
34. 1. ♖a8#.
35. 1. ♖h3#.
36. 1. ♖e1#.
37. 1...♖xf1#.
38. 1...♖c1#.
39. 1...♖h1#.
40. 1...♖e1#.
41. 1...♖a1#.
42. 1...♖xa1#.
43. 1. ♖xa1#.
44. 1. ♖h6#.
45. 1. ♖xh1#.
46. 1. ♖d8#.
47. 1. ♖h4#.
48. 1. ♖d8#.
49. 1. ♖g8#.
50. 1. ♖xa8#.
51. 1. ♖a6#.
52. 1. ♖f8#.
53. 1. ♖b8#.
54. 1. ♖h2#.
55. 1...♖c1#.
56. 1...♔f2#.
57. 1...♖h1#.
58. 1...♖a1#.
59. 1...♖a8#.
60. 1...♖h8#.
61. 1. ♗c6#.
62. 1. ♗g7#.
63. 1. ♗d5#.
64. 1. ♗d4#.
65. 1. ♔c7#.
66. 1. ♔g6#.
67. 1. ♗g7#.
68. 1. ♗b7#.
69. 1. ♗b2#.
70. 1. ♗g2#.
71. 1. ♗b7#.
72. 1. ♗b2#.
73. 1. ♗g2#.
74. 1. ♗b2#.
75. 1. ♔c7#.
76. 1. ♗c3#.
77. 1. ♗d5#.
78. 1. ♔f2#.
79. 1. ♕a6#.
80. 1. ♕h6#.
81. 1. ♕a8#.
82. 1. ♕e1#.
83. 1. ♕g8#.
84. 1. ♕g5#.
85. 1...♕a3#.
86. 1...♕h8#.
87. 1...♕c2#.
88. 1...♕h1#.
89. 1...♕a4#.
90. 1...♕b2#.
91. 1. ♕b8#.
92. 1. ♕c3#.
93. 1. ♔c2#.
94. 1. ♕g8#.
95. 1. ♕g3#.
96. 1. ♕d7#.
97. 1. ♕b8#.
98. 1. ♕e8#.
99. 1. ♕a3#.
100. 1. ♕g4#.
101. 1. ♕a3#.
102. 1. ♕c2#.
103. 1...♕xh1#.
104. 1...♕h6#.
105. 1...♕xe1#.
106. 1...♕h5#.
107. 1...♕f7#.
108. 1...♕f8#.
109. 1. ♕b7#.
110. 1. ♕g8#.
111. 1. ♕xg5#.
112. 1. ♕b2#.
113. 1. ♕e7#.
114. 1. ♕e2#.
115. 1. ♕c8#.
116. 1. ♕f8#.
117. 1. ♕c1#.
118. 1. ♕a8#.
119. 1. ♔f2#.
120. 1. ♕c3#.
121. 1...♕f8#.
122. 1...♕c1#.
123. 1...♕a8#.
124. 1...♕f4#.
125. 1...♕b4#.
126. 1...♕a4#.
127. 1. ♘c7#.
128. 1. ♘g6#.
129. 1. ♘b3#.
130. 1. ♘f2#.
131. 1. ♘b6#.
132. 1. ♘f7#.
133. 1. ♘c2#.
134. 1. ♘g3#.
135. 1. ♘c7#.
136. 1. ♘g6#.
137. 1. ♘c2#.
138. 1. ♘f2#.
139. 1...♘g6#.
140. 1...♘c7#.
141. 1...♘c2#.
142. 1...♘f2#.
143. 1...♘g6#.
144. 1...♘c7#.
145. 1. f8♕#.
146. 1. h8♕#.
147. 1. b8♕#.
148. 1. b8♕#.
149. 1. h8♕#.
150. 1. gxh8♕#.
151. 1. b7#.
152. 1. g7#.
153. 1. h8♕(♗)#.
154. 1. a8♕(♗)#.
155. 1. cxb8♕#.
156. 1. g8♕#.
157. 1...h1♕#.
158. 1...axb1♕#.
159. 1...f1♕#.
160. 1...g1♕#.

161. 1...bxc1♕#.
162. 1...h1♕#.
163. 1. b7#.
164. 1. fxg8♕#.
165. 1. d8♕(♖)#.
166. 1. b8♕#.
167. 1. fxe8♕#.
168. 1. a8♕#.
169. 1. c8♕#.
170. 1. g7#.
171. 1. h8♕(♗)#.
172. 1. b8♕#.
173. 1. a8♕(♖)#.
174. 1. g8♕#.
175. 1. ♖a1#.
176. 1. ♖d8#.
177. 1. ♖h8#.
178. 1. ♖h2#.
179. 1. ♔a7#.
180. 1. 0-0#.
181. 1...♔g3#.
182. 1...0-0-0#.
183. 1...♖h1#.
184. 1...♖3b2#.
185. 1...♖8e3#.
186. 1...♖g5#.
187. 1. ♗b7#.
188. 1. ♗b2#.
189. 1. ♗a5#.
190. 1. ♗e1#.
191. 1. ♗b3#.
192. 1. ♗c8#.
193. 1. ♕a6#.
194. 1. ♕ga8#.
195. 1. ♕e7#.
196. 1. ♕a3#.
197. 1. ♕ad3#.
198. 1. ♕cf5#.
199. 1. ♘c2#.
200. 1. ♘hg3#.
201. 1. ♘db6#.
202. 1. ♘f7#.
203. 1. ♘d3#.
204. 1. ♘d6#.
205. 1. c8♕#.
206. 1. f7#.
207. 1. b7#.
208. 1. h8♕#.
209. 1. b8♕#.
210. 1. d8♕#.
211. 1...d2#.
212. 1...g1♕#.
213. 1...d1♕#.
214. 1...a1♕#.
215. 1...g1♕#.
216. 1...a1♕#.
217. 1. ♖b8#.
218. 1. ♗d4#.
219. 1. ♔f7#.
220. 1. ♖h8#.
221. 1. ♗e6#.
222. 1. ♗f5#.
223. 1. ♕b7#.
224. 1. ♕g6#.
225. 1. ♖c8#.
226. 1. ♕h8#.
227. 1. 0-0-0#.
228. 1. ♕d4#.
229. 1...♖h1#.
230. 1...♔c2#.
231. 1...0-0#.
232. 1...♕e6#.
233. 1...♕b4#.
234. 1...♖d5#.
235. 1. ♖h7#.
236. 1. ♘c7#.
237. 1. ♔f7#.
238. 1. ♖c8#.
239. 1. ♘f4#.
240. 1. ♖b4#.
241. 1. g8♕#.
242. 1. c8♕(♖)#.
243. 1. h8♕(♗)#.
244. 1. ♔b6#.
245. 1. ♖b8#.
246. 1. d8♕#.
247. 1. ♕a6#.
248. 1. ♕h7#.
249. 1. ♗e8#.
250. 1. ♕c3#.
251. 1. ♕e4#.
252. 1. ♕e3#.
253. 1. ♗e4#.
254. 1. ♘f7#.
255. 1. ♗b2#.
256. 1. ♘g3#.
257. 1. ♘f6#.
258. 1. ♗e8#.
259. 1...c1♕#.
260. 1...♔f2#.
261. 1...g5#.
262. 1...♗h5#.
263. 1...d1♕#.
264. 1...e1♕#.
265. 1. ♕h7#.
266. 1. ♘f6#.
267. 1. ♘d7#.
268. 1. ♕d7#.
269. 1. ♕e4#.
270. 1. ♕e4#.
271. 1. c8♕#.
272. 1. ♕e7#.
273. 1. d8♕#.
274. 1. f8♕#.
275. 1. ♕d5#.
276. 1. ♕c5#.
277. 1. c8♕#.
278. 1. g7#.
279. 1. ♘c7#.
280. 1. ♘c7#.
281. 1. h8♕#.
282. 1. d8♕#.
283. 1...♖xh7#.
284. 1...♖xa1#.
285. 1...♖d1#.
286. 1...♖d2#.
287. 1...♖e1#.
288. 1...♖xa8#.
289. 1. ♖f8#.
290. 1. ♖d7#.
291. 1. ♖g8#.
292. 1. ♖a4#.
293. 1. ♔e7#.
294. 1. ♖f8#.
295. 1. ♖a1#.
296. 1. ♖b8#.
297. 1. ♖xh3#.
298. 1. ♖a8#.
299. 1. ♖h3#.
300. 1. ♖h8#.
301. 1. ♖f8#.
302. 1. ♖a6#.
303. 1. ♖d7#.
304. 1. ♖f5#.
305. 1. ♖g3#.
306. 1. ♖a1#.
307. 1...♖xa3#.
308. 1...♖c1#.
309. 1...♖xh3#.
310. 1...♖a8#.
311. 1...♖xg1#.
312. 1...♖e1#.
313. 1. ♖d8#.
314. 1. ♖xg8#.
315. 1. ♖d8#.
316. 1. ♔e7#.
317. 1. ♖h2#.
318. 1. ♖a4#.
319. 1. ♖g8#.
320. 1. ♖xa8#.
321. 1. ♖h1#.
322. 1. ♖b1#.
323. 1. ♖e1#.
324. 1. ♖b4#.
325. 1. ♗xg2#.
326. 1. ♔c7#.
327. 1. ♗xg7#.
328. 1. ♗b7#.

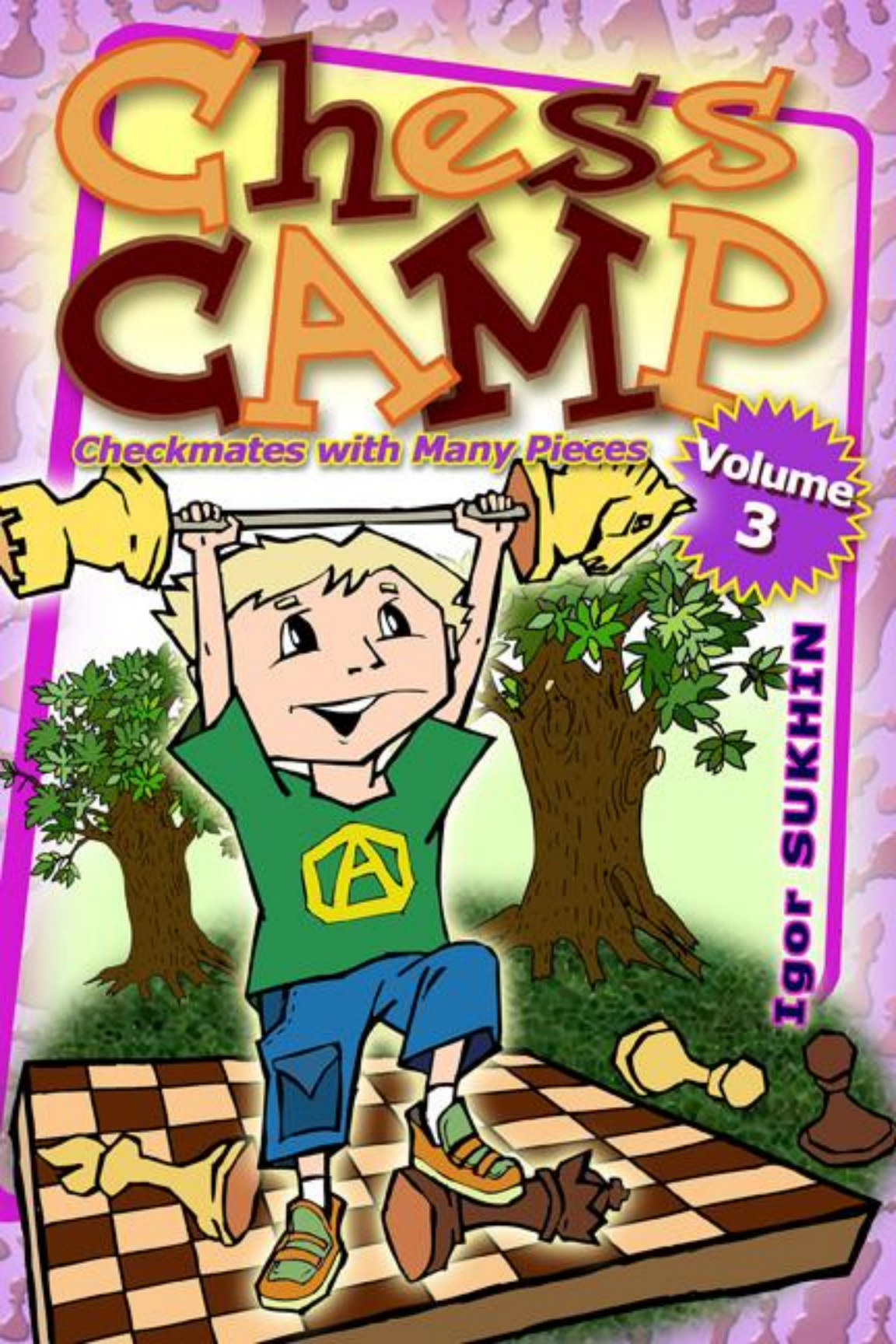
329. 1. ♗e1#.
330. 1. ♗f8#.
331. 1. ♗xb7#.
332. 1. ♗h5#.
333. 1. ♗b2#.
334. 1. ♗g2#.
335. 1. ♗d8#.
336. 1. ♗c1#.
337. 1...♗c3#.
338. 1...♗h4#.
339. 1...♗xg2#.
340. 1...♔xb3#.
341. 1...♗e4#.
342. 1...♗e1#.
343. 1. ♗b2#.
344. 1. ♗xg2#.
345. 1. ♗f7#.
346. 1. ♗c1#.
347. 1. ♗xb2#.
348. 1.♔f2#.
349. 1. ♕f3#.
350. 1. ♕g5#.
351. 1. ♕xh5#.
352. 1. ♕f7#.
353. 1. ♕xd2#.
354. 1. ♕h7#.
355. 1...♕d8#.
356. 1...♕h8#.
357. 1...♕d5#.
358. 1...♕d3#.
359. 1...♕d5#.
360. 1...♕g7#.
361. 1. ♕a6#.
362. 1. ♕f8#.
363. 1. ♕c7#.
364. 1. ♕b5#.
365. 1. ♕d6#.
366. 1. ♕e4#.
367. 1. ♕g7#.
368. 1. ♕c6#.
369. 1. ♕h8#.
370. 1. ♕e4#.
371. 1. ♕xb4#.
372. 1. ♕c8#.
373. 1. ♕c8#.
374. 1. ♕g8#.
375. 1. ♕h2#.
376. 1. ♕d4#.
377. 1. ♕h7#.
378. 1. ♕xd2#.
379. 1. ♘g3#.
380. 1. ♘d7#.
381. 1. ♘c2#.
382. 1. ♘g3#.
383. 1. ♘f6#.
384. 1. ♘f5#.
385. 1...♘c5#.
386. 1...♘f3#.
387. 1...♘g3#.
388. 1...♘f3#.
389. 1...♘c2#.
390. 1...♘d3#.
391. 1. ♘d6#.
392. 1. ♘f5#.
393. 1. ♘b4#.
394. 1. ♘f3#.
395. 1. ♘c2#.
396. 1. ♘g3#.
397. 1. ♘c7#.
398. 1. ♘f4#.
399. 1. ♘b3#.
400. 1. ♘c7#.
401. 1. ♘d6#.
402. 1. ♘f5#.
403. 1. ♘c7#.
404. 1. ♘g8#.
405. 1. ♘c4#.
406. 1. ♘g7#.
407. 1. ♘c2#.
408. 1. ♘f5#.
409. 1. dxc8♕#.
410. 1. c8♕#.
411. 1. fxg7#.
412. 1. b7#.
413. 1. g7#.
414. 1. fxg8♕#.
415. 1...c1♕#.
416. 1...b5#.
417. 1...fxg2#.
418. 1...a1♕#.
419. 1...g1♕#.
420. 1...e1♕#.
421. 1. exf8♕#.
422. 1. a8♕(♖)#.
423. 1. axb7#.
424. 1. g5#.
425. 1. axb8♕#.
426. 1. f8♕#.
427. 1. f8♕(♖)#.
428. 1. hxg7#.
429. 1. b7#.
430. 1. g4#.
431. 1. g8♕#.
432. 1. cxd8♕#.
433. 1. exf8♕#.
434. 1. a8♕#.
435. 1. c8♕#.
436. 1. b5#.
437. 1. dxc8♕#.
438. 1. g7#.
439. 1. ♖a3#.
440. 1. ♖a5#.
441. 1. ♖h4#.
442. 1. ♖d8#.
443. 1. ♖h8#.
444. 1. ♖a5#.
445. 1...♖e2#.
446. 1...♖c4#.
447. 1...♖f1#.
448. 1...♔c5#.
449. 1...♗xb2#.
450. 1...♗h4#.
451. 1. ♔g4#.
452. 1. ♔f5#.
453. 1. ♗d8#.
454. 1. ♗b4#.
455. 1. ♗h4#.
456. 1. ♗xb6#.
457. 1. ♗g2#.
458. 1. ♗e5#.
459. 1. ♘f6#.
460. 1. ♘c3#.
461. 1. ♘c6#.
462. 1. ♘e6#.
463. 1. ♘ef7#.
464. 1. ♘b6#.
465. 1. ♘de6#.
466. 1. ♘f5#.
467. 1. ♘df4#.
468. 1. ♘hg2#.
469. 1. b8♘#.
470. 1. e8♕#.
471. 1. f8♕#.
472. 1. e8♕#.
473. 1. d8♕#.
474. 1. d8♕#.
475. 1...cxb2#.
476. 1...fxg2#.
477. 1...b1♘#.
478. 1...e1♕#.
479. 1...f1♕#.
480. 1...d1♕#.
481. 1. ♖a7#.
482. 1. ♗c3#.
483. 1. ♕a5#.
484. 1. ♕d5#.
485. 1. ♖h5#.
486. 1. ♘g4#.
487. 1. ♖g8#.
488. 1. c8♘#.
489. 1. ♗b2#.
490. 1. ♔g4#.
491. 1. ♕d4#.
492. 1. ♕d5#.
493. 1. ♘c5#.
494. 1. ♘e5#.
495. 1. b4#.
496. 1. ♗e4#.

497. 1. ♘f4#.
498. 1. ♖d6#.
499. 1. ♗c3#.
500. 1. ♗b7#.
501. 1. ♕c5#.
502. 1. ♕e4#.
503. 1. ♘c4#.
504. 1. g8♘#.
505. 1...g1♘#.
506. 1...c1♕#.
507. 1...b1♕#.
508. 1...e1♕#.
509. 1...♖d2#.
510. 1...e5#.
511. 1. c7#.
512. 1. ♗d4#.
513. 1. g8♘#.
514. 1. ♕d6#.
515. 1. g4#.
516. 1. e8♕#.
517. 1. ♖e6#.
518. 1. ♕d4#.
519. 1. ♖e5#.
520. 1. ♖d4#.
521. 1. ♖a7#.
522. 1. f8♘#.
523. 1. ♕f4#.
524. 1. ♕e4#.
525. 1. g8♘#.
526. 1. ♕d4#.
527. 1. ♖f4#.
528. 1. g4#.
529. 1...♕a1#.
530. 1...♕f2#.
531. 1...♘e1#.
532. 1...♕e5#.
533. 1...♕d3#.
534. 1...f4#.
535. 1. g4#.
536. 1. c4#.
537. 1. ♕d5#.
538. 1. ♕e6#.
539. 1. ♕c4#.
540. 1. ♕d4#.
541. 1. ♕c4#.
542. 1. e4#.
543. 1. b8♘#.
544. 1. d8♕#.
545. 1. ♕e3#.
546. 1. ♕e3#.
547. 1. g8♘#.
548. 1. fxe8♕#.
549. 1. ♕d7#.
550. 1. ♕e5#.
551. 1. c8♘#.
552. 1. d4#.
553. 1. ♖b8#.
554. 1. ♖a2#.
555. 1. ♖d6#.
556. 1. ♗f2#.
557. 1. ♖a3#.
558. 1. ♖d5#.
559. 1...♖e5#.
560. 1...♖b1#.
561. 1...♖d4#.
562. 1...♘b4#.
563. 1...♘e1#.
564. 1...♖e5#.
565. 1. ♕b5#.
566. 1. ♘b4#.
567. 1. ♗f2#.
568. 1. ♖e4#.
569. 1. ♕e4#.
570. 1. 0-0-0#.
571. 1. ♖f5#.
572. 1. ♕c3#.
573. 1. ♕c5#.
574. 1. 0-0#.
575. 1. ♖b3#.
576. 1. ♖c5#.
577. 1...♕c5#.
578. 1...♕d5#.
579. 1...♗b2#.
580. 1...♘h3#.
581. 1...♘c3#.
582. 1...♗h5#.
583. 1. ♗e8#.
584. 1. ♘f2#.
585. 1. ♖b4#.
586. 1. ♘e3#.
587. 1. ♘f7#.
588. 1. ♘g3#.
589. 1. ♕d7#.
590. 1. ♕c3#.
591. 1. ♕e5#.
592. 1. ♕f4#.
593. 1. ♕xf4#.
594. 1. ♘f6#.
595. ♔d1.
596. ♔c8.
597. ♔e1.
598. ♔d5.
599. ♔e5.
600. ♔f6.
601. ♕b7.
602. ♕g7.
603. ♕g4.
604. ♘b3.
605. ♘b6.
606. ♘d6.
607. ♔f3, ♖h3.
608. ♔a3, ♗b2.
609. ♔f3,♕e2.
610. ♔f2,♘g3.
611. ♔e3, ♙d2, ♙e2.
612. ♔c2, ♙b2.
613. 1...hxg3# (the last move by White was g2-g4, and Black can capture *en passant)*.
614. 1...axb3#.
615. 1...axb3#.
616. 1...hxg3#.
617. 1...cxb3#.
618. 1...hxg3#.

Chess CAMP

Checkmates with Many Pieces

Volume 3



Igor SUKHIN

Igor Sukhin

Chess Camp

Volume 3: Checkmates with Many Pieces

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Note for Coaches, Parents, Teachers, and Trainers

By solving the problems in the first volume of this series, students reinforced their basic knowledge of the rules of the game and got a feel for the relative strengths of the pieces. By solving the problems in the second collection, students acquired their first skills at checkmating the king, and learned to quickly give mate in one in simple positional setups.

With the problems in the third collection, we aim to: 1) help students to see patterns in multi-piece positions in the opening and the middlegame; 2) teach students to use important tactical tools such as pins, discovered checks, and double checks to deliver mate; 3) familiarize them with the typical mating scenarios that arise no later than the 16th move of the game in various chess openings – primarily in those that beginners play at first (mainly the open and half-open games); 4) teach them to develop a feel for the smallest changes in the position of the pieces (to this end, we offer pairs of middlegame and endgame situations in which a slight difference in the initial position leads to different mechanisms for achieving mate); and 5) provide practice in giving mate in six- and seven-piece pawn, minor-piece and major-piece endings.

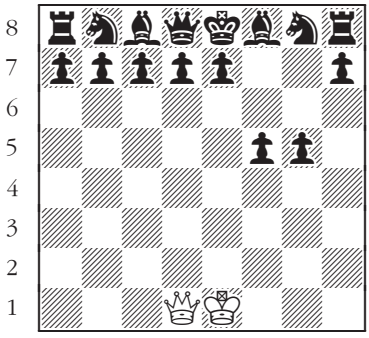
Mate-in-one problems are still an underestimated theme in the training of novice chessplayers. The inability to quickly find an opportunity to give mate in one in any position has a negative effect on a player's development. The majority of modern games end with both players short on time (in time trouble), and in those conditions the one whose skill at giving mate in one has become automatic enjoys a serious advantage. But not knowing just one of the typical mating setups, or being unable to see it in a complicated piece arrangement, often leads to defeat even for the experienced player.

Mate in One in the Opening

Approaching the Opening

Two Pieces Against a Whole Army

White to move: Black has all of his troops on the board, and aside from the king, White has just one piece. But this piece turns out to be stronger than the whole enemy army.



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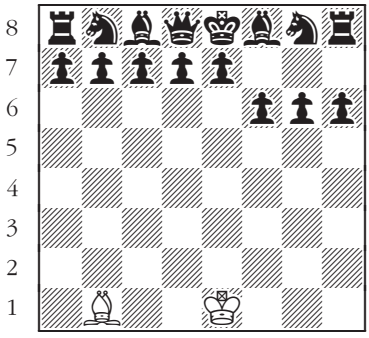

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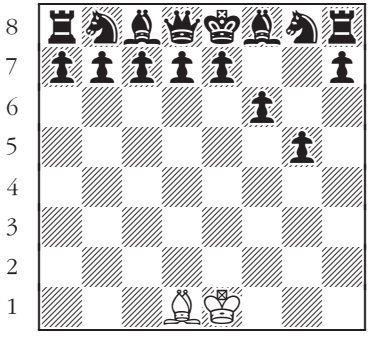

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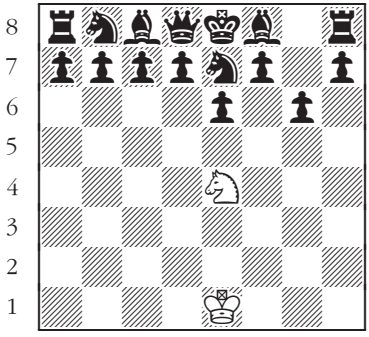

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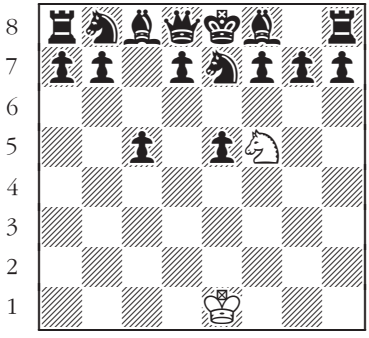

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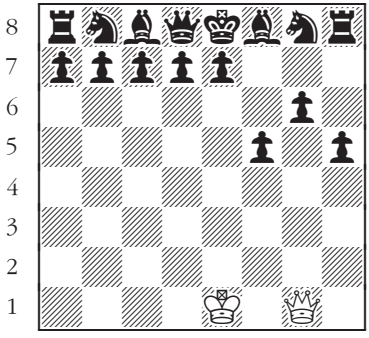
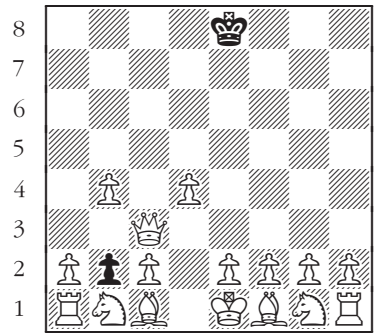


6

Two Pieces Against a Whole Army

Black to move.



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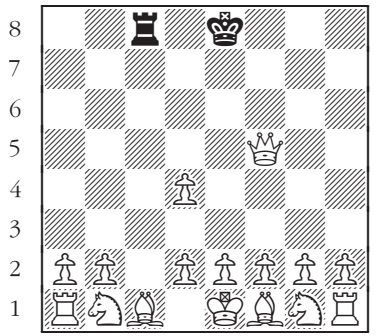

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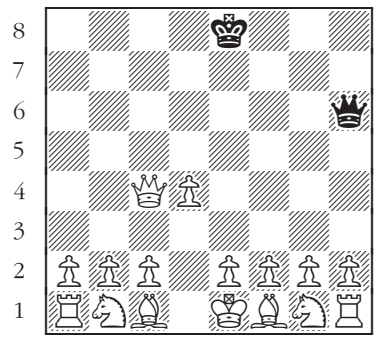

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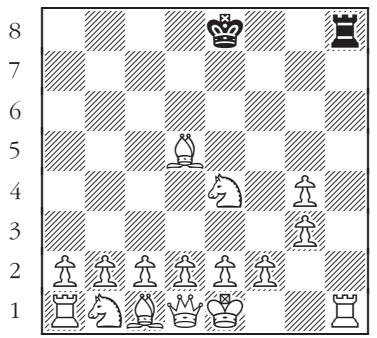

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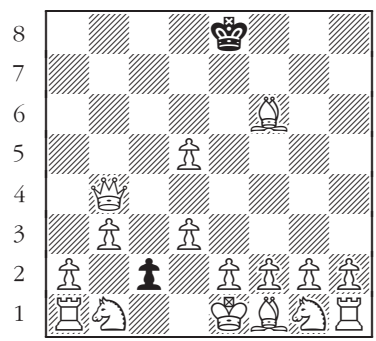

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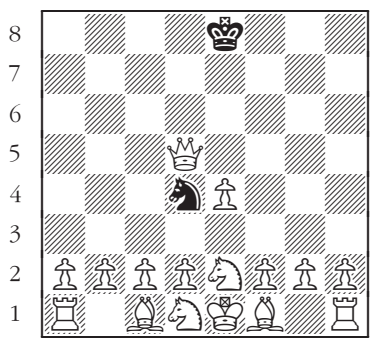
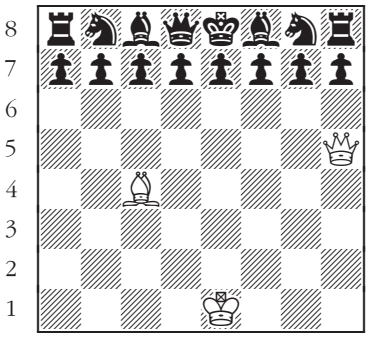


12

Three Pieces Against a Whole Army

White to move: Besides the king, White only has two pieces, and Black has his whole army frozen in its starting position. White mates him, and there are two ways to do it in each position.



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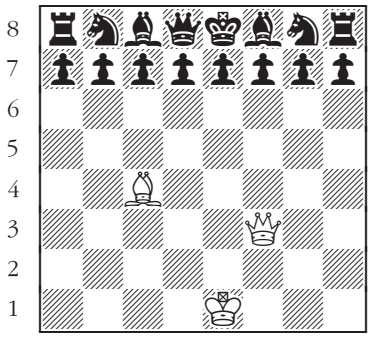

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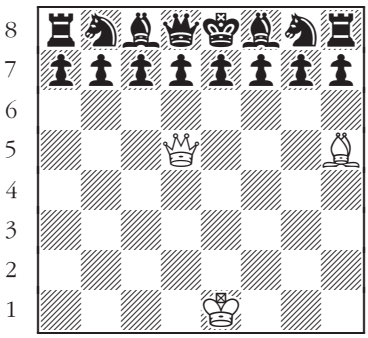

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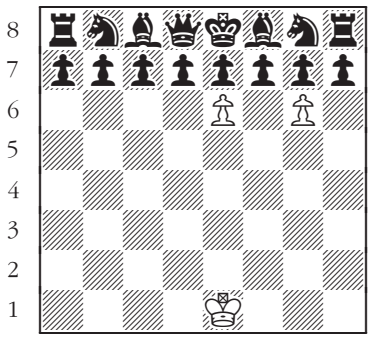

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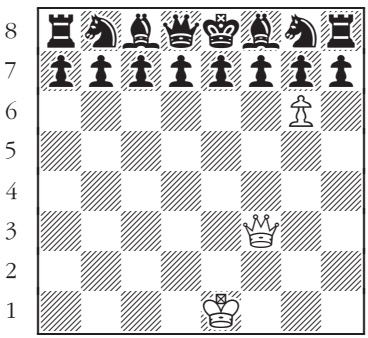

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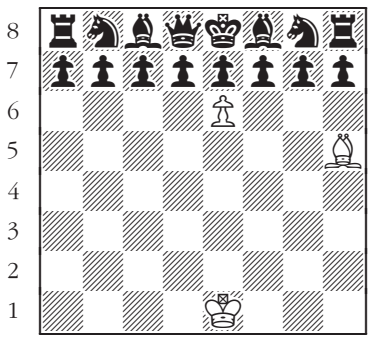
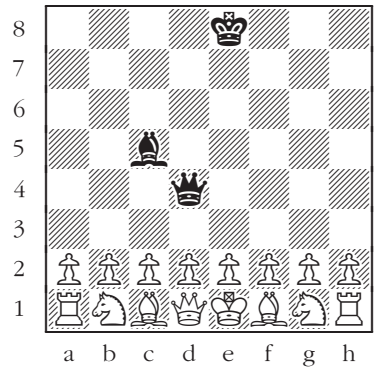


18

Three Pieces Against a Whole Army

Black to move.



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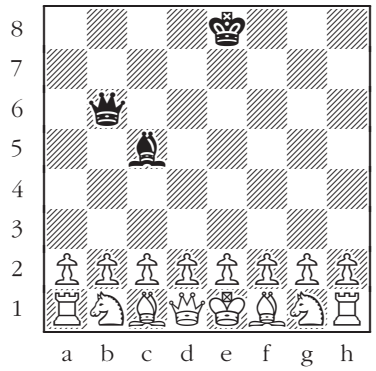

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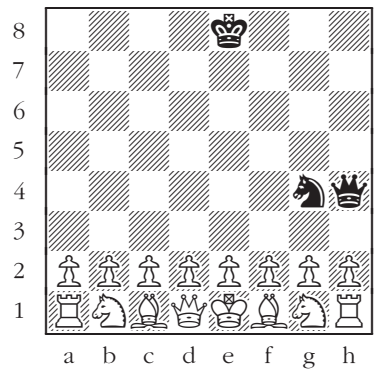

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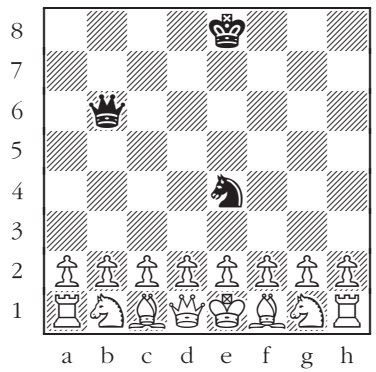

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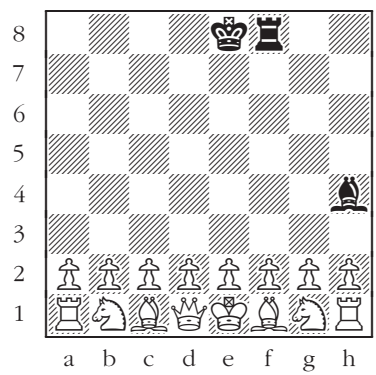

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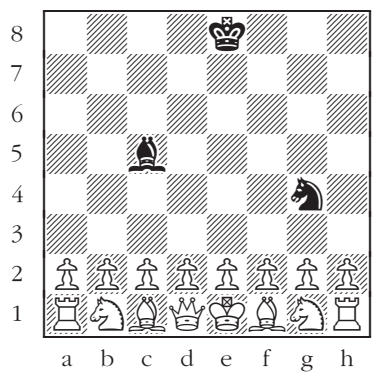
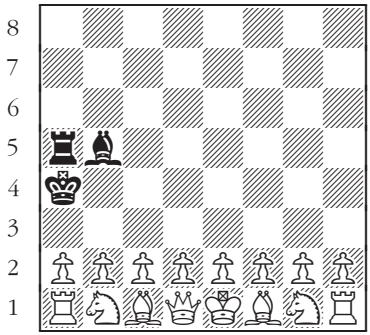


24

Strength in Numbers

White to move: All of White's pieces are still on their starting squares.
How to win in one move?



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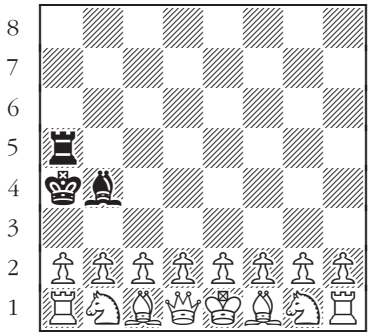

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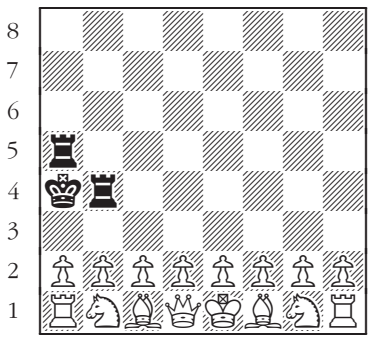

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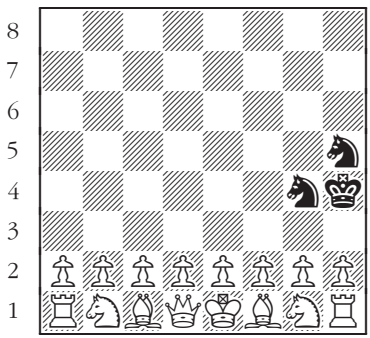

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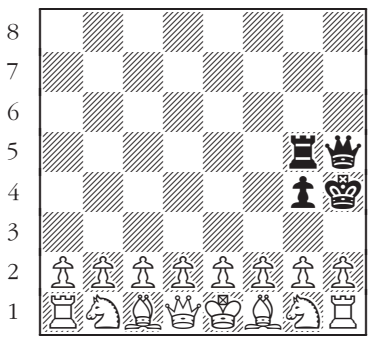

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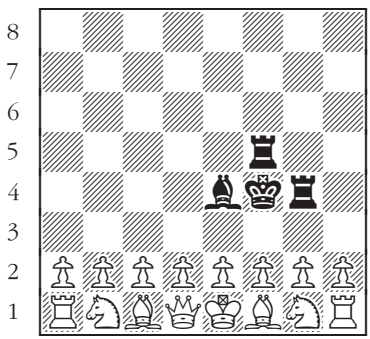
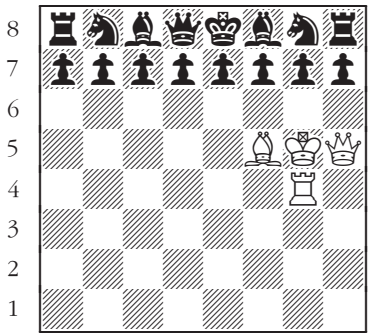


30

Strength in Numbers

Black to move.



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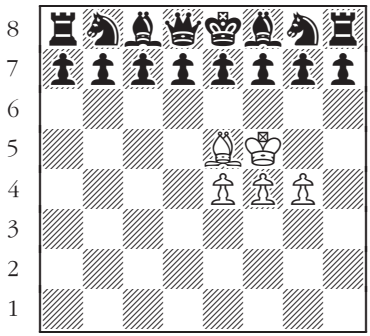

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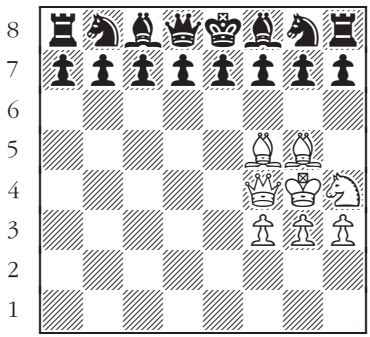

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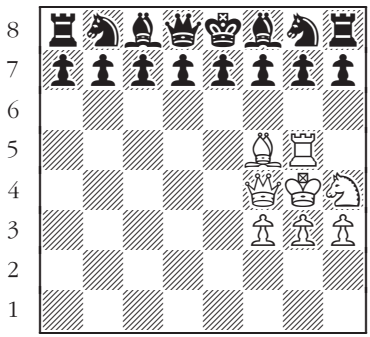

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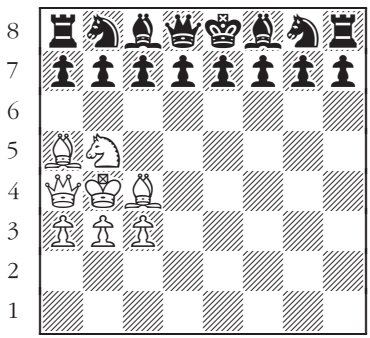

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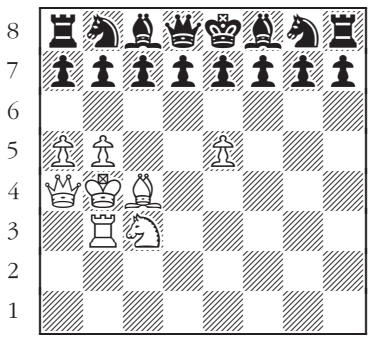
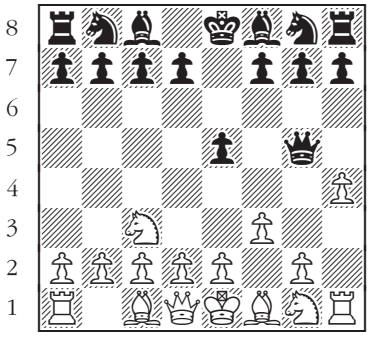


36

Silly Games

Catastrophe on Move 3

Black to move.



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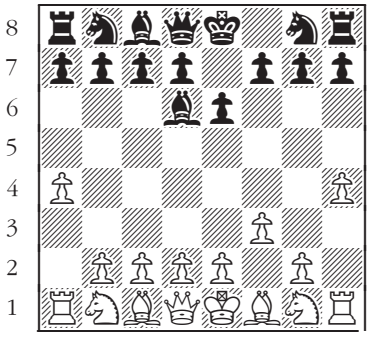

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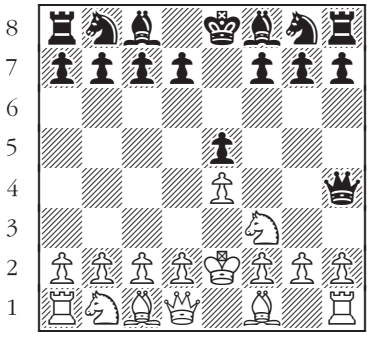

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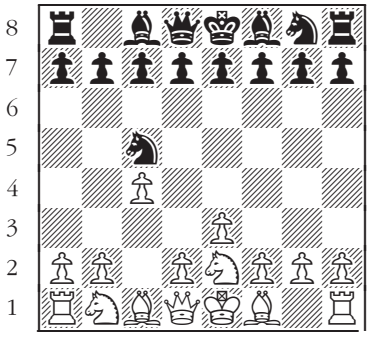

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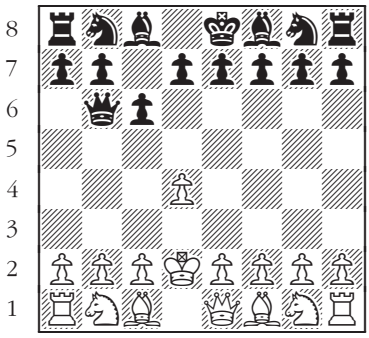

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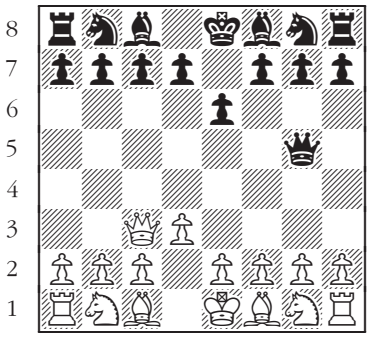
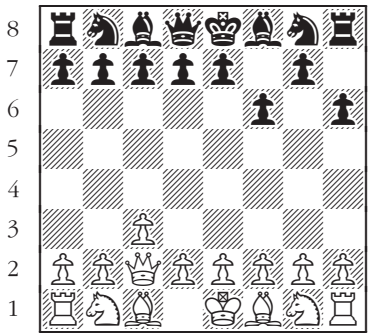


42

Catastrophe on Move 3

White to move.



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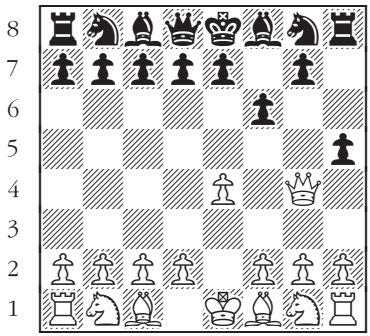

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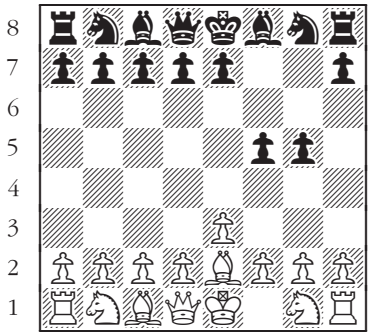

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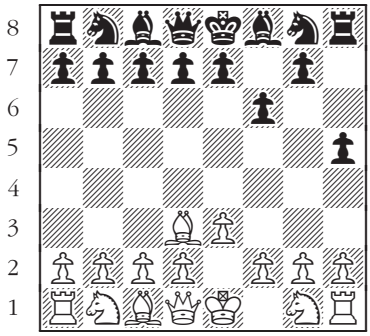

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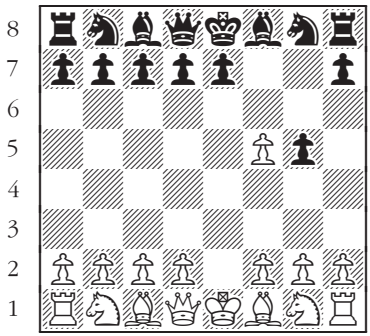

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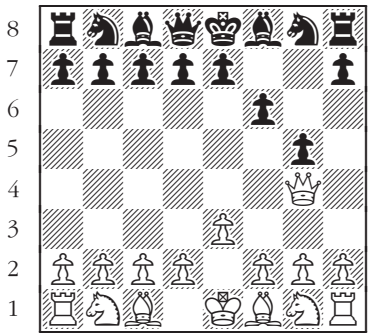
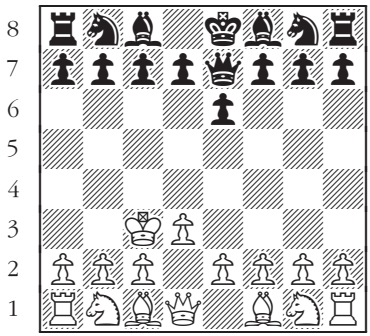


48

Catastrophe on Move 3

Black to move: For some reason, White's king has come out to the third rank. Punish him!



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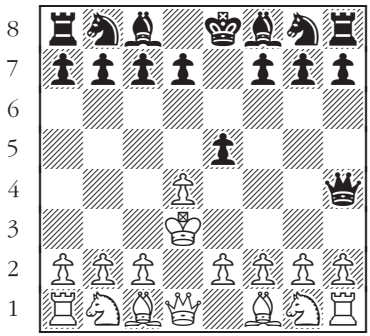

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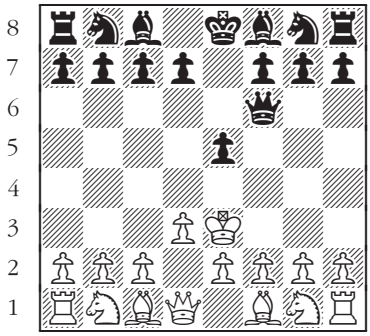

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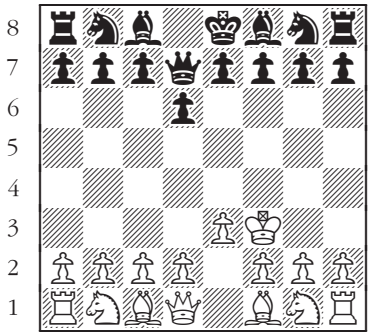

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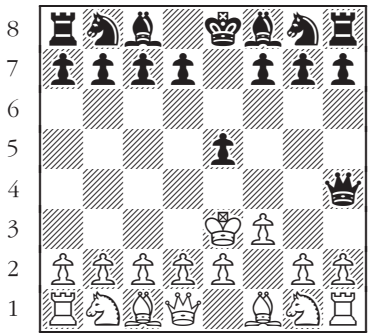

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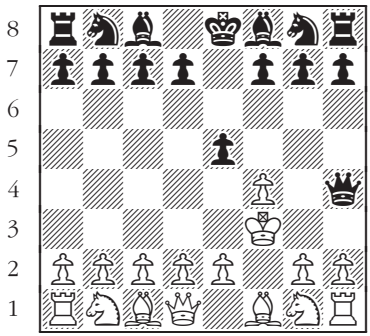
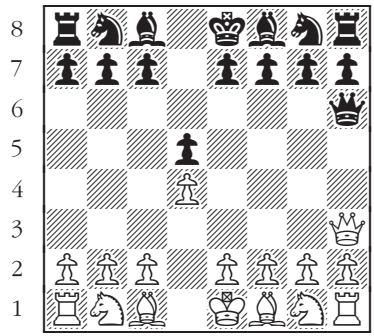


54

Copycats

White to move: Black wants to draw the game by copying White's moves. Punish him!



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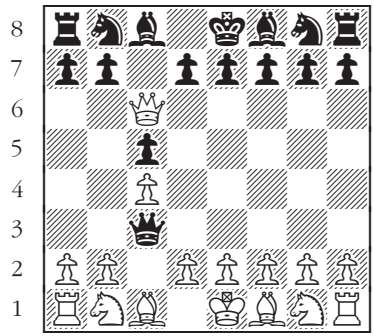

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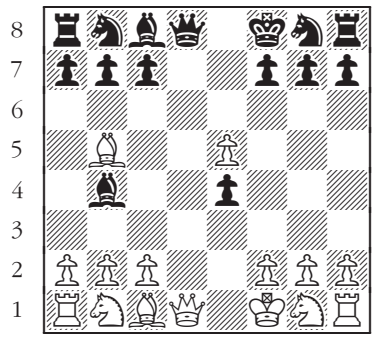

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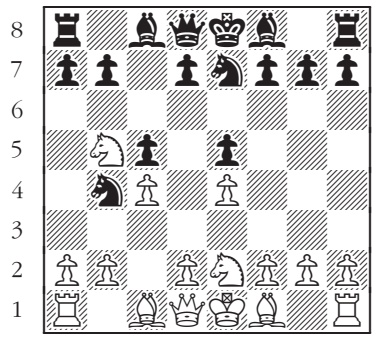

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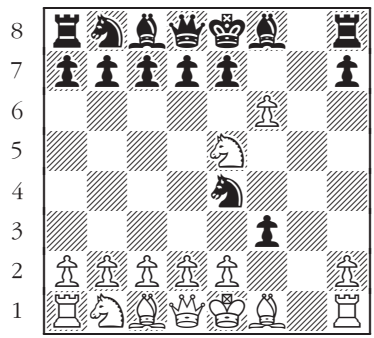

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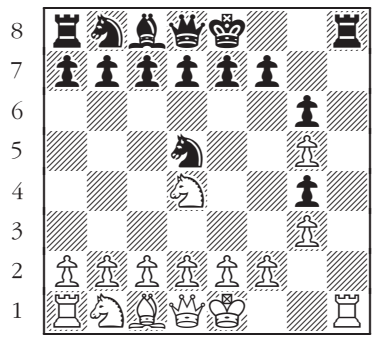
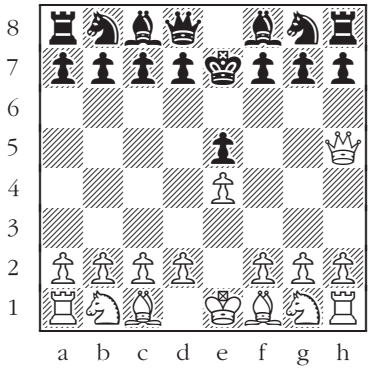


60

Open Games

The Opening Variation 1. e4 e5 2. ♕h5

White to move.



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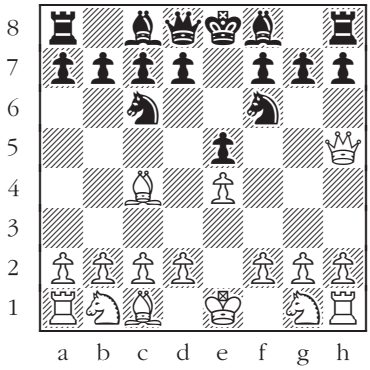

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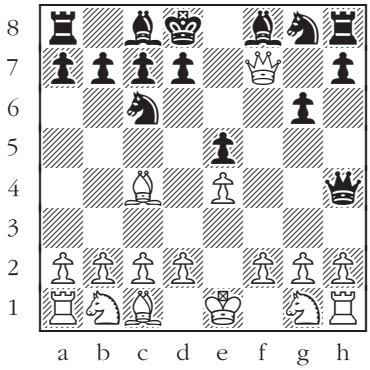

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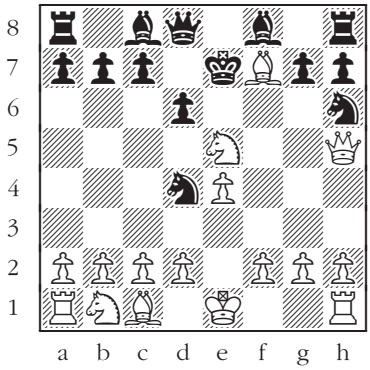

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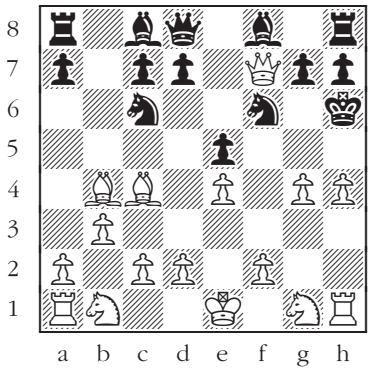

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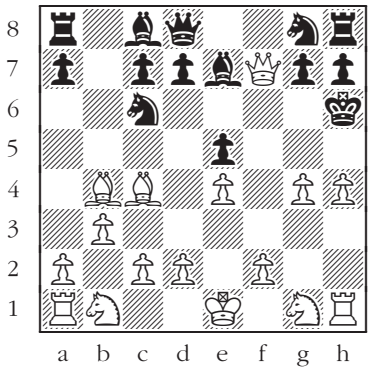

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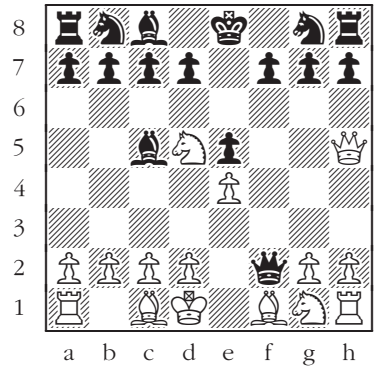
The Opening Variation

1. e4 e5 2. ♕h5

Black to move.



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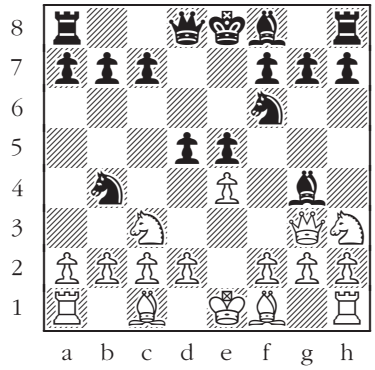

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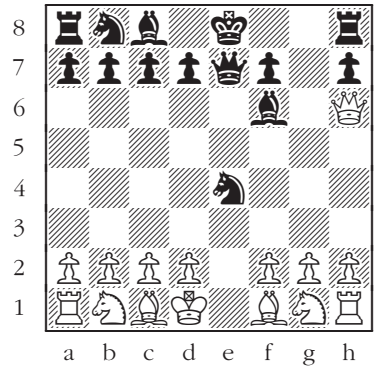

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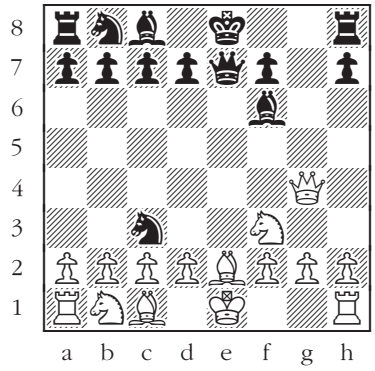

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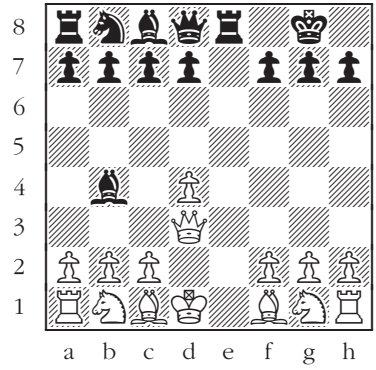

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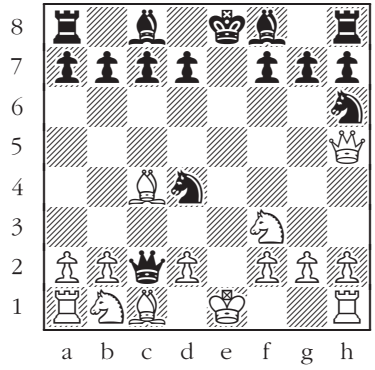
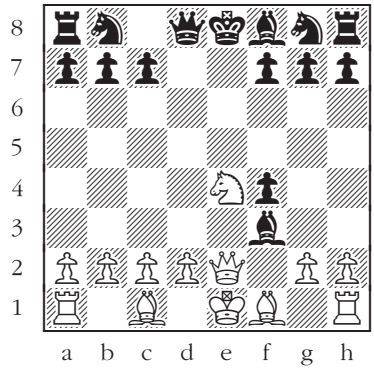


72

King's Gambit

1. e4 e5 2. f4

White to move.



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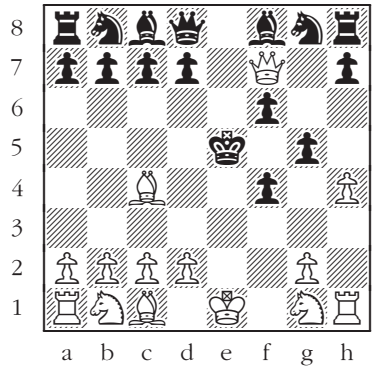

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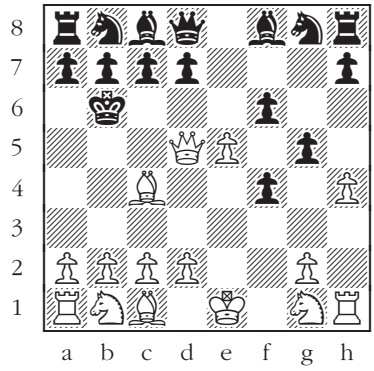

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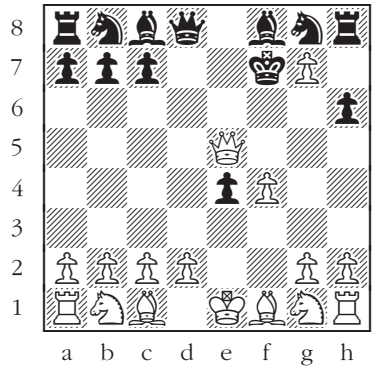

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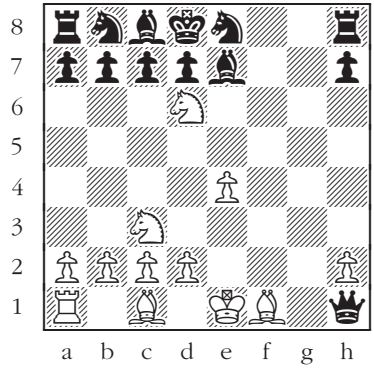

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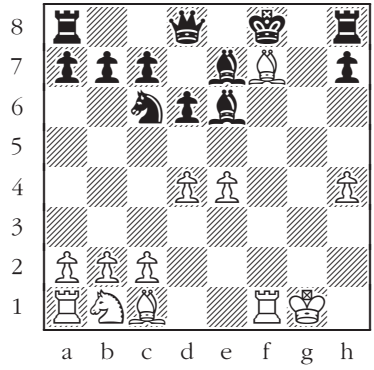

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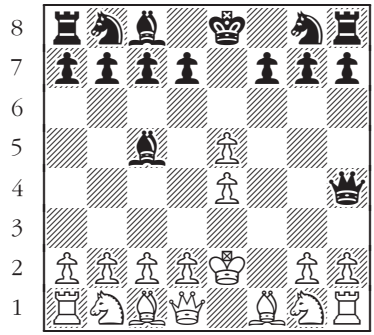
King's Gambit

1. e4 e5 2. f4

Black to move.



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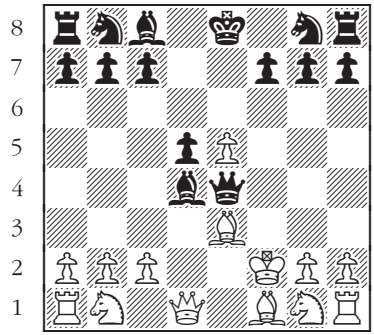

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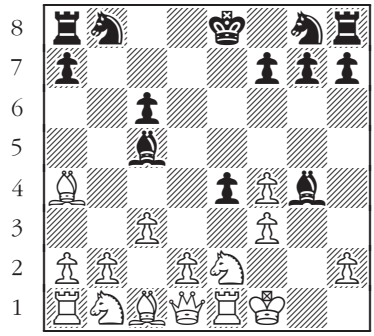

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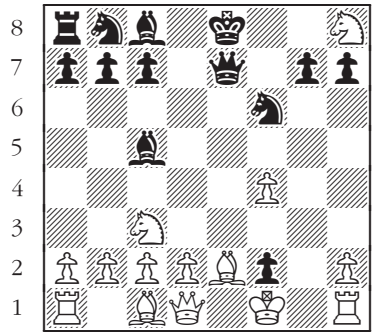

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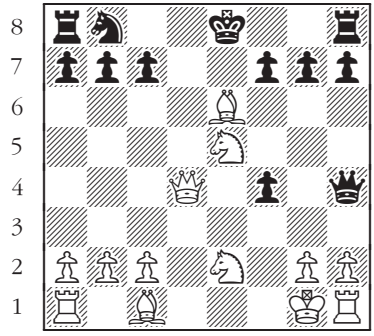

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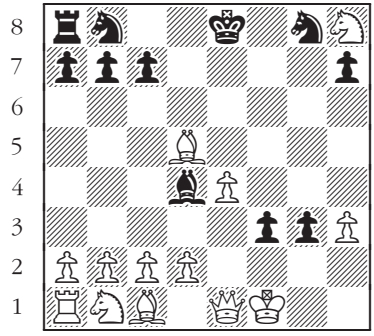
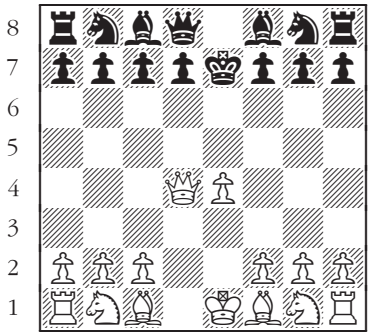


84

Center Game

1. e4 e5 2. d4

White to move.



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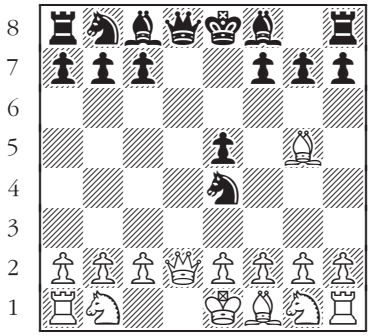

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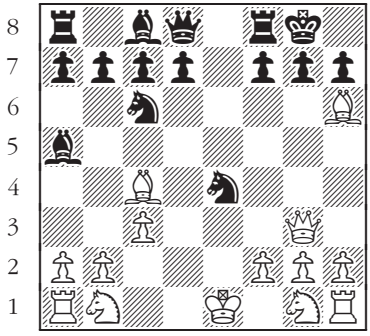

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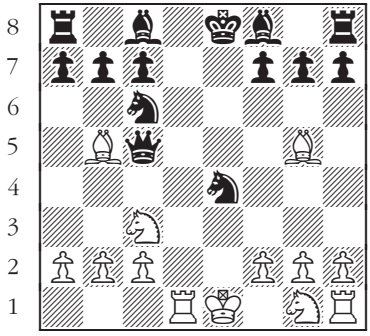

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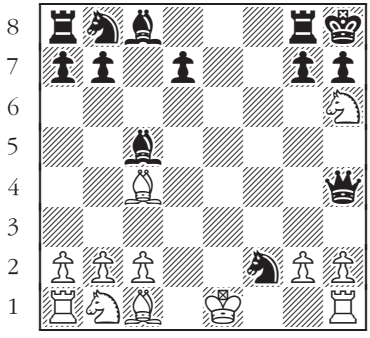

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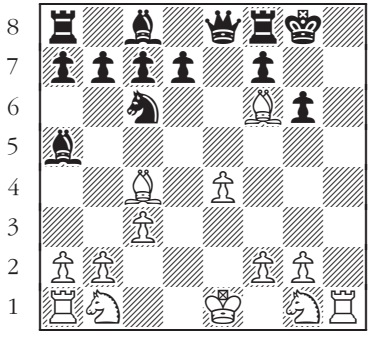
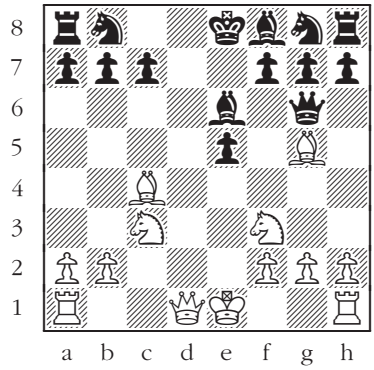


90

Danish Gambit

1. e4 e5 2. d4 exd4 3. c3

White to move.



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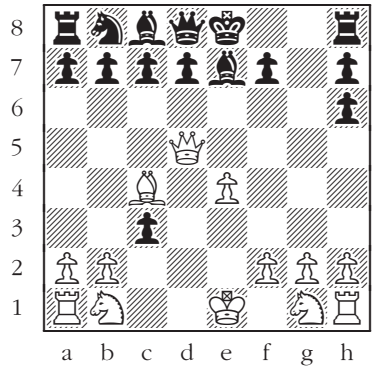

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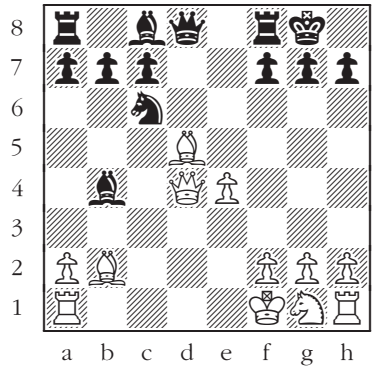

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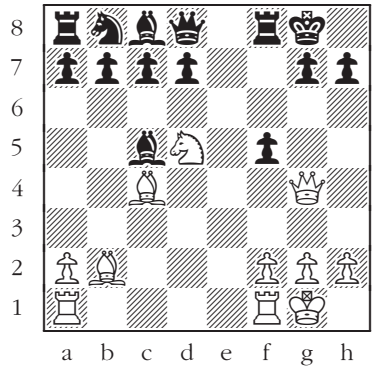

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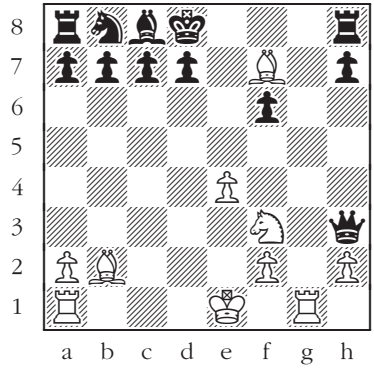

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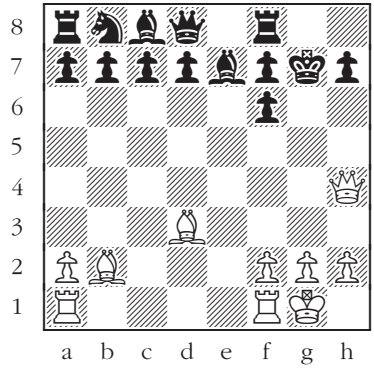
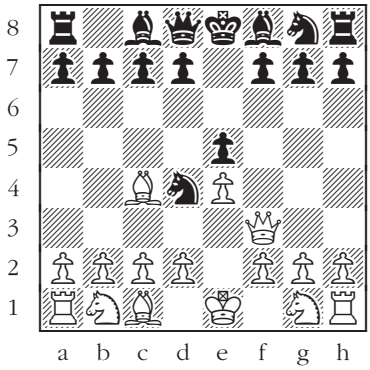


96

Bishop's Opening

1. e4 e5 2. ♗c4

White to move.



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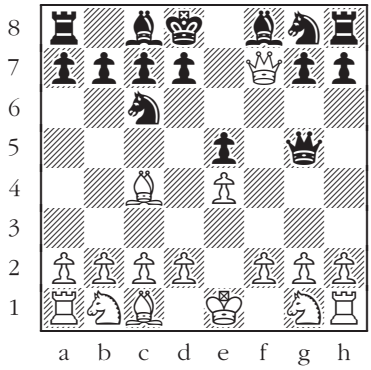

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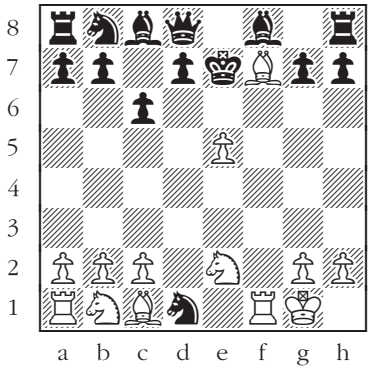

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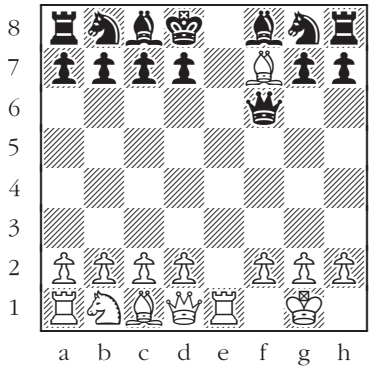

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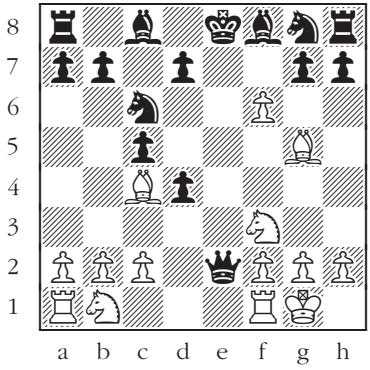

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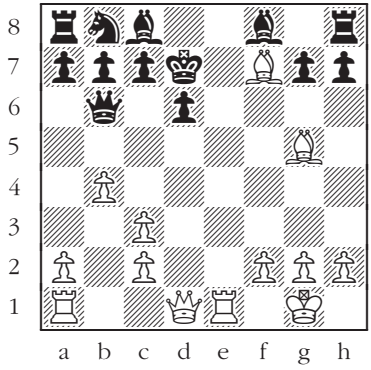
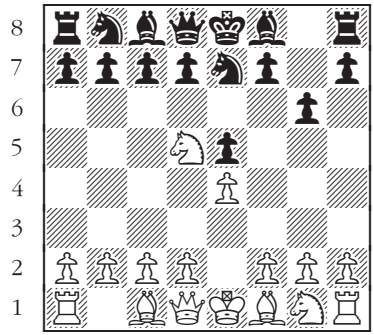


102

Vienna Game

1. e4 e5 2. ♘c3

White to move.



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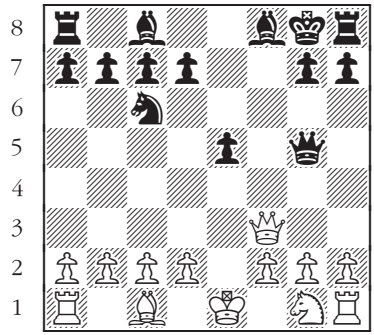

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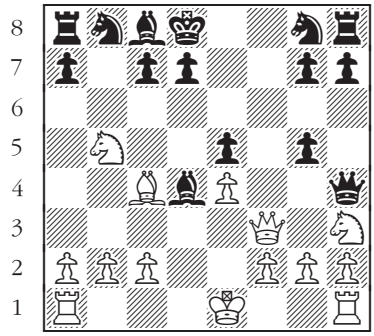

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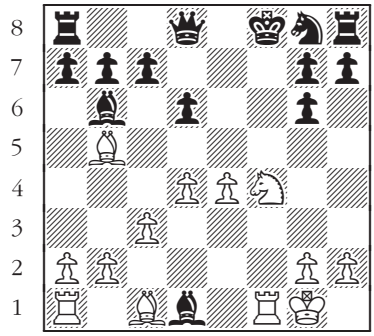

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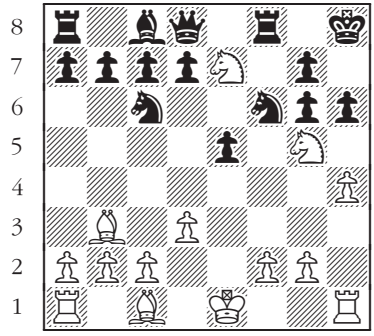

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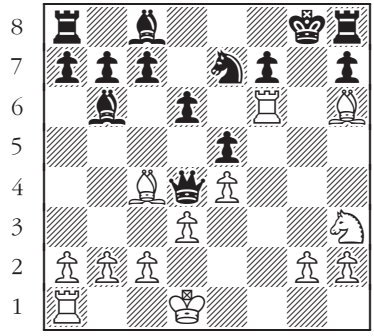
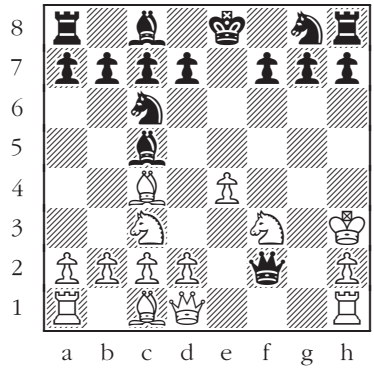


108

Vienna Game

1. e4 e5 2. ♘c3

Black to move.



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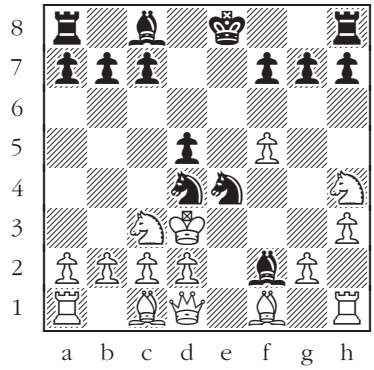

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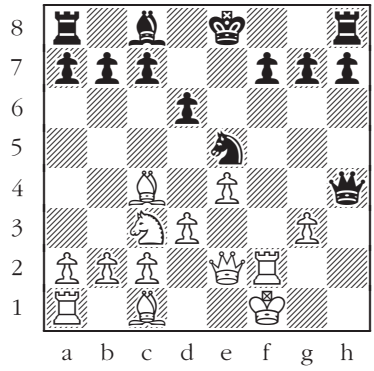

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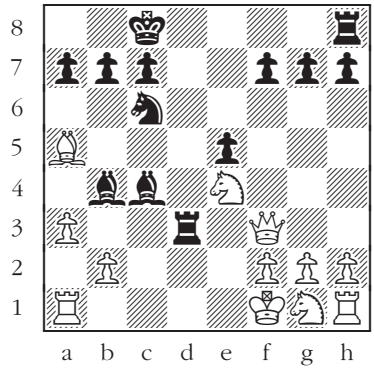

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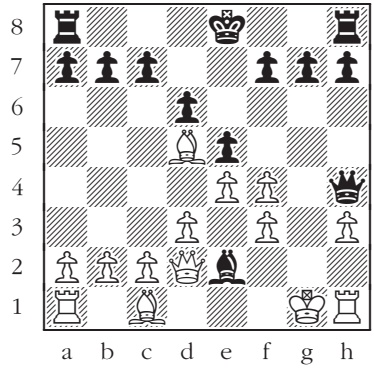

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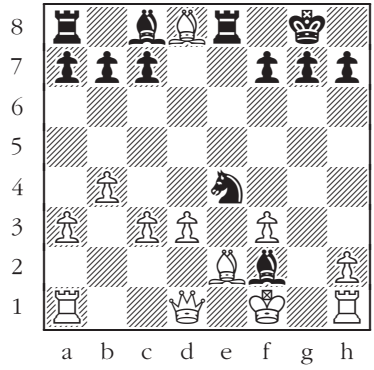
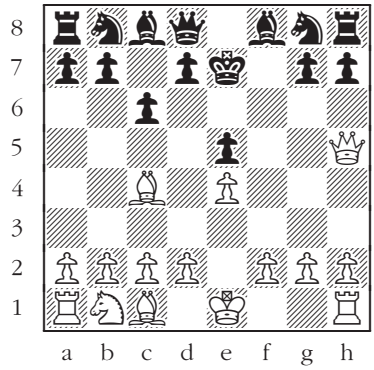


114

Damiano's Defense

1. e4 e5 2. ♘f3 f6

White to move.



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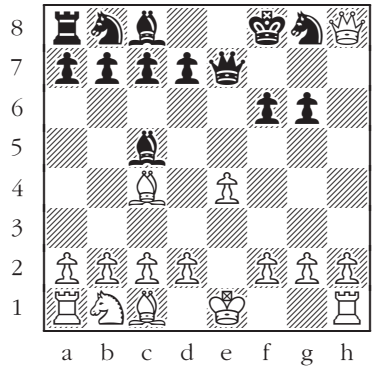

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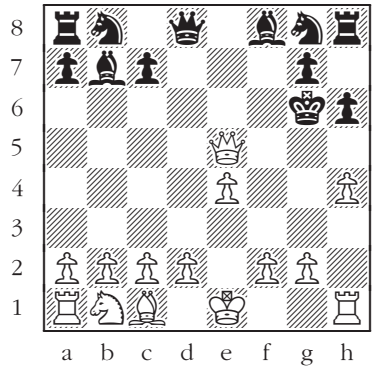

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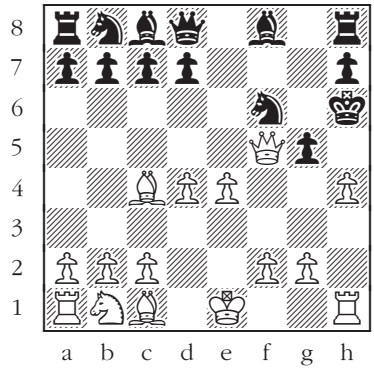

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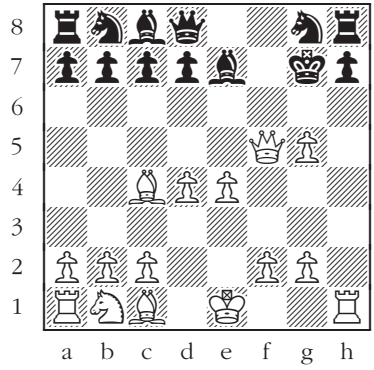

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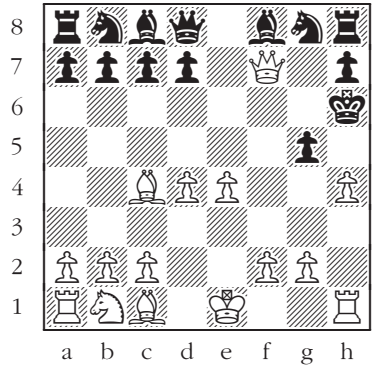
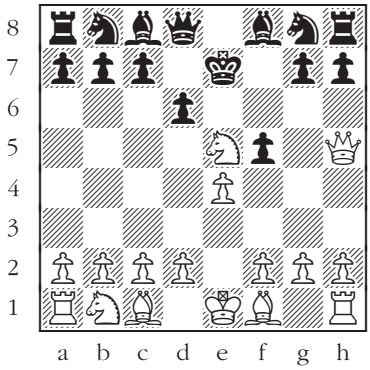


120

Latvian Gambit

1. e4 e5 2. ♘f3 f5

White to move.



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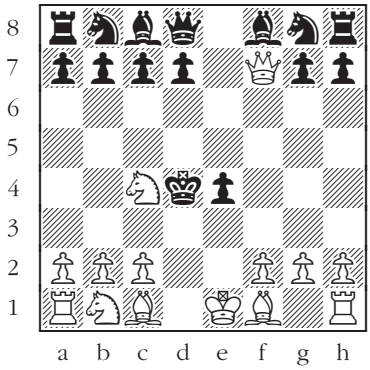

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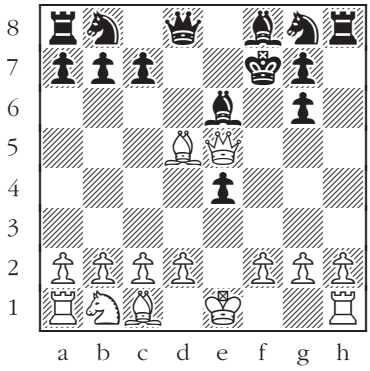

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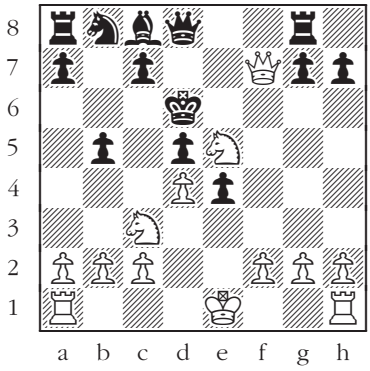

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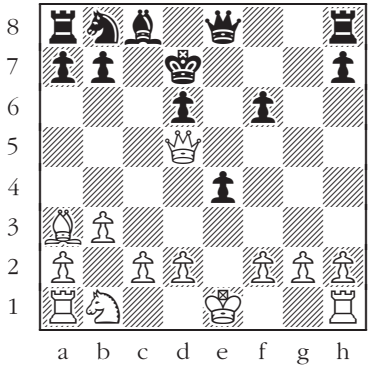

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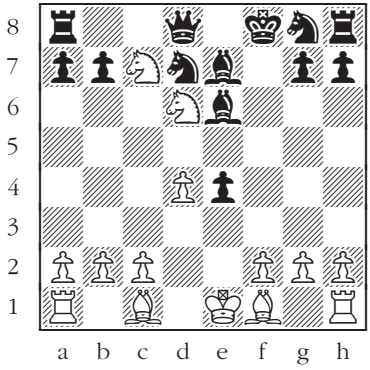
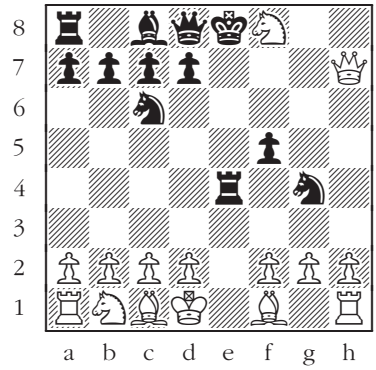


126

Latvian Gambit

1. e4 e5 2. ♘f3 f5

Black to move.



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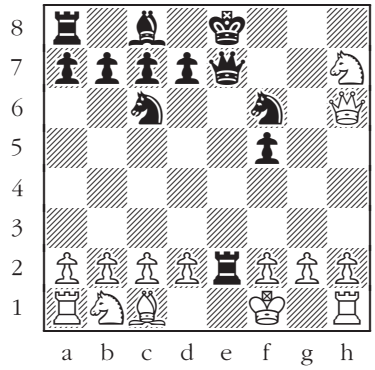

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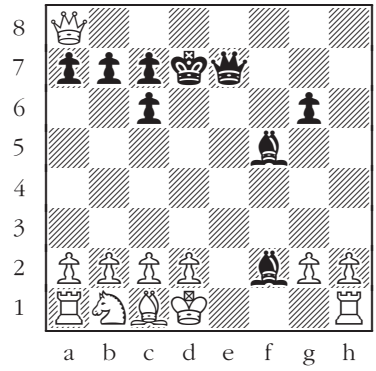

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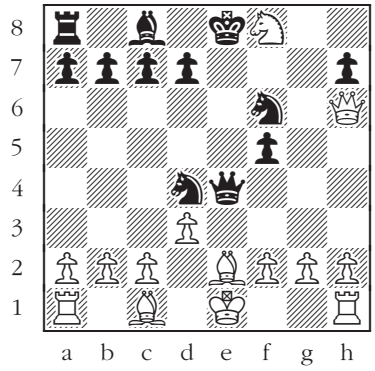

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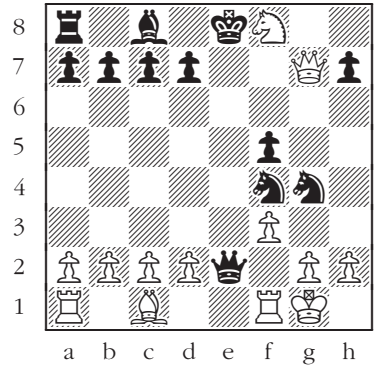

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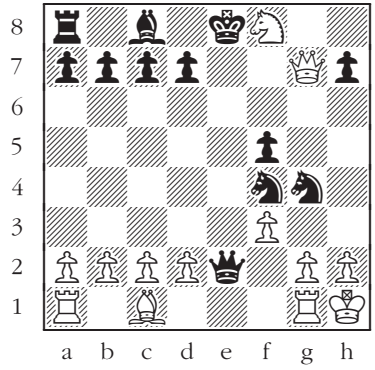
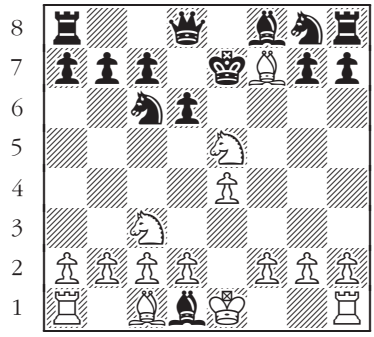


132

Philidor's Defense

1. e4 e5 2. ♘f3 d6

White to move.



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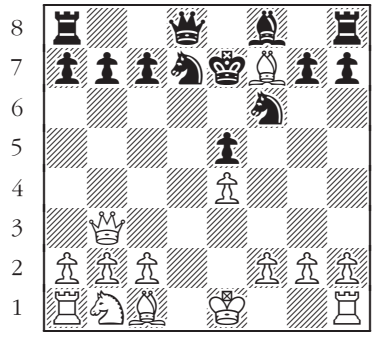

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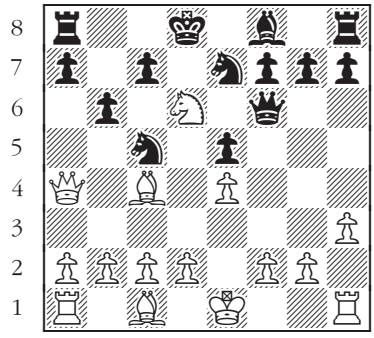

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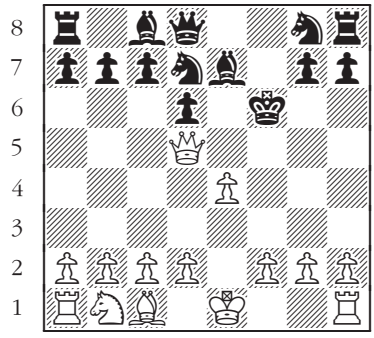

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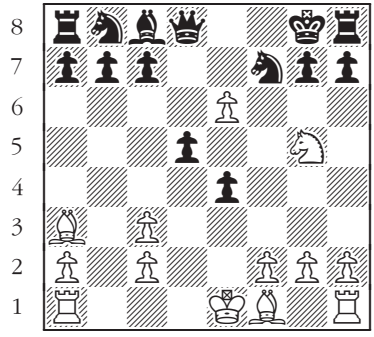

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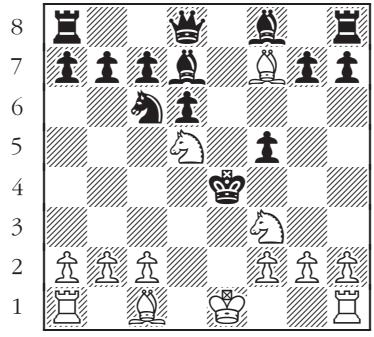
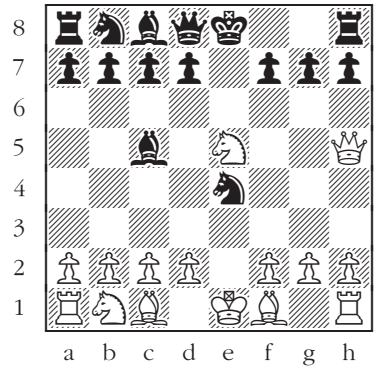


138

Petroff's Defense

1. e4 e5 2. ♘f3 ♘f6

White to move.



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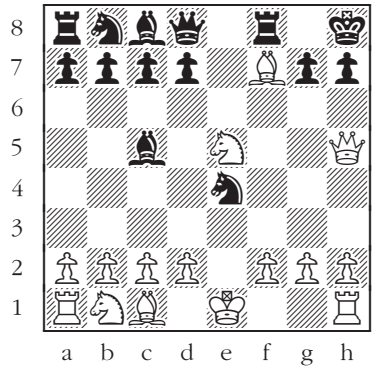

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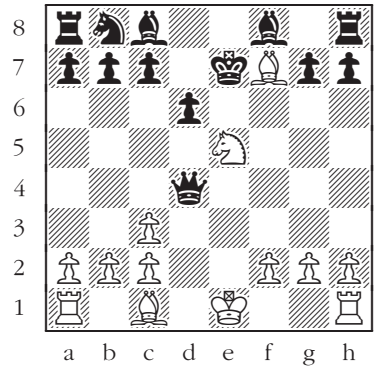

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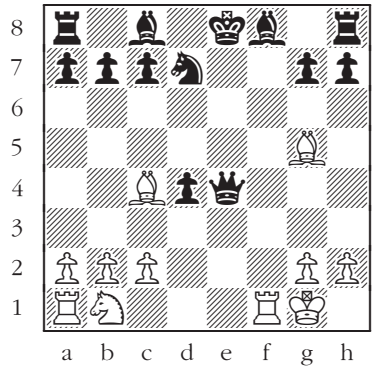

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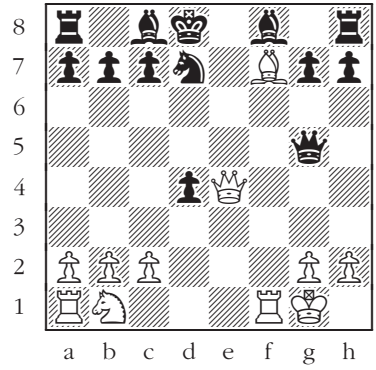

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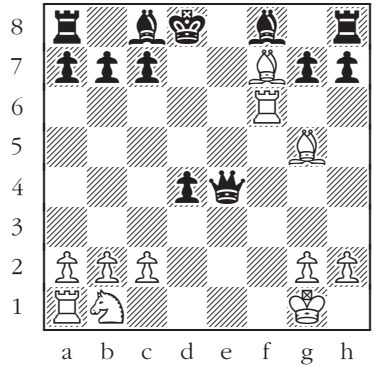
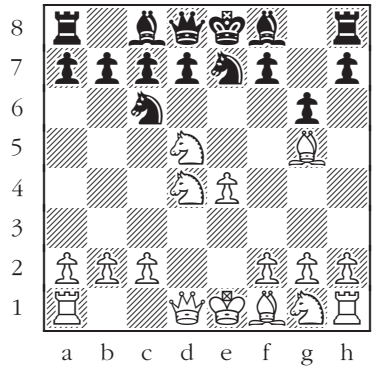


144

Scotch Game

1. e4 e5 2. ♘f3 ♘c6 3. d4

White to move.



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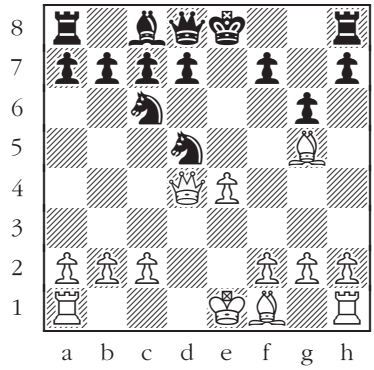

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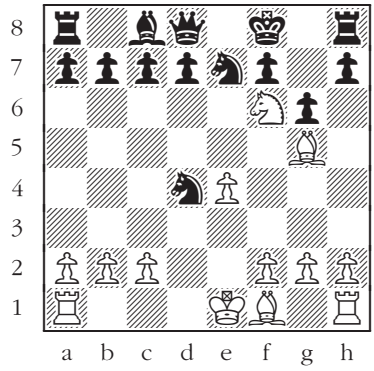

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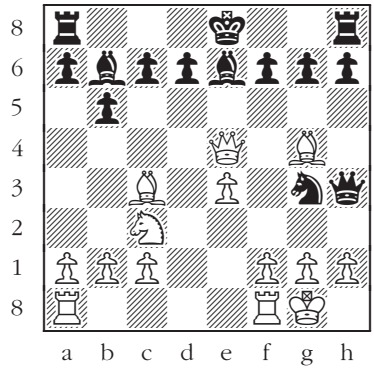

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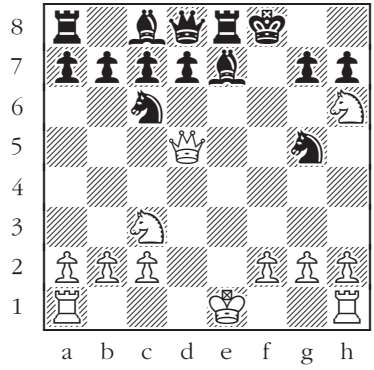

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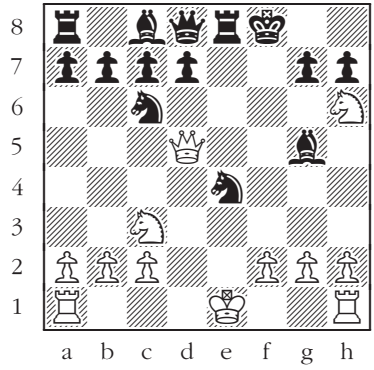
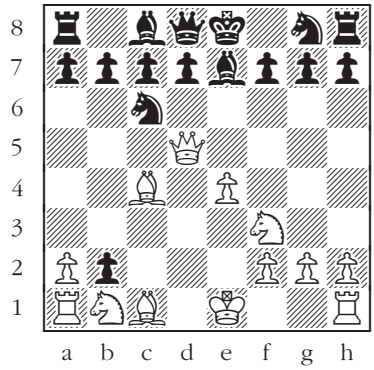


150

Göring Gambit

1. e4 e5 2. ♘f3 ♘c6 3. d4 exd4 4. c3

White to move.



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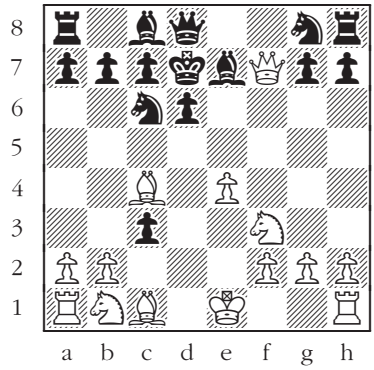

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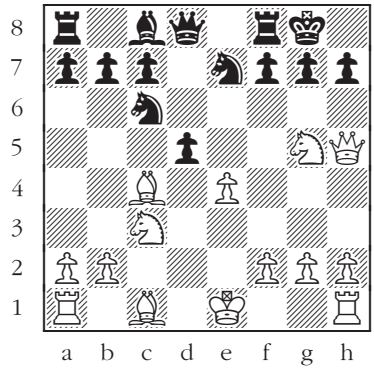

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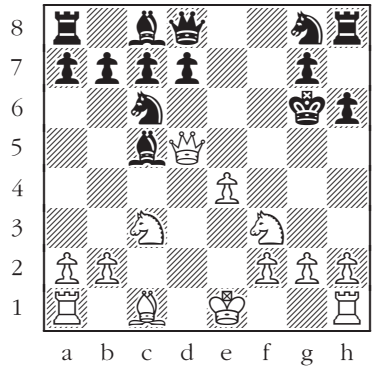

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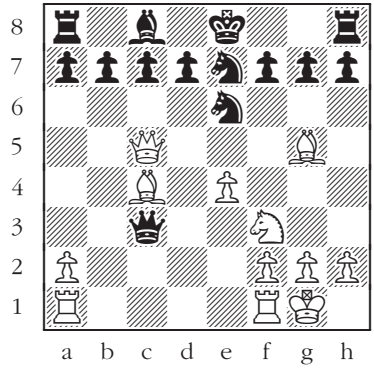

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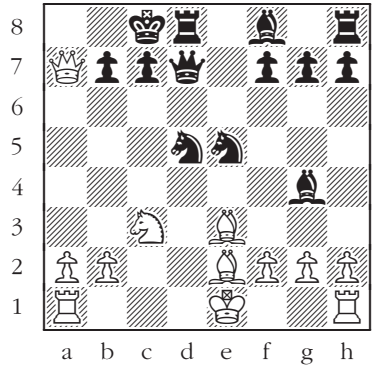
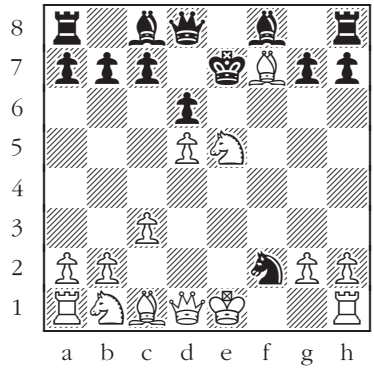


156

Ponziani's Opening

1. e4 e5 2. ♘f3 ♘c6 3. c3

White to move.



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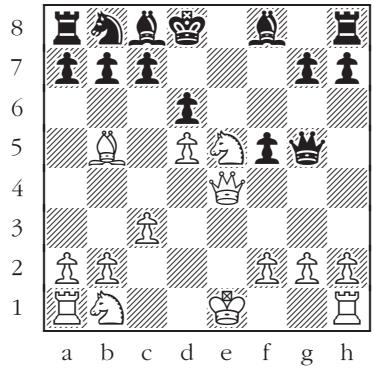

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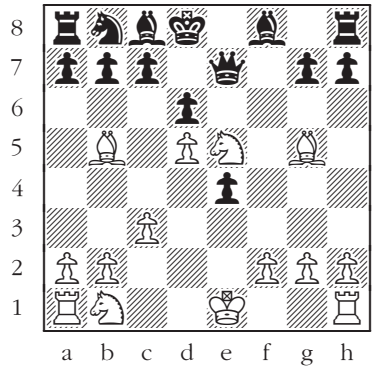

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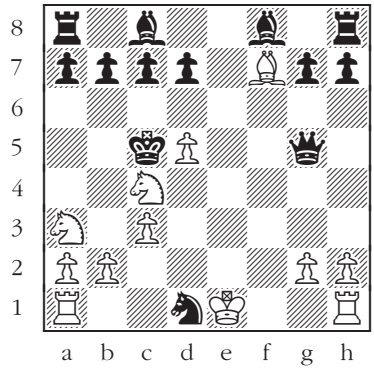

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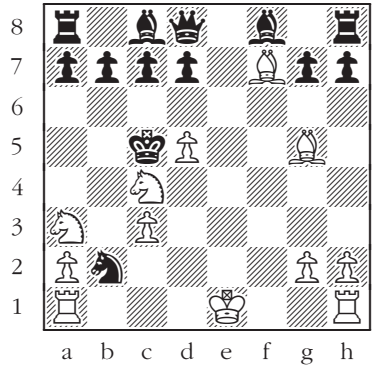

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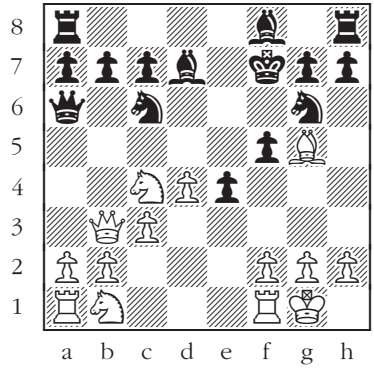
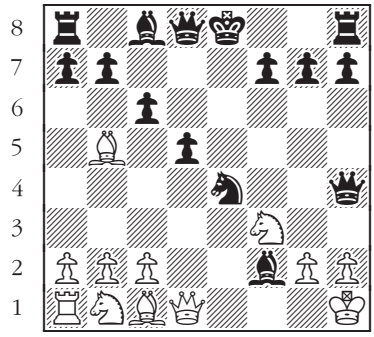


162

Two Knights' Defense

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♘f6

Black to move.



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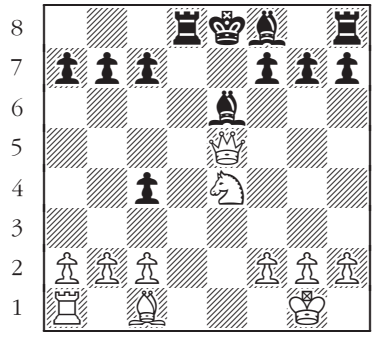

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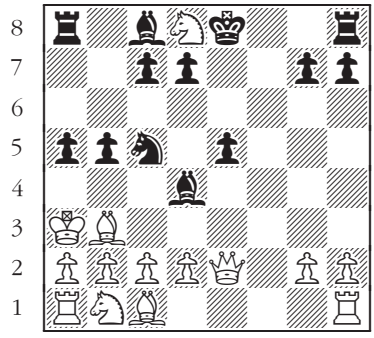

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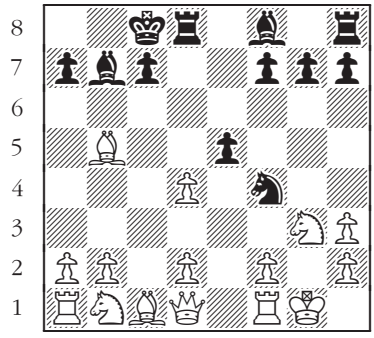

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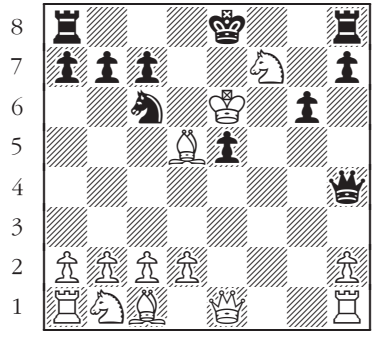

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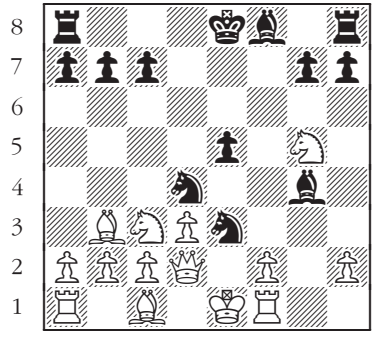
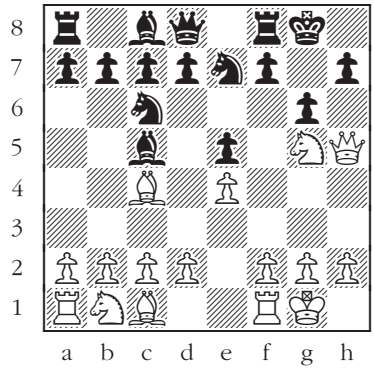


168

Giuoco Piano

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♗c5

White to move.



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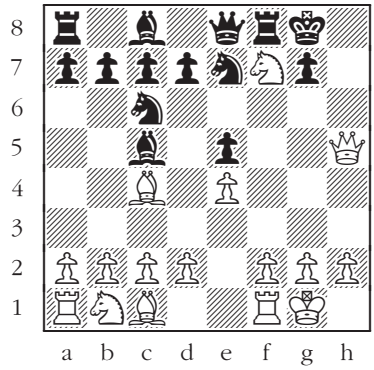

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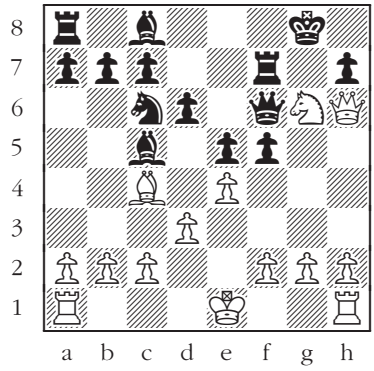

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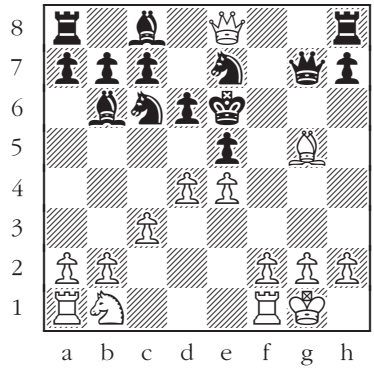

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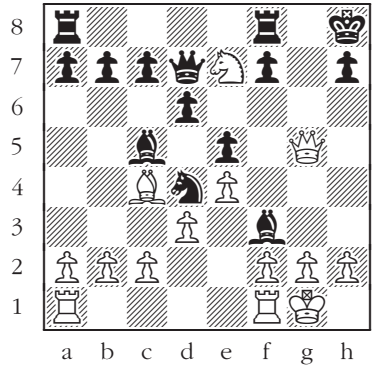

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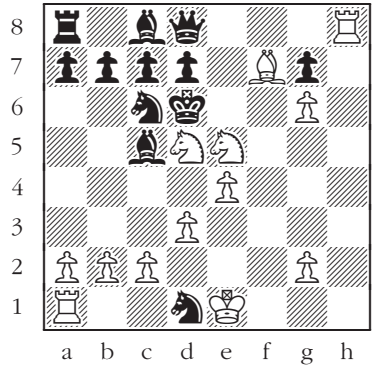
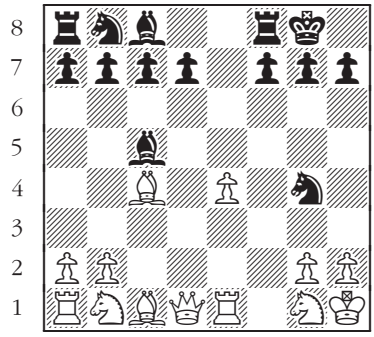


174

Giuoco Piano

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♗c5

Black to move.



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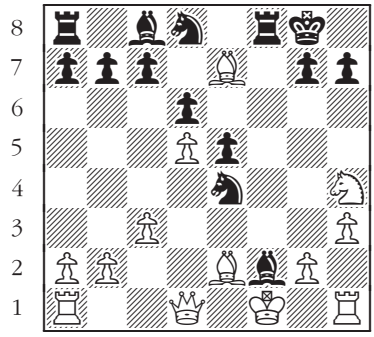

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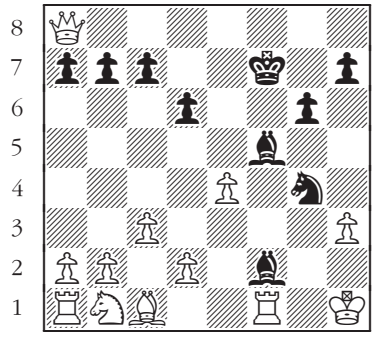

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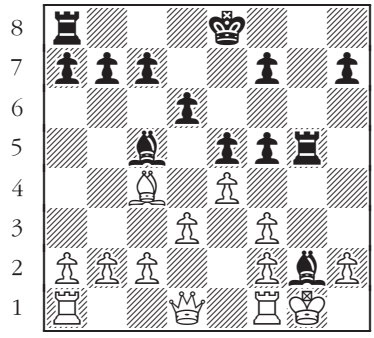

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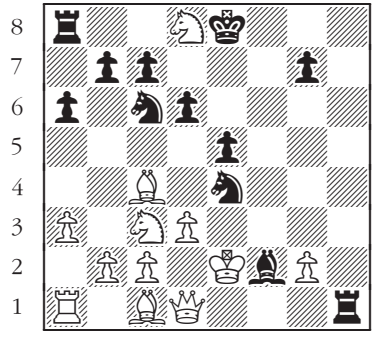

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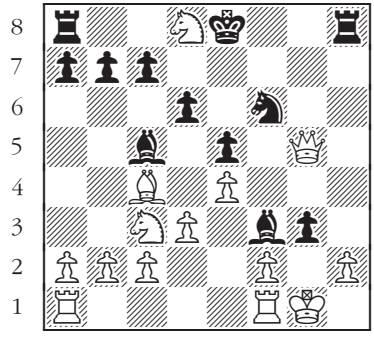
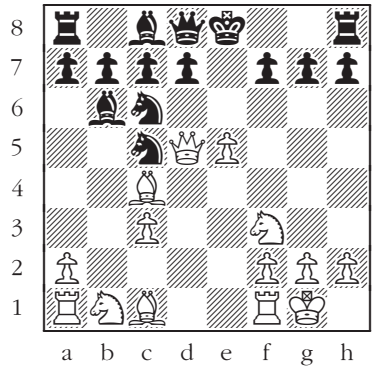


180

Evans Gambit

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♗c5 4. b4

White to move.



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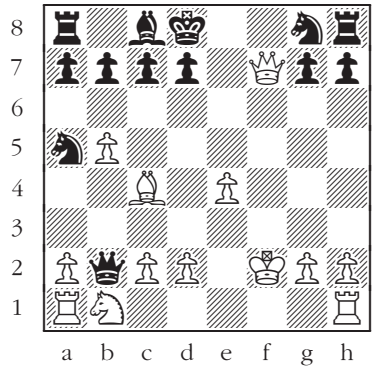

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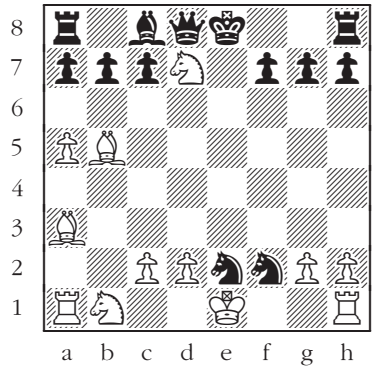

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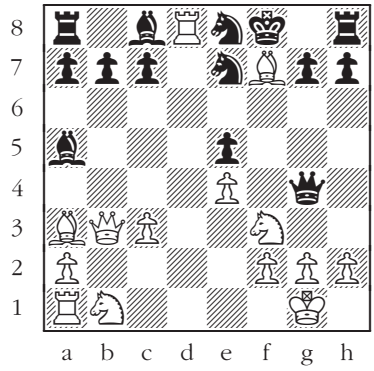

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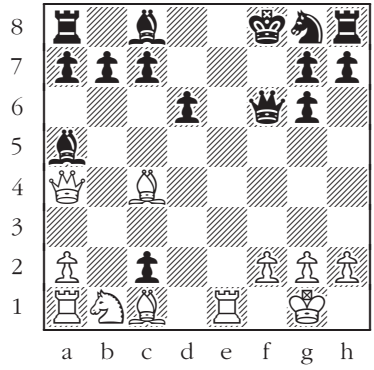

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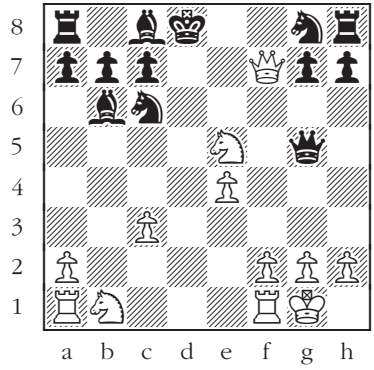
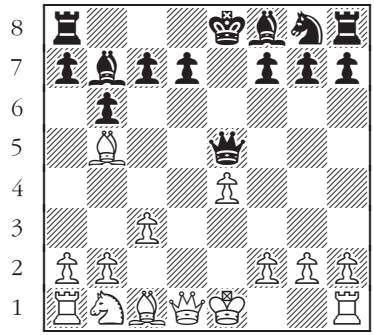


186

Ruy López

1. e4 e5 2. ♘f3 ♘c6 3. ♗b5

White to move.



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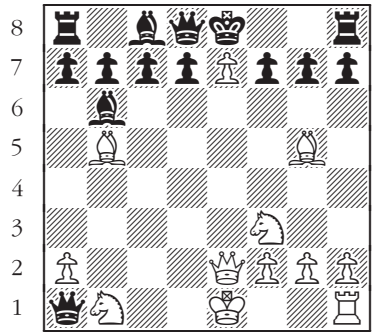

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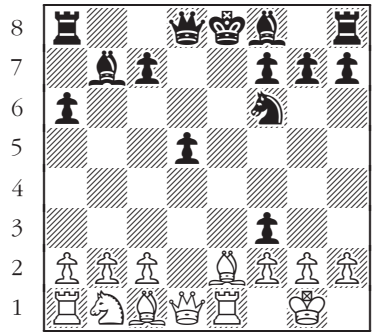

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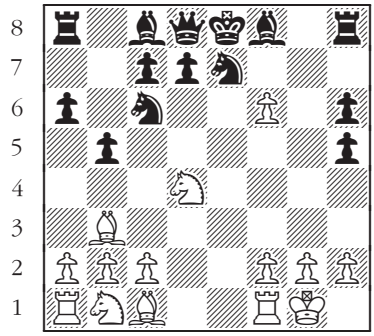

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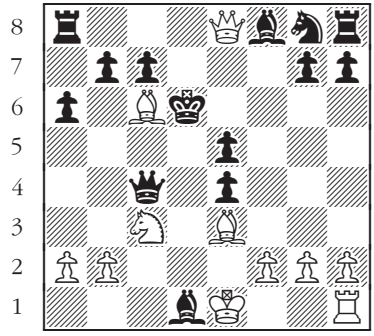

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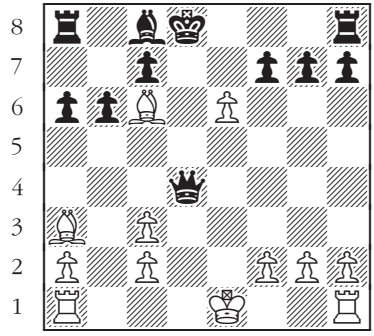
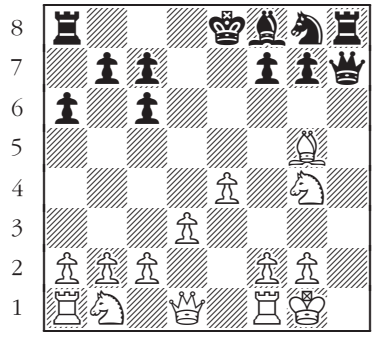


192

Ruy López

1. e4 e5 2. ♘f3 ♘c6 3. ♗b5

Black to move.



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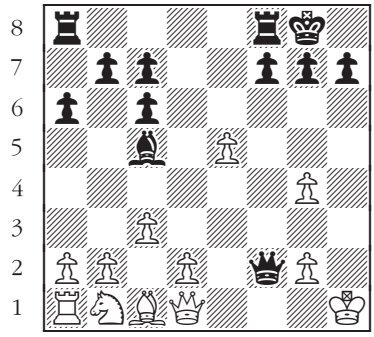

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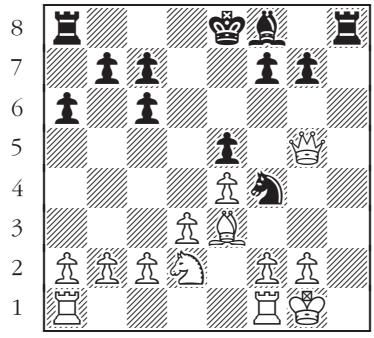

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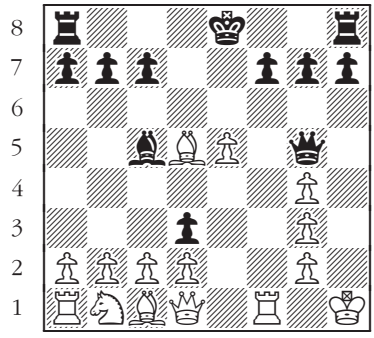

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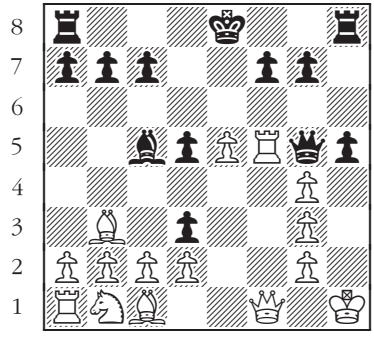

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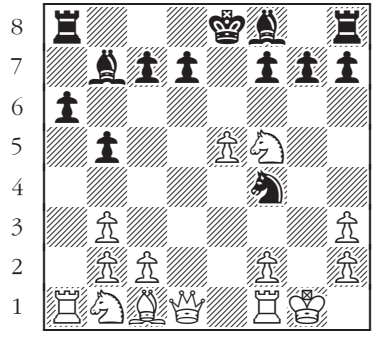
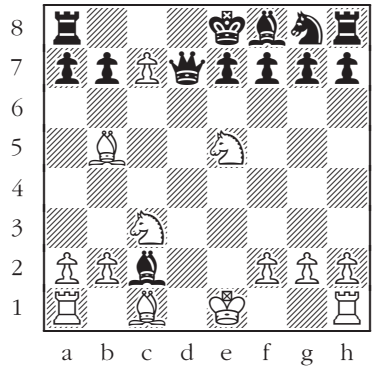


198

Semi-Open Games

Scandinavian Defense 1. e4 d5

White to move.



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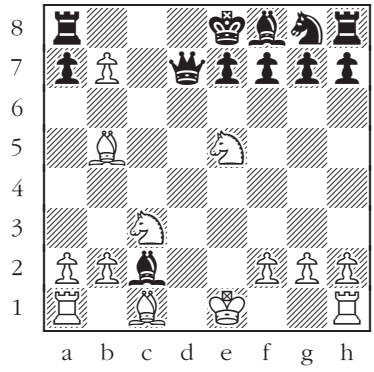

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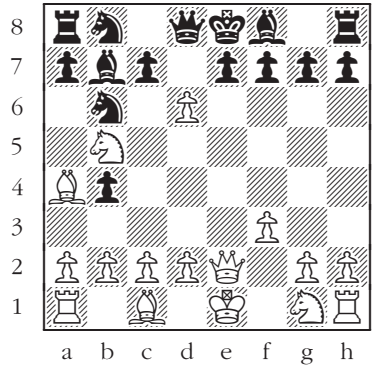

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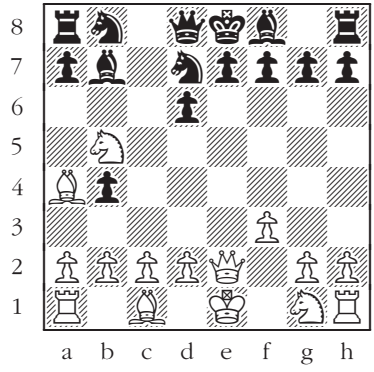

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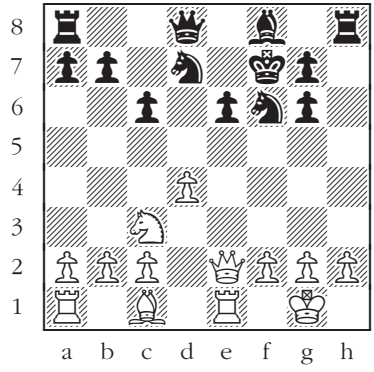

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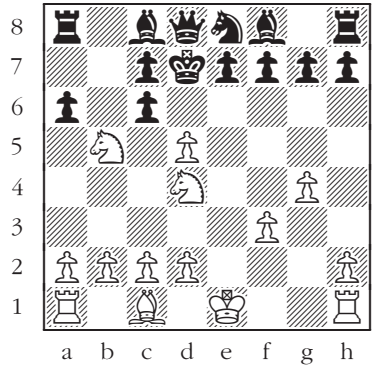
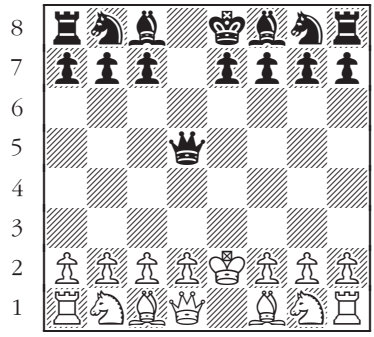


204

Scandinavian Defense

1. e4 d5

Black to move.



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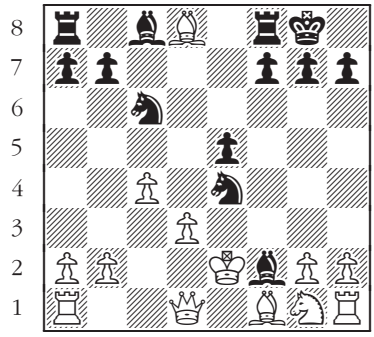

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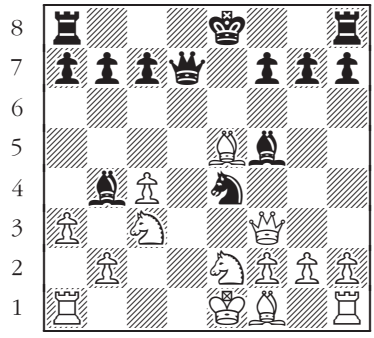

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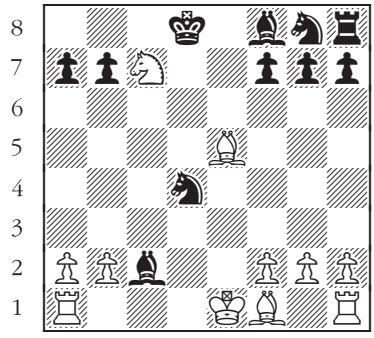

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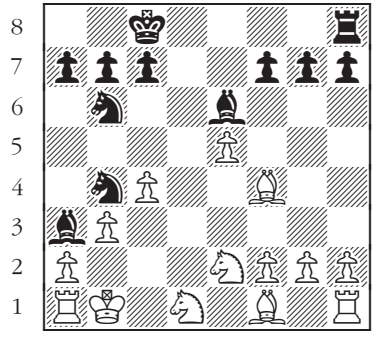

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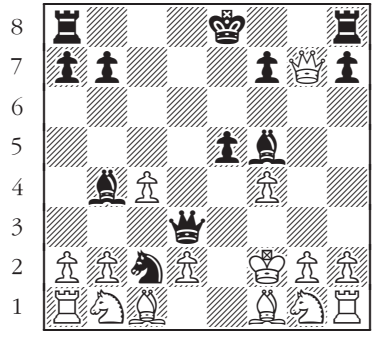
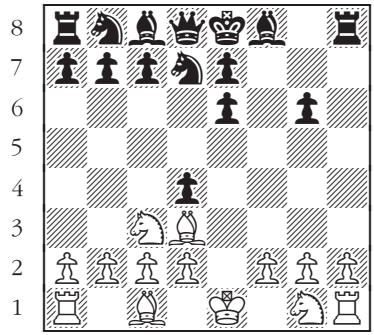


210

Alekhine's Defense

1. e4 ♘f6

White to move.



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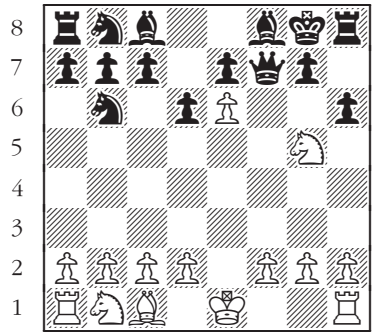

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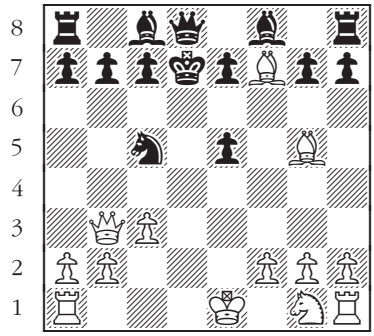

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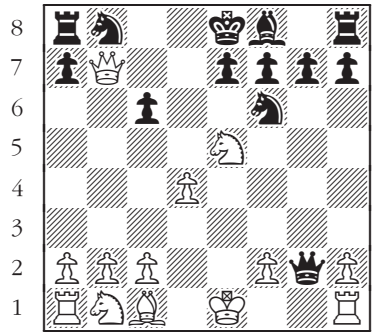

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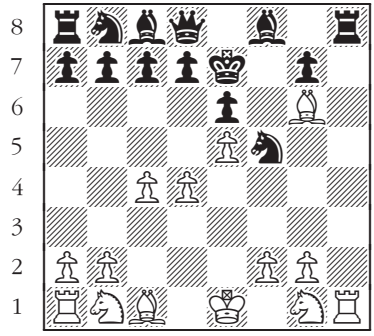

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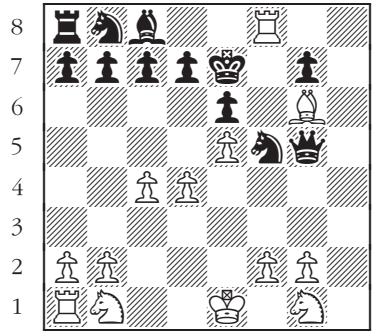
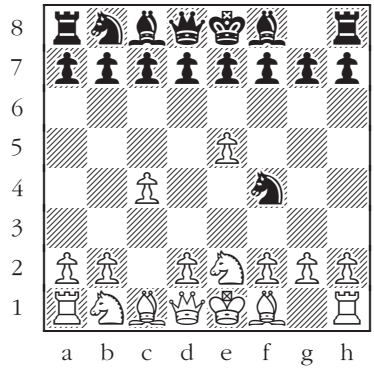


216

Alekhine's Defense

1. e4 ♘f6

Black to move.



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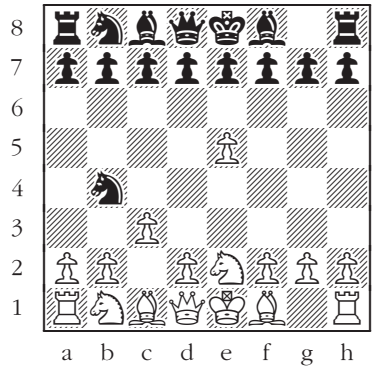

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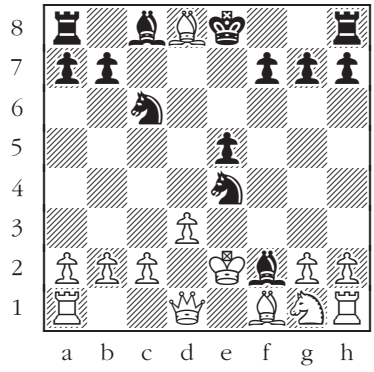

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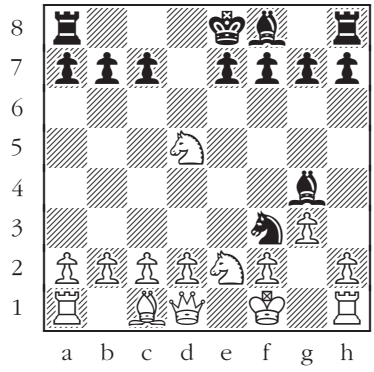

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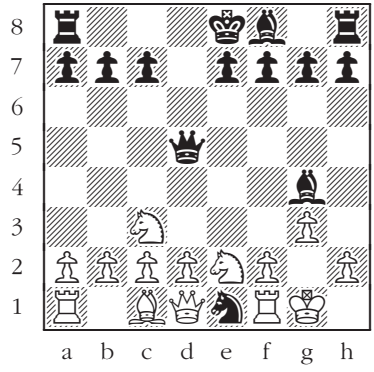

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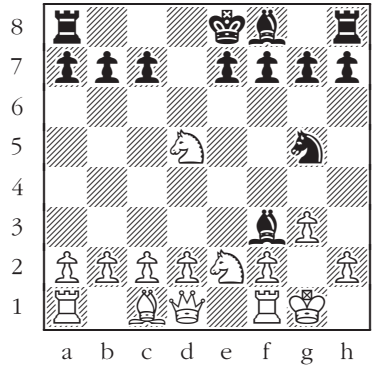
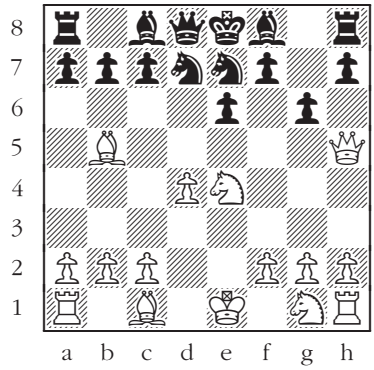


222

French Defense

1. e4 e6

White to move.



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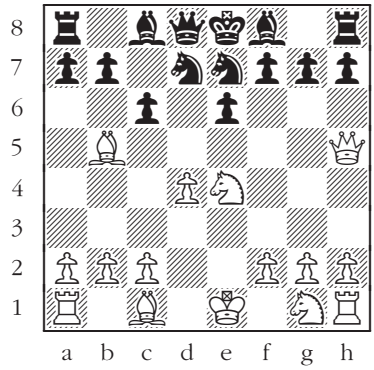

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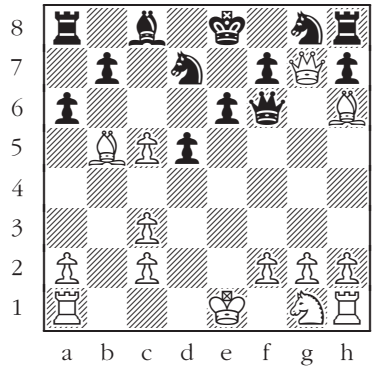

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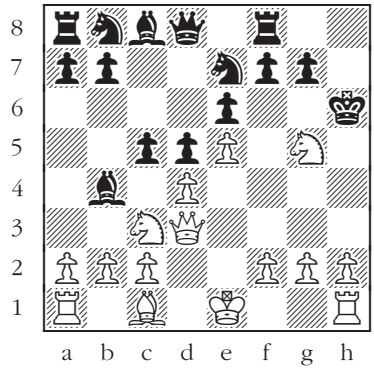

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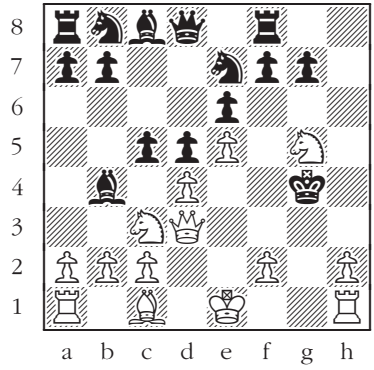

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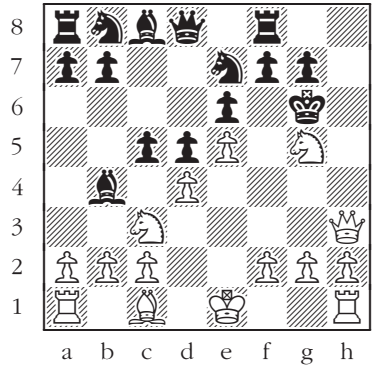
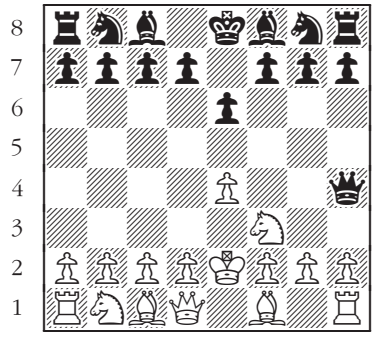


228

French Defense

1. e4 e6

Black to move.



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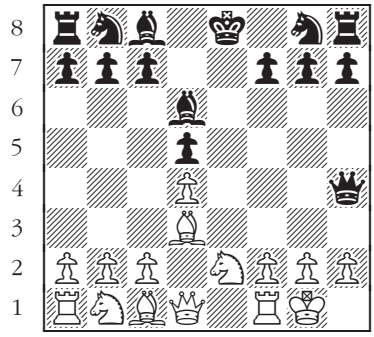

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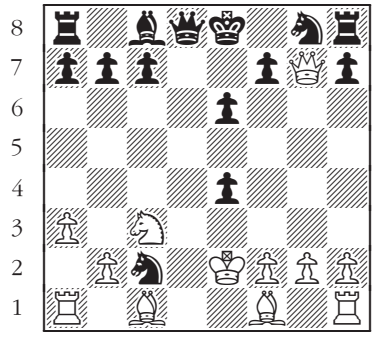

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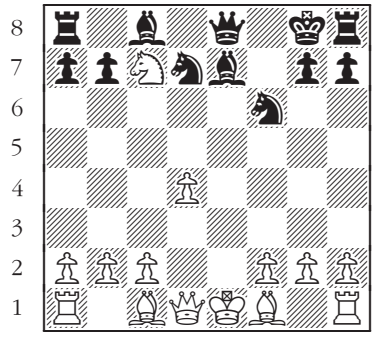

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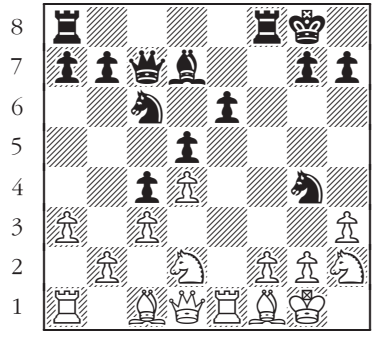

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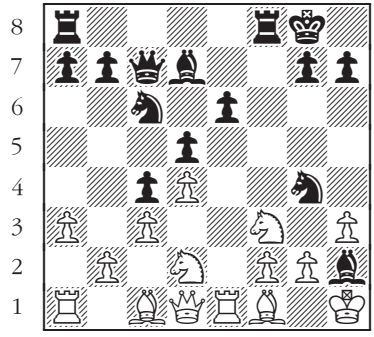
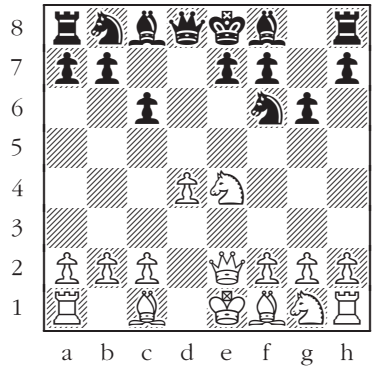


234

Caro-Kann Defense

1. e4 c6

White to move.



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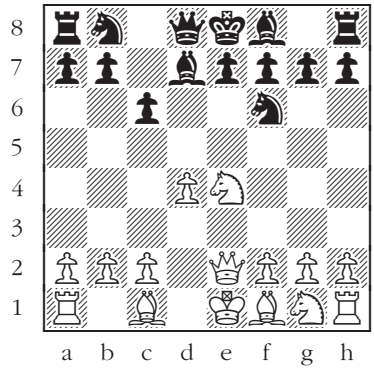

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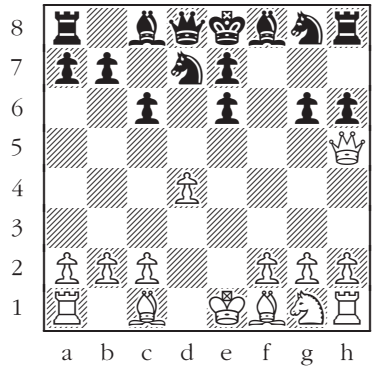

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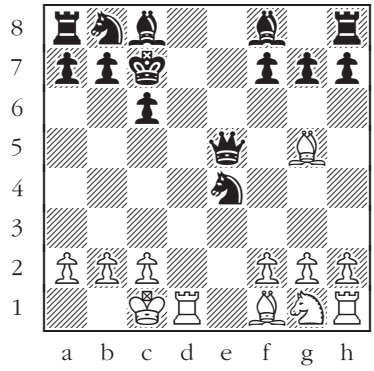

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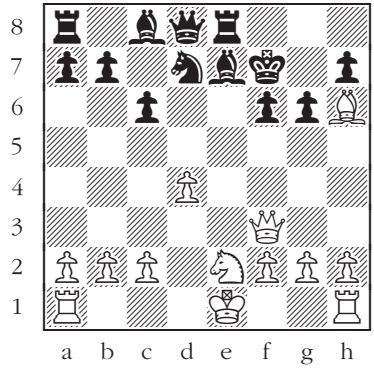

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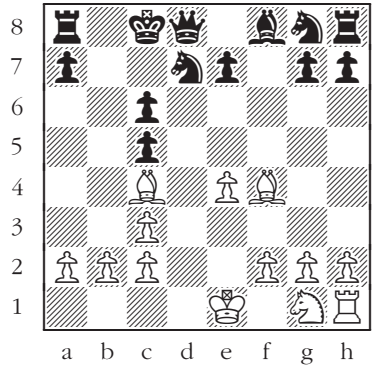
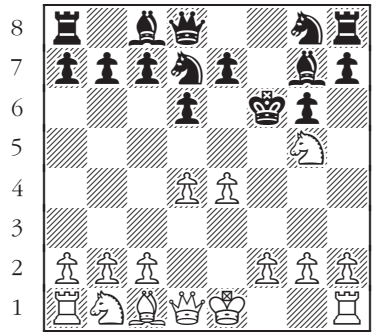


240

Pirc Defense

1. e4 d6

White to move.



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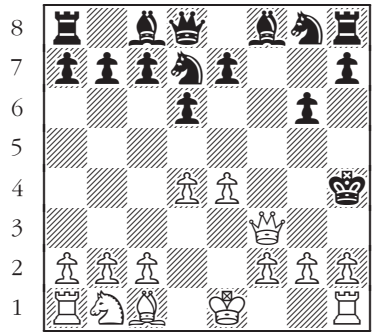

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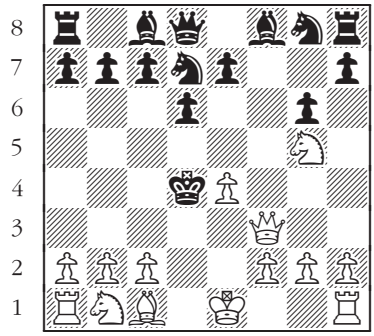

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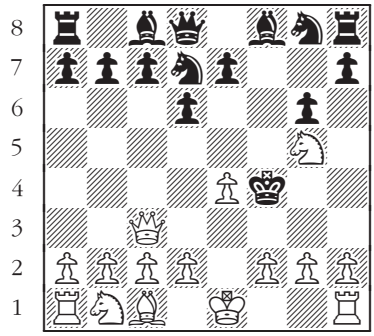

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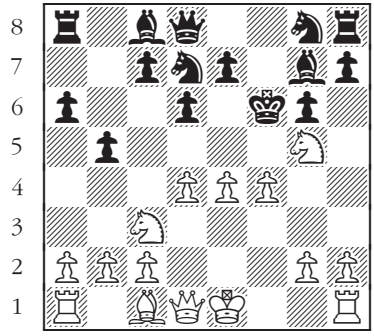

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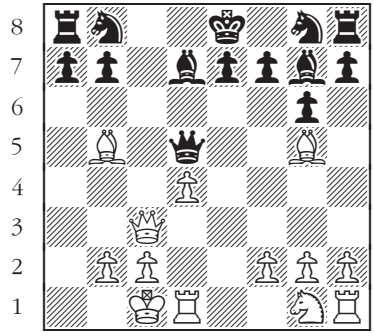
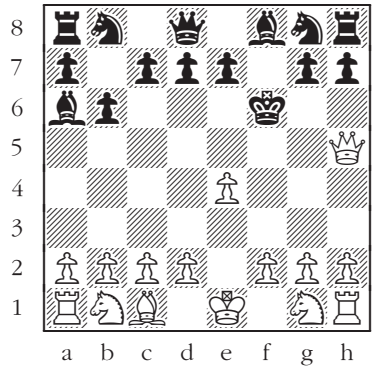


246

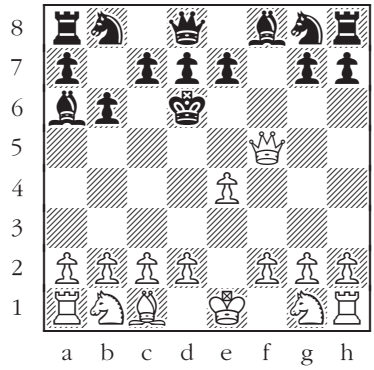
Owen's Defense

1. e4 b6

White to move.



247



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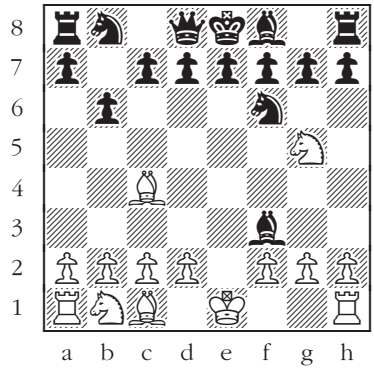

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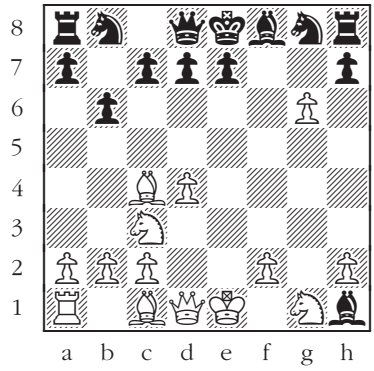

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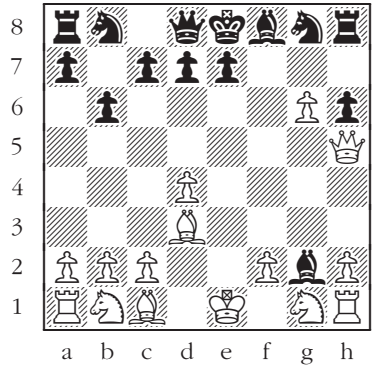

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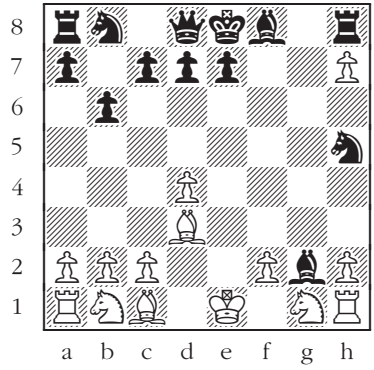
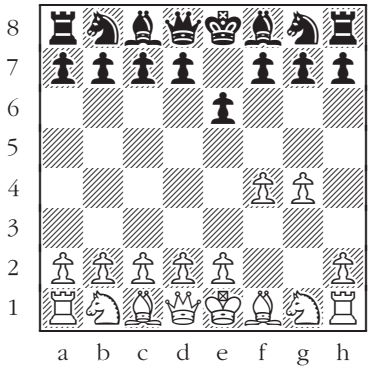


252

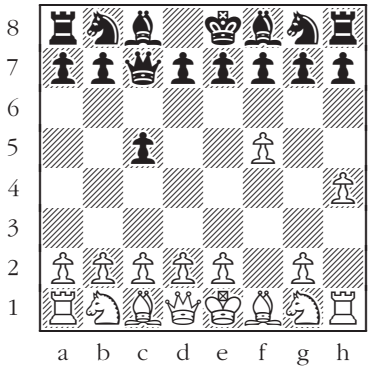
Closed Games

Bird's Opening 1. f4

Black to move.



253



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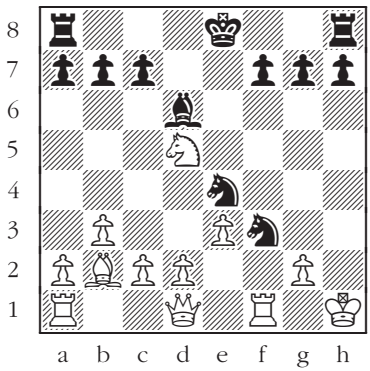

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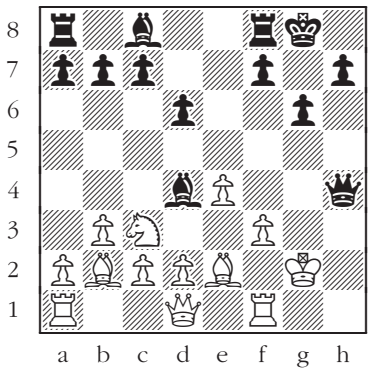

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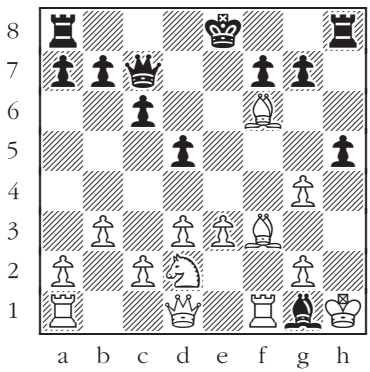

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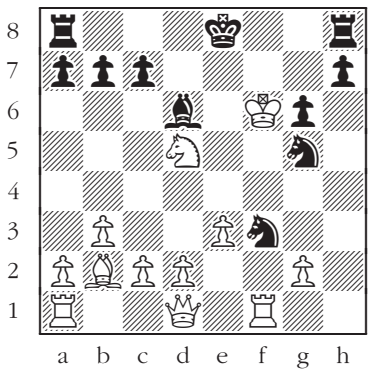
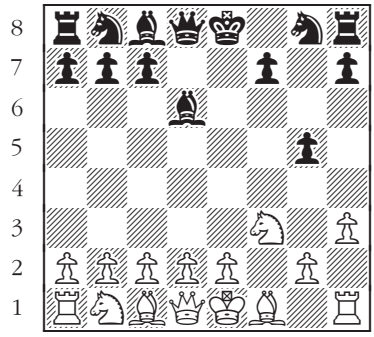


258

From's Gambit

1. f4 e5

Black to move.



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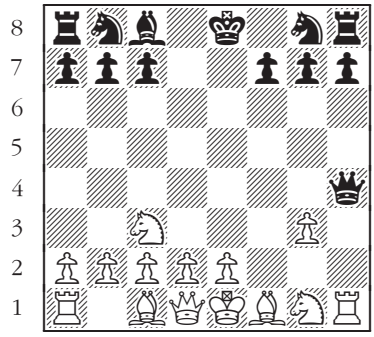

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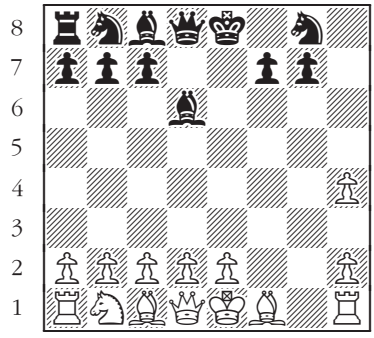

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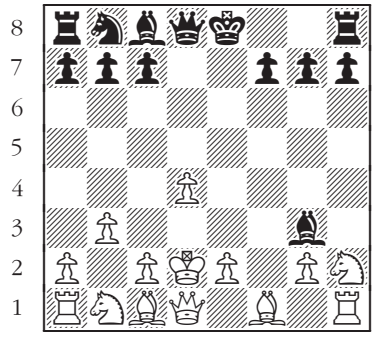

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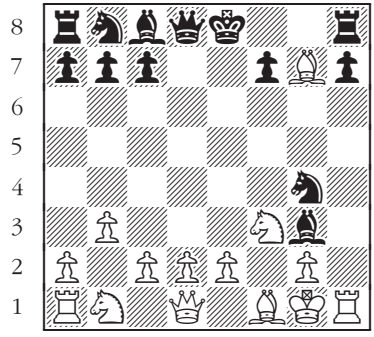

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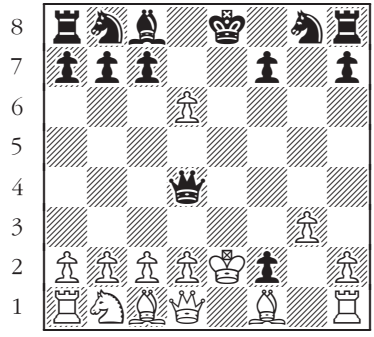
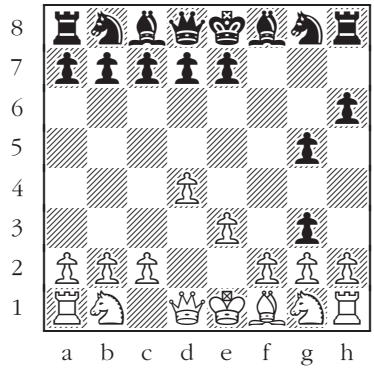


264

Dutch Defense

1. d4 f5

White to move.



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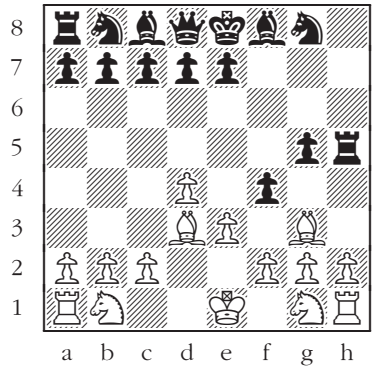

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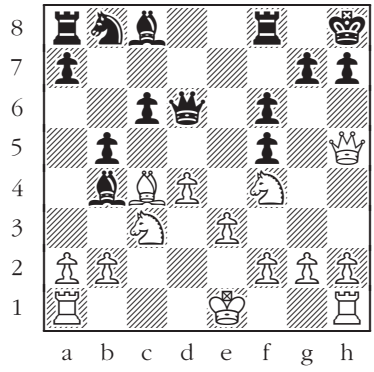

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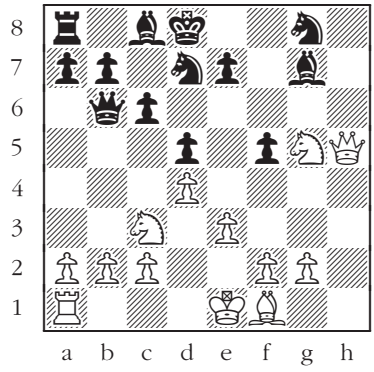

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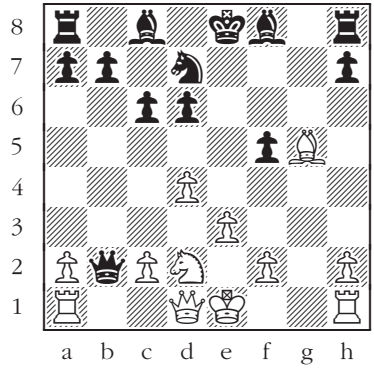

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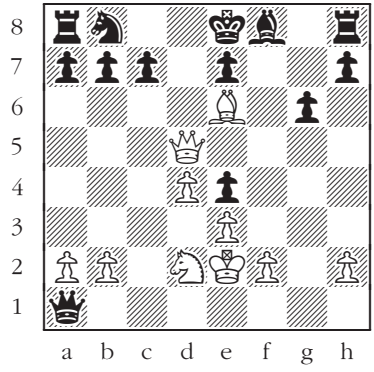
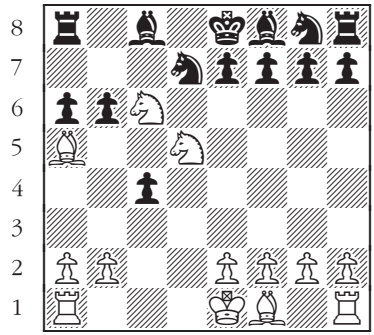


270

Queen's Gambit

1. d4 d5 2. c4

White to move.



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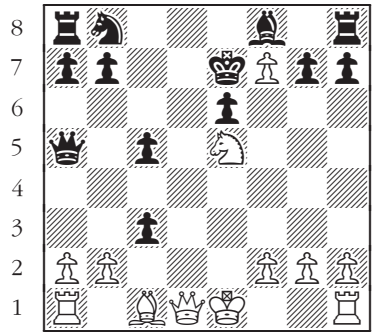

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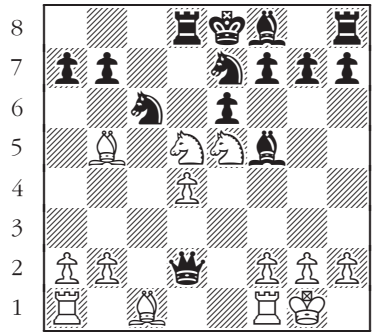

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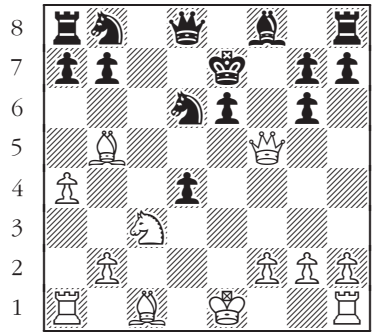

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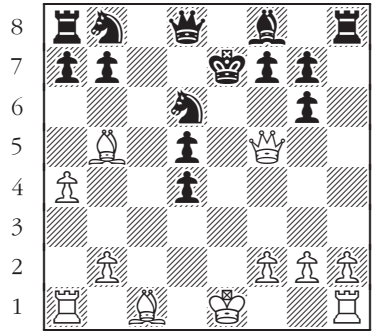

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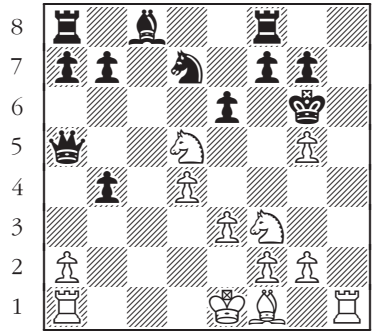
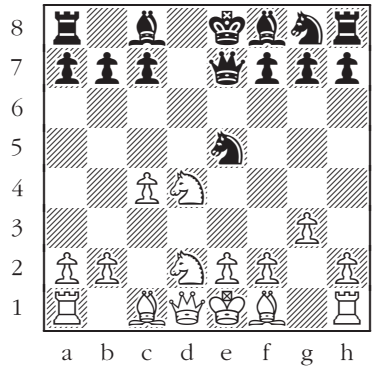


276

Albin Countergambit

1. d4 d5 2. c4 e5

Black to move.



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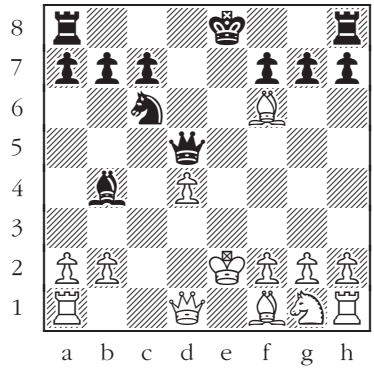

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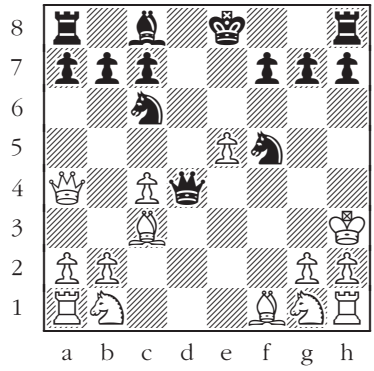

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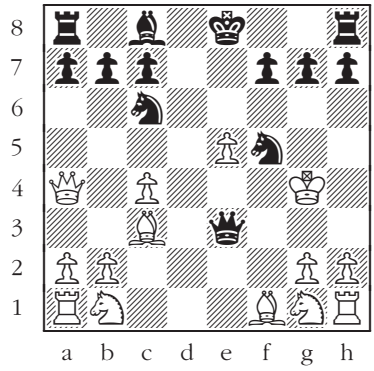

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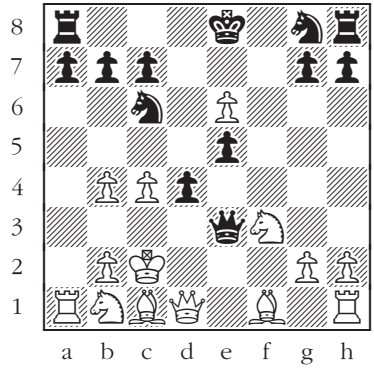

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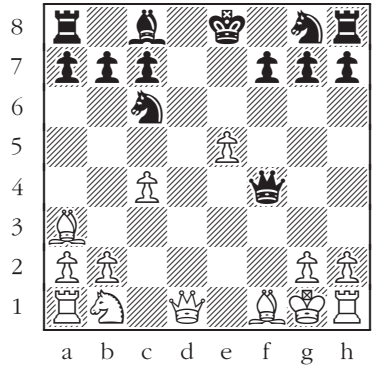
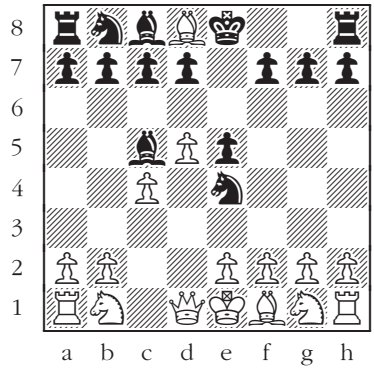


282

Budapest Gambit

1. d4 ♘f6 2. c4 e5

Black to move.



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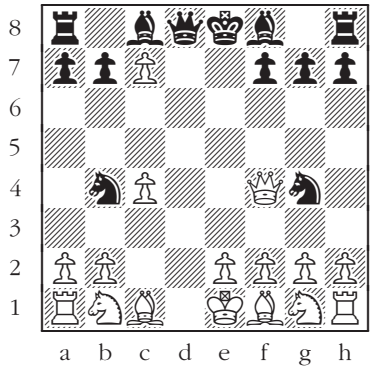

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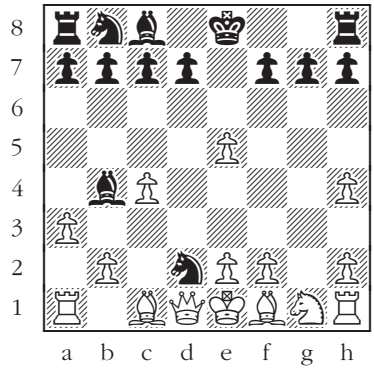

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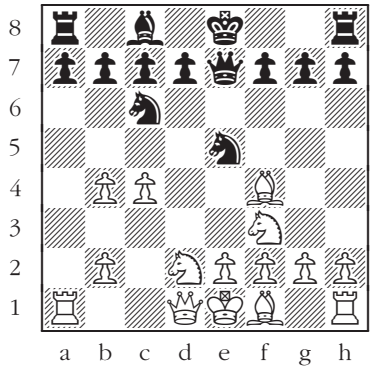

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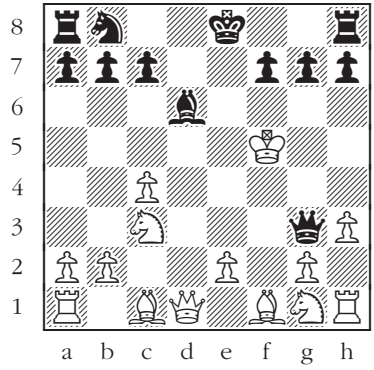

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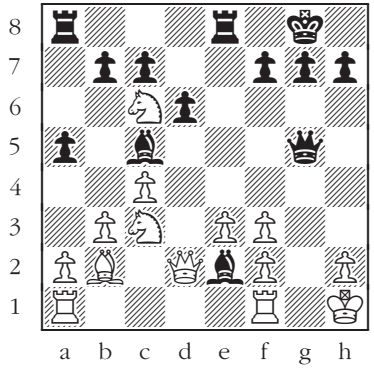
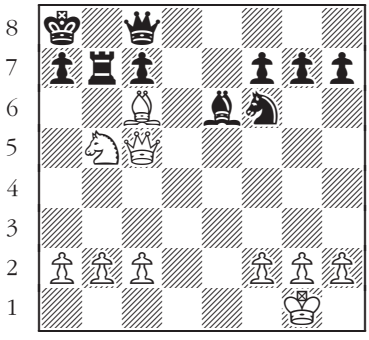


288

Mate in One in the Middlegame

Pins

White to move.



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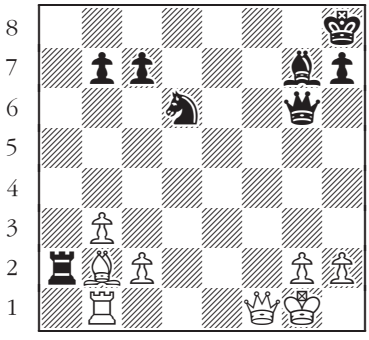

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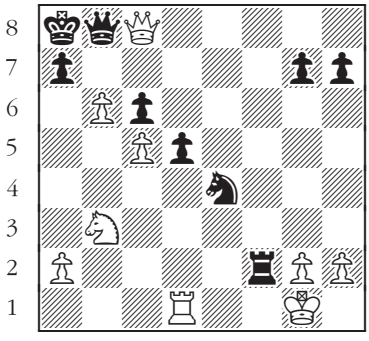

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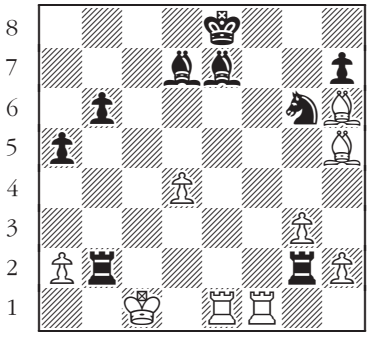

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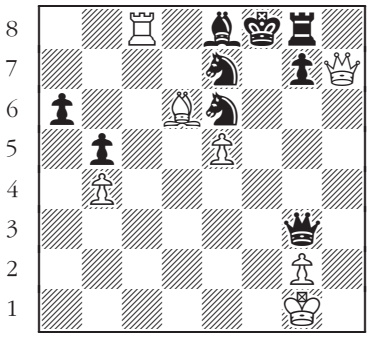

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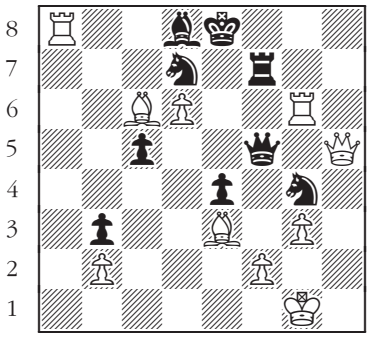
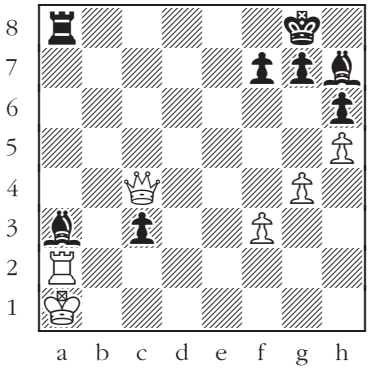


294

Pins

Black to move.



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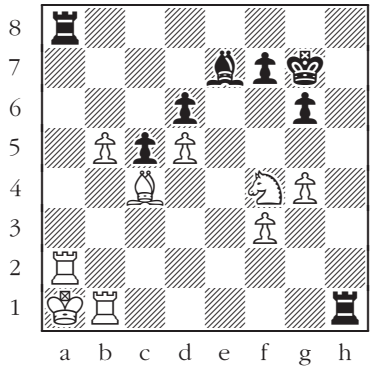

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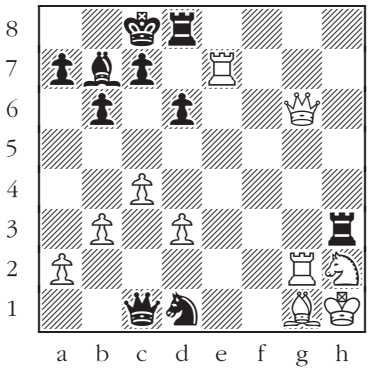

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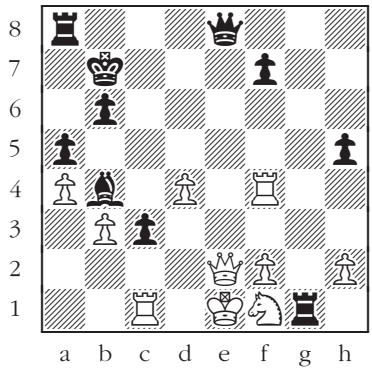

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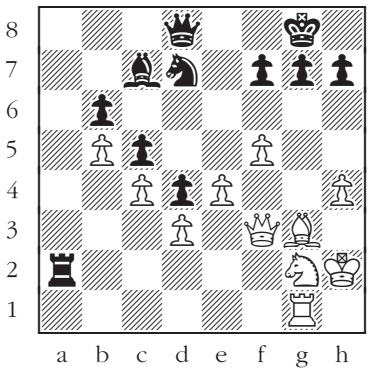

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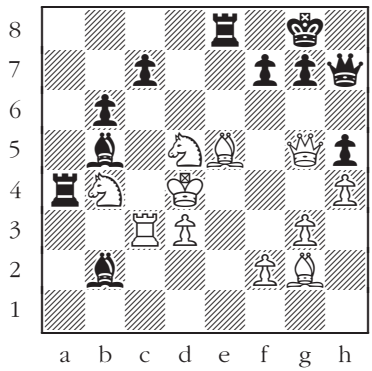
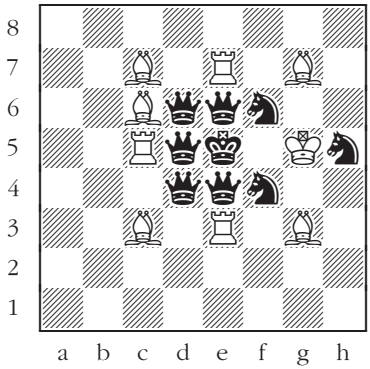


300

Silly Pin Positions

White to move.



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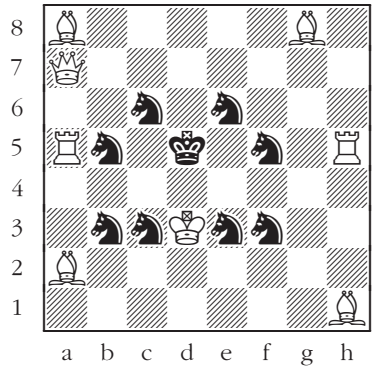

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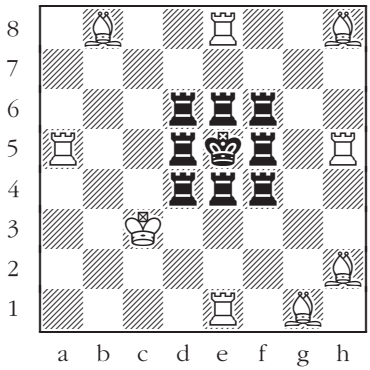

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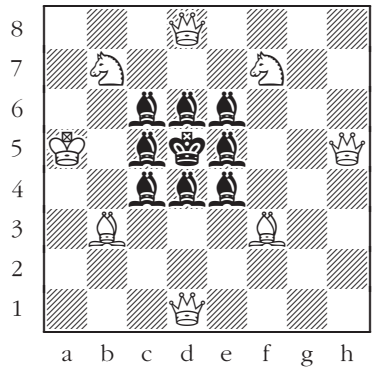

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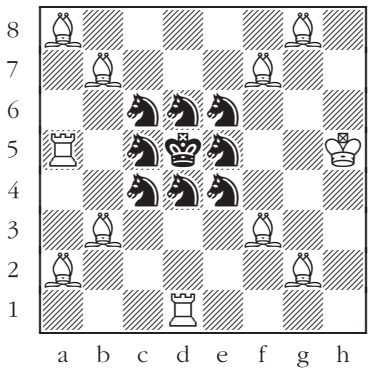

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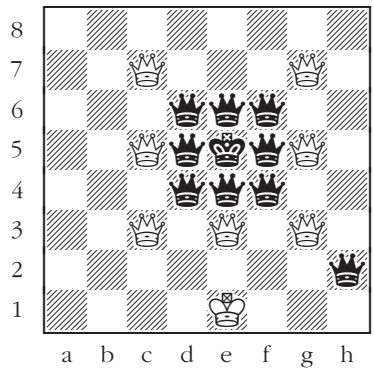
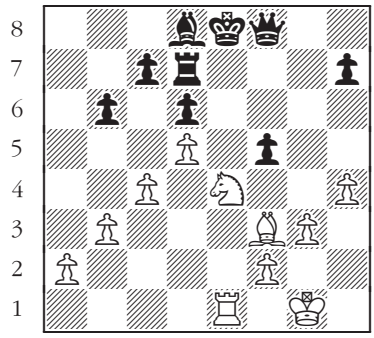


306

Double Check

White to move.



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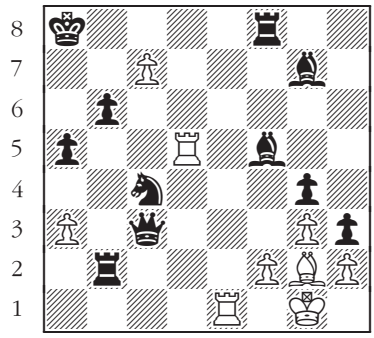

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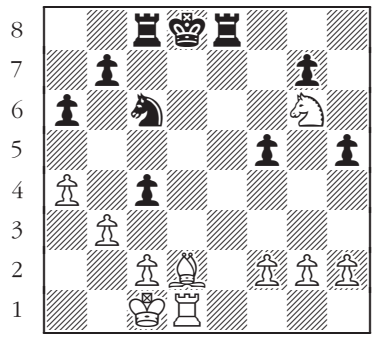

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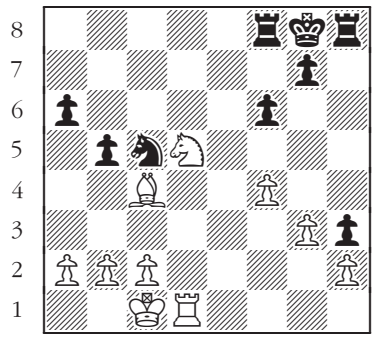

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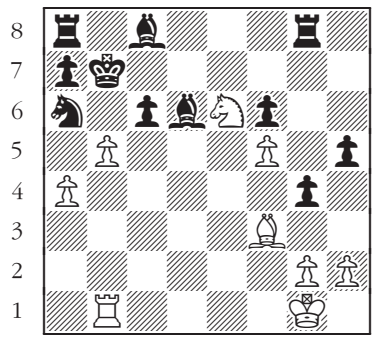

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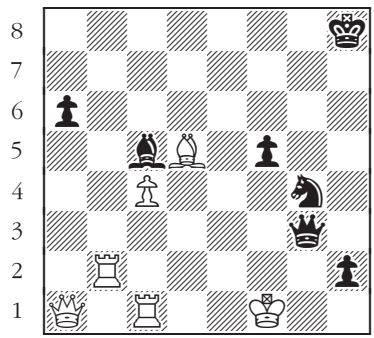
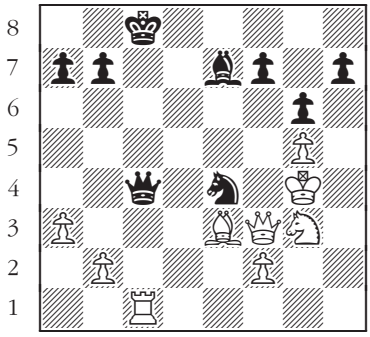


312

Double Check

Black to move.



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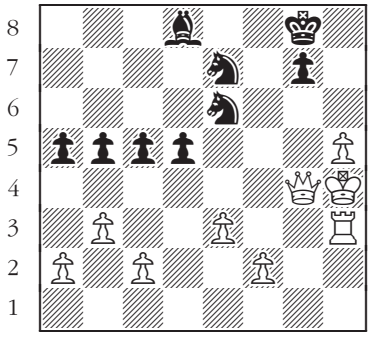

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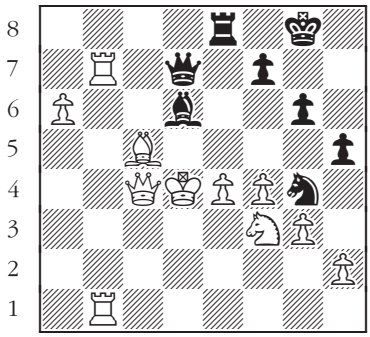

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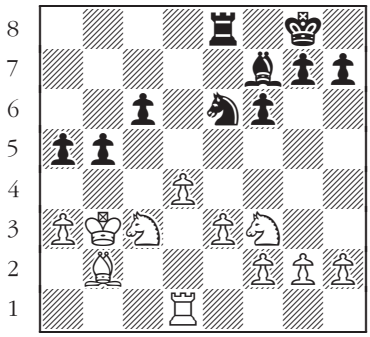

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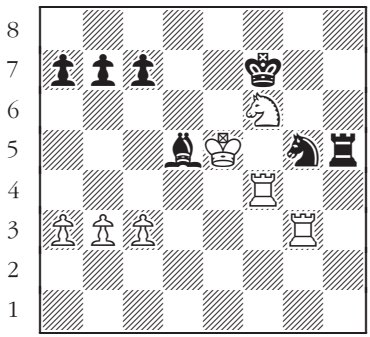

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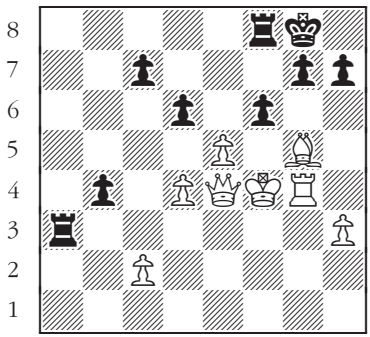
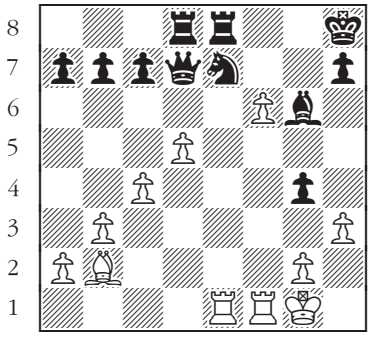


318

Discovered Check

White to move.



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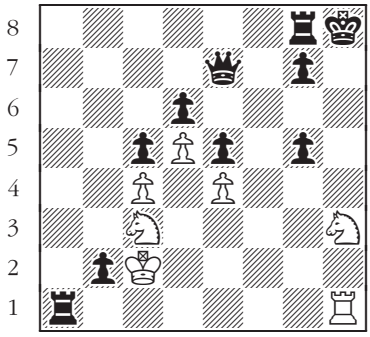

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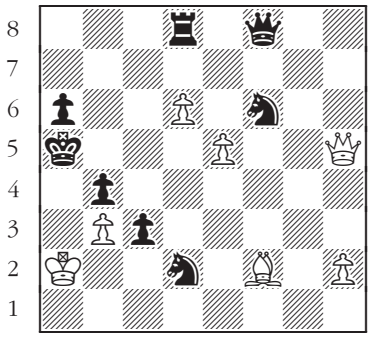

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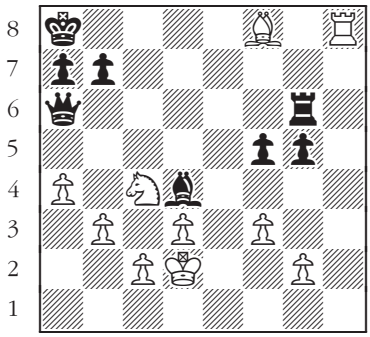

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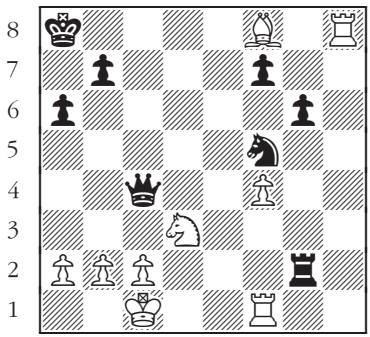

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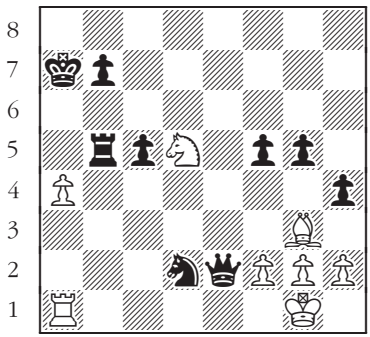
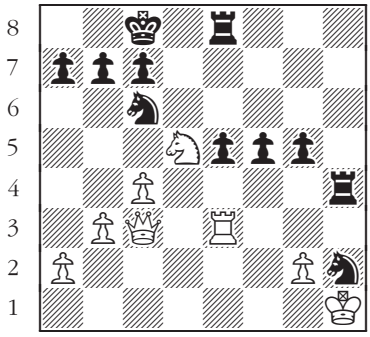


324

Discovered Check

Black to move.



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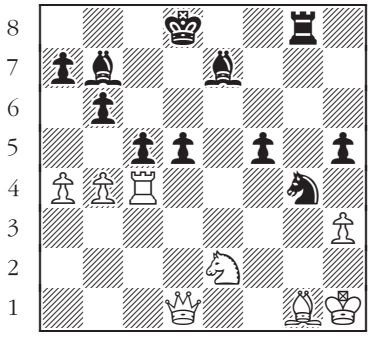

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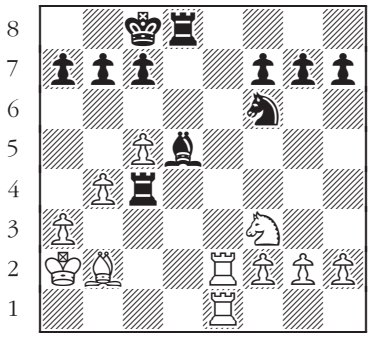

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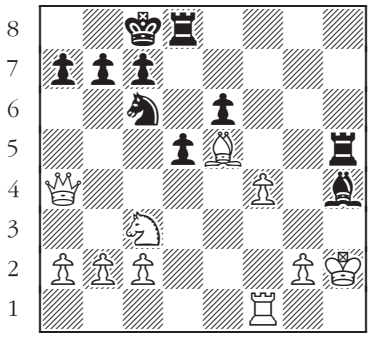

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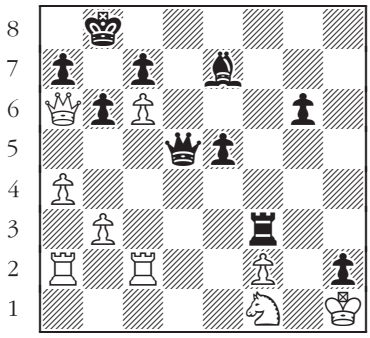

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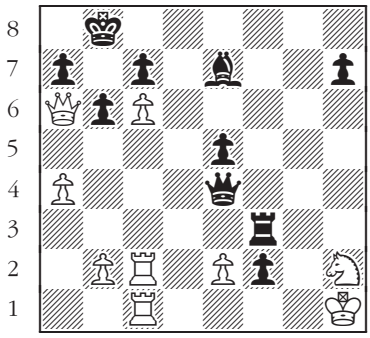
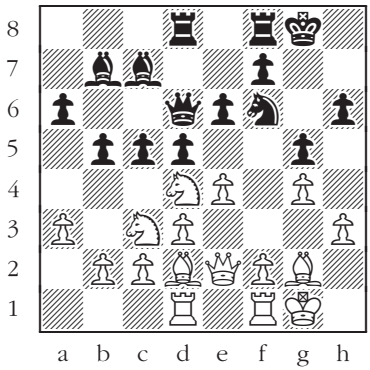


330

Attacking the Kingside Castled Position

Black to move.



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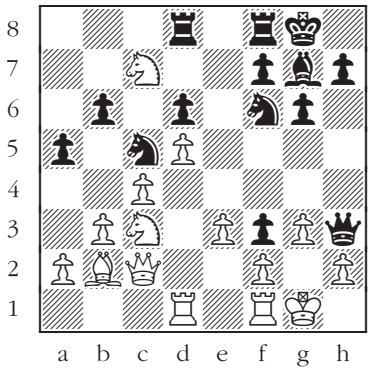

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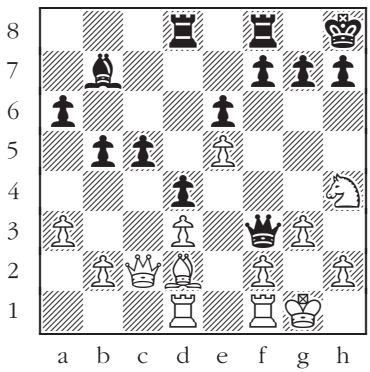

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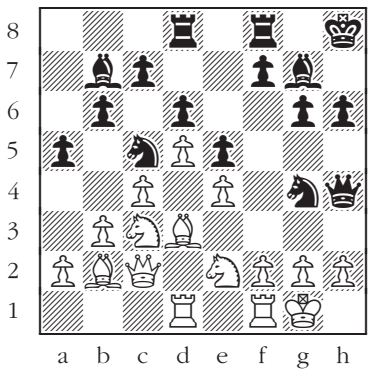

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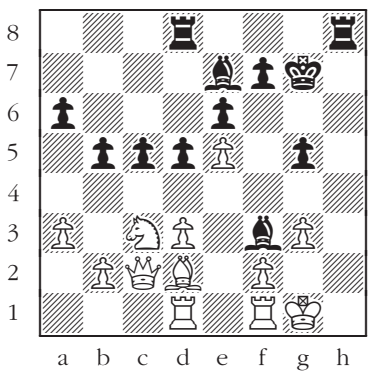

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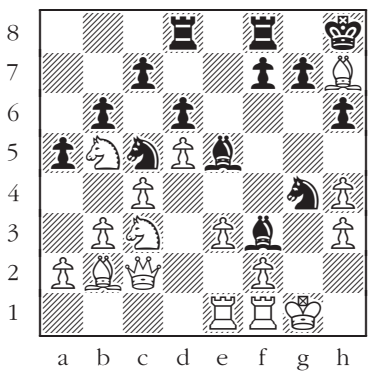
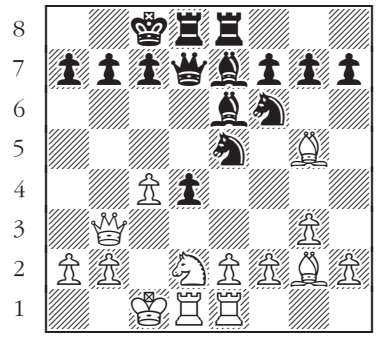


336

Attacking the Queenside Castled Position

White to move.



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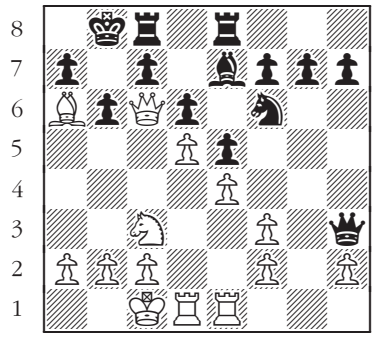

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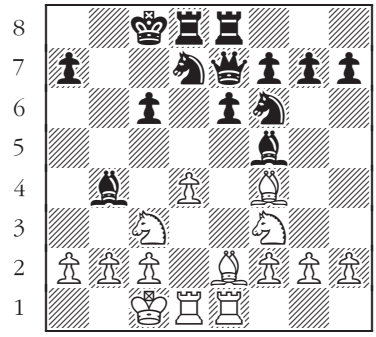

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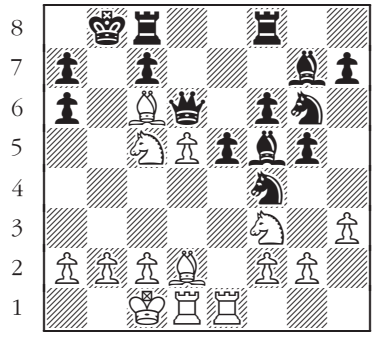

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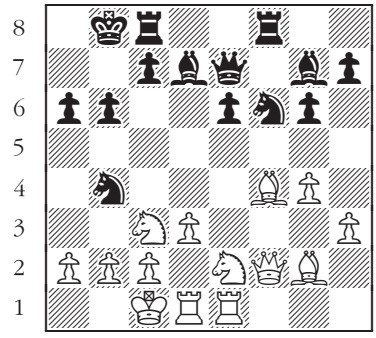

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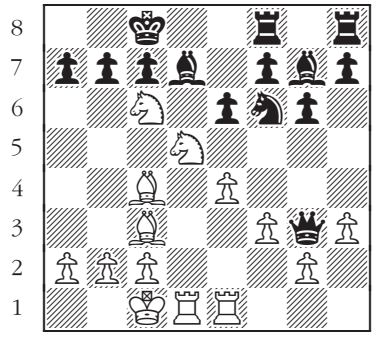
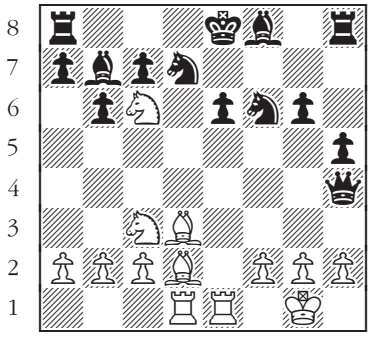


342

Attacking an Uncastled King

White to move.



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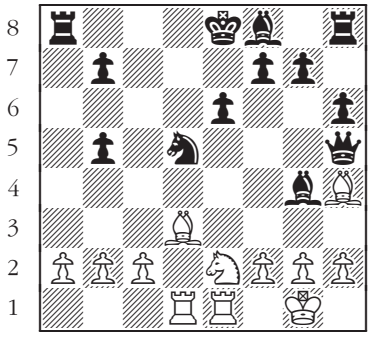

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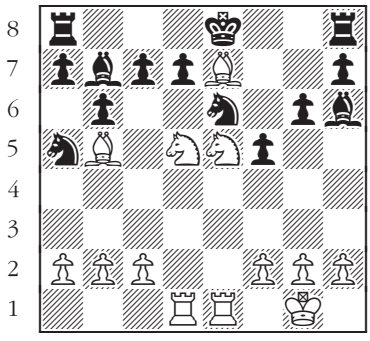

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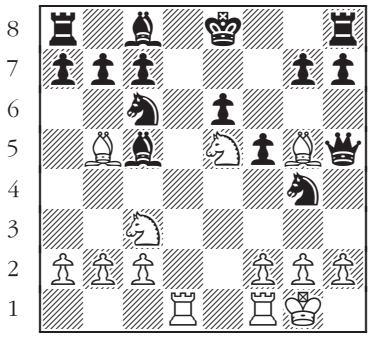

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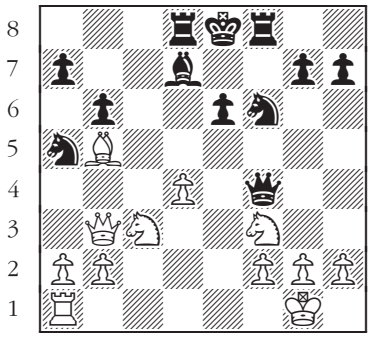

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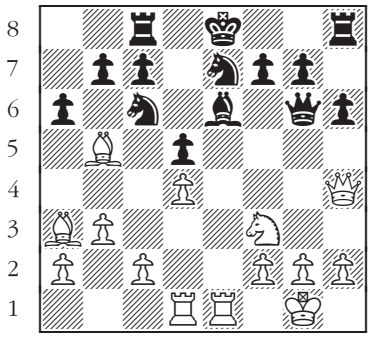
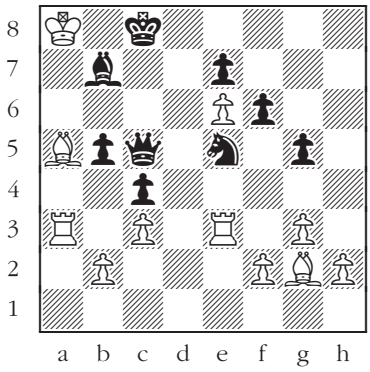


348

Checkmate as a Defense from Check

White to move: Black announced check and thought that it was mate, but White wins.



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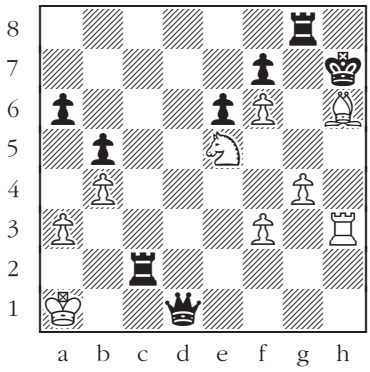

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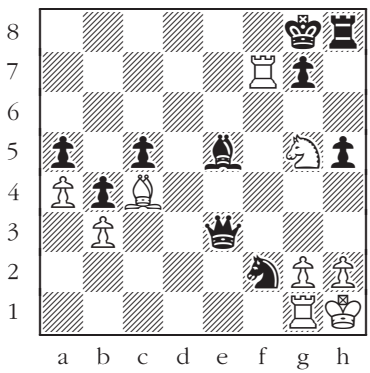

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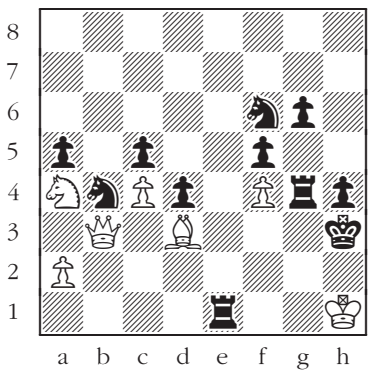

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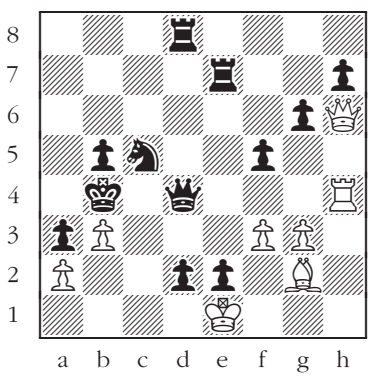

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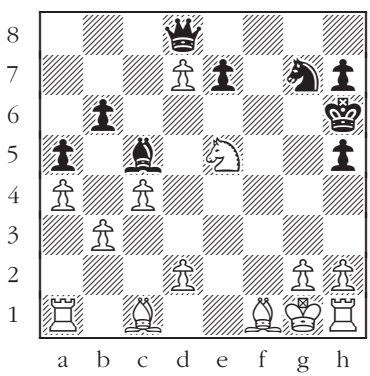
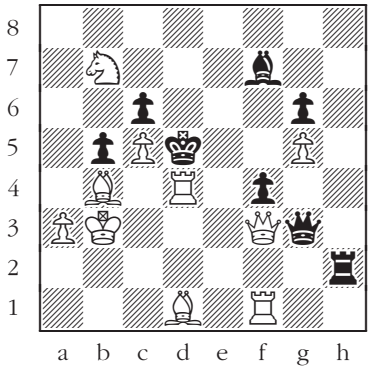


354

Checkmate as a Defense from Double Check

Black to move: White announced double check and thought he would win easily, but Black mates.



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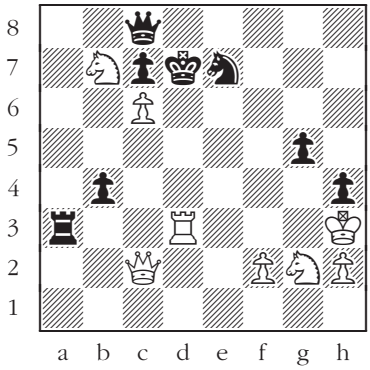

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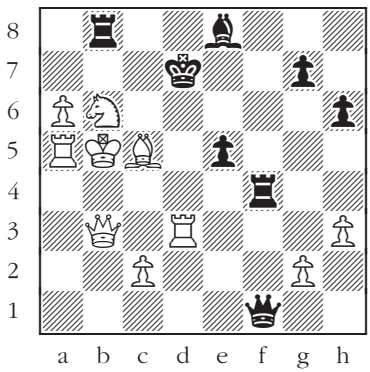

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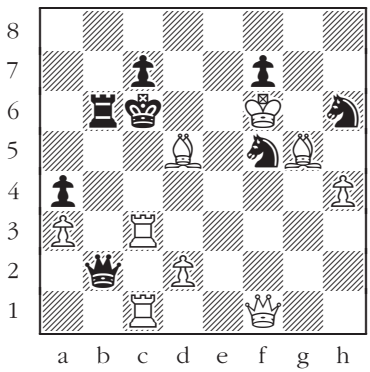

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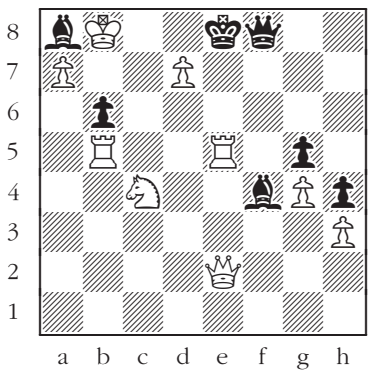

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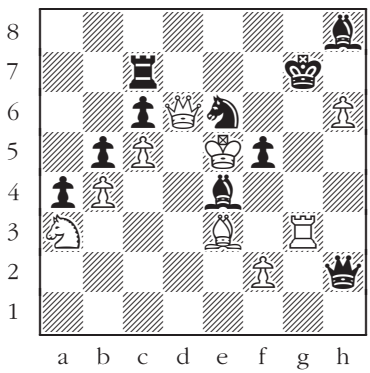
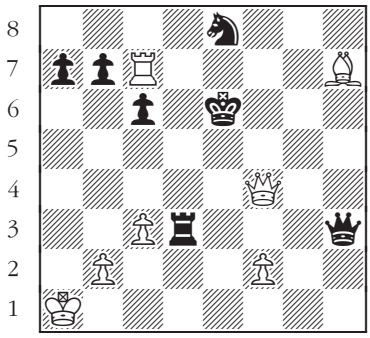


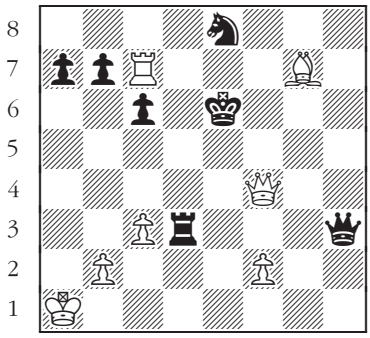
360

Pairs of Positions

The positions are similar but the solutions are different. White to move.



361



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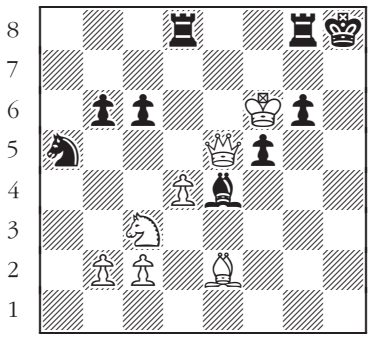

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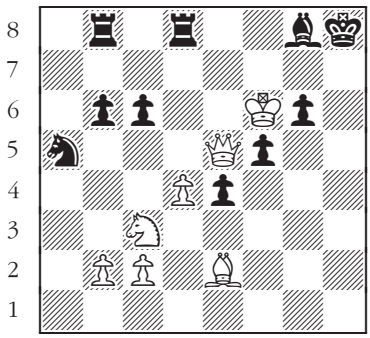

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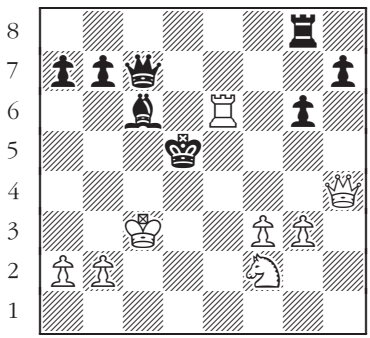

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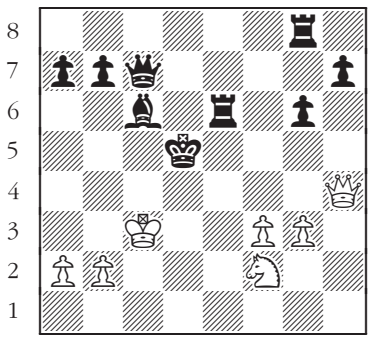
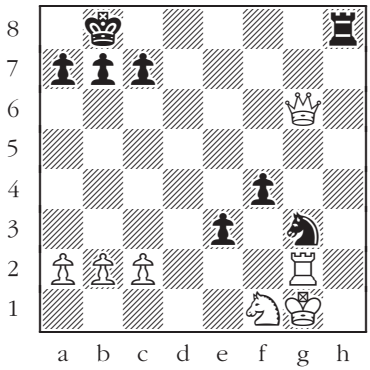


366

Pairs of Positions

The positions are similar but the solutions are different. Black to move.



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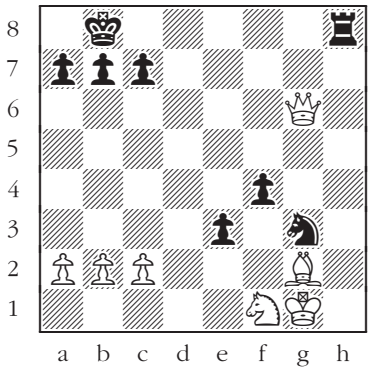

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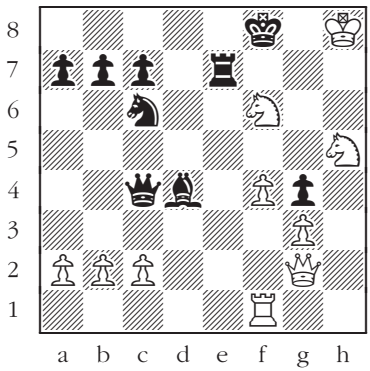

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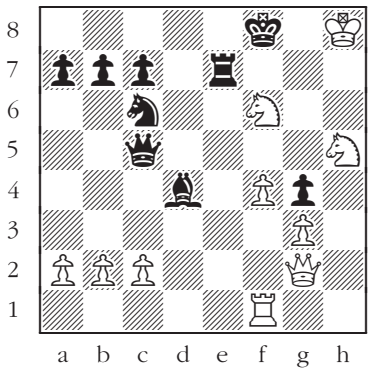

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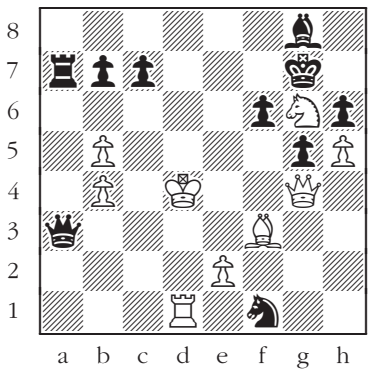

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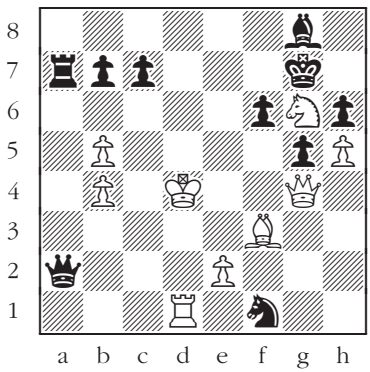
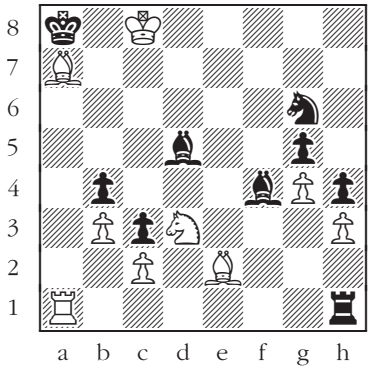


372

Pairs of Positions

The positions are similar but the solutions are different. White to move.



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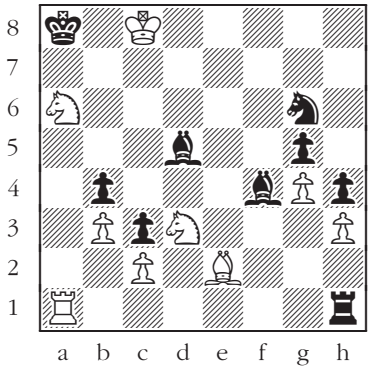

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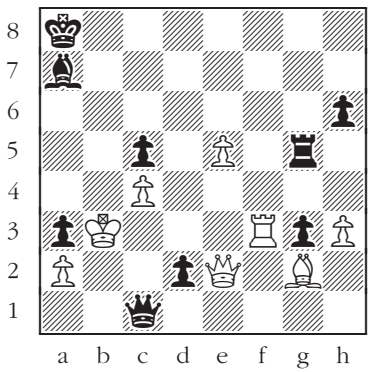

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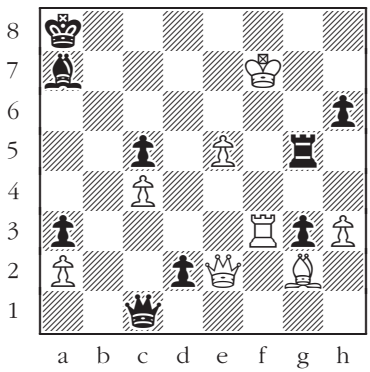

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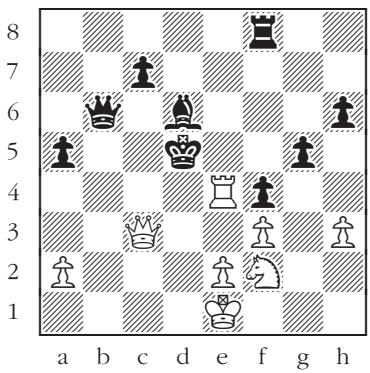

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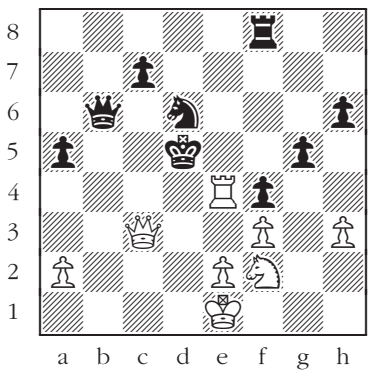
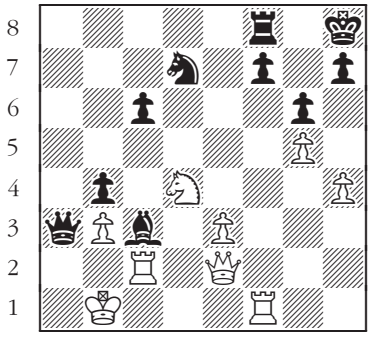


378

Pairs of Positions

The positions are similar but the solutions are different. Black to move.



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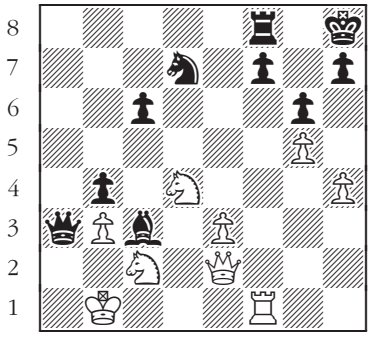

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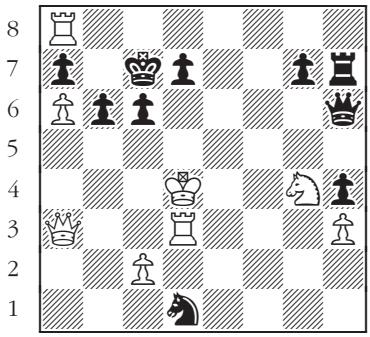

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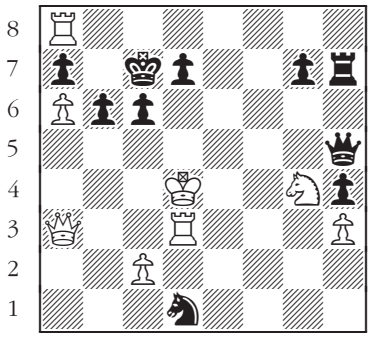

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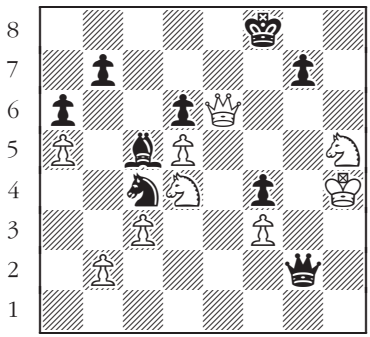

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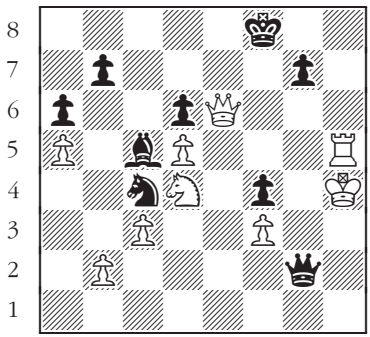
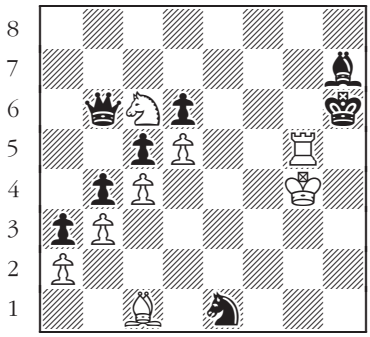


384

Pairs of Positions

The positions are similar but the solutions are different. White to move.



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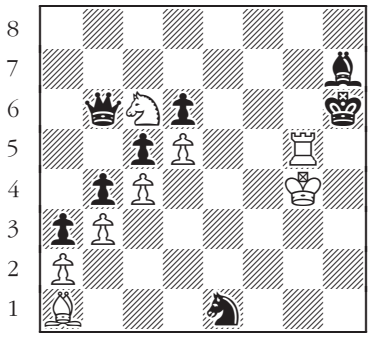

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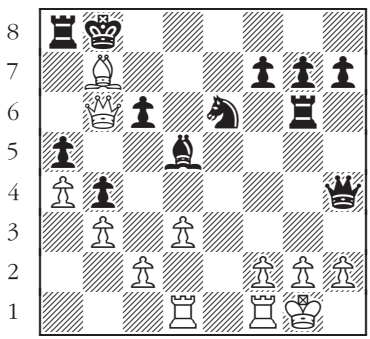

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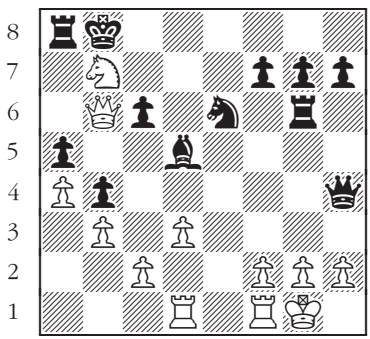

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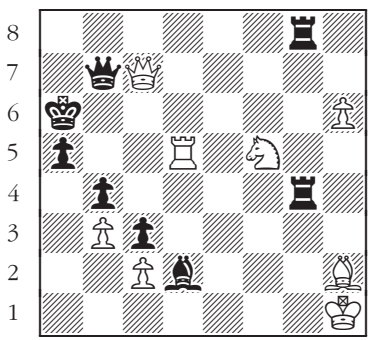

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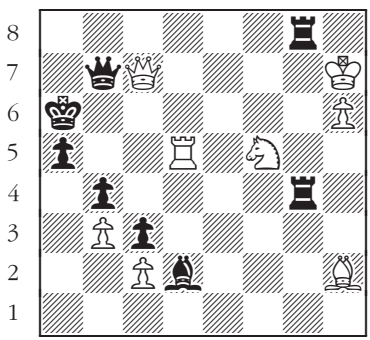
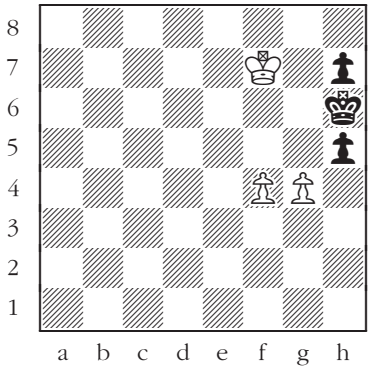


390

Mate in One in the Ending

Pawn Endings

White to move.



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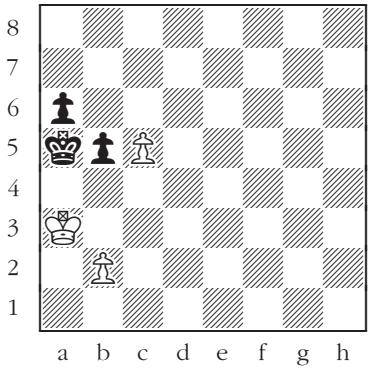

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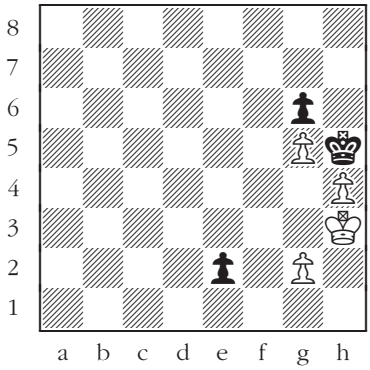

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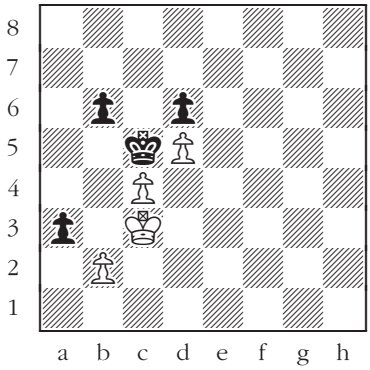

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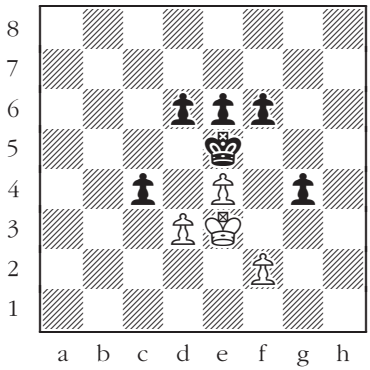

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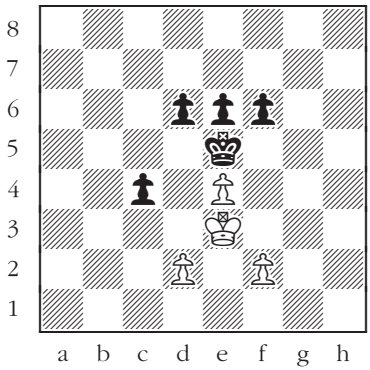
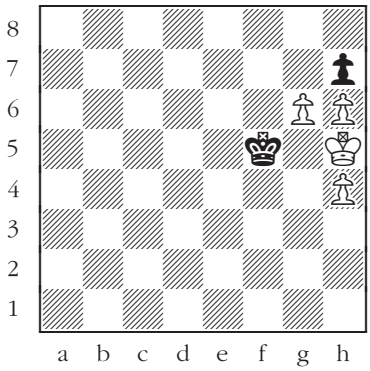


396

Pawn Endings

Black to move.



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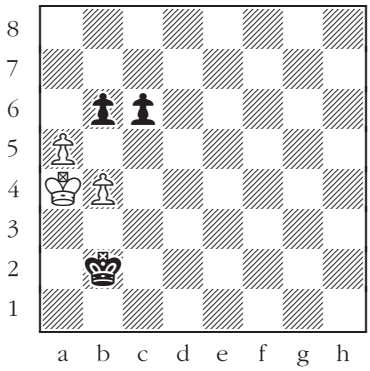

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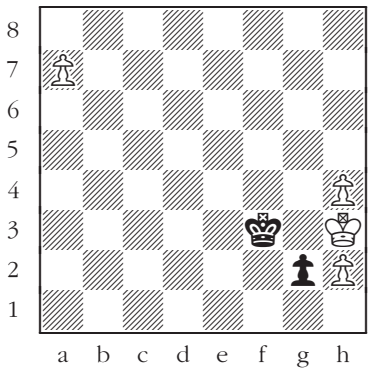

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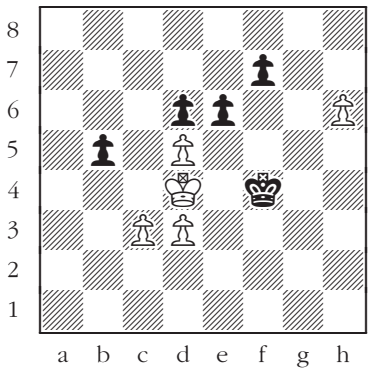

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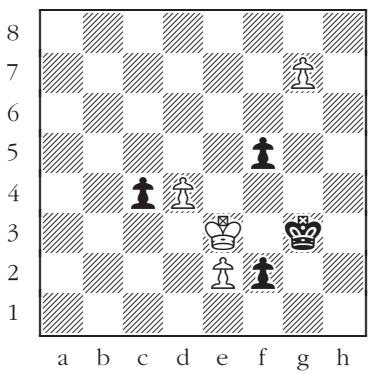

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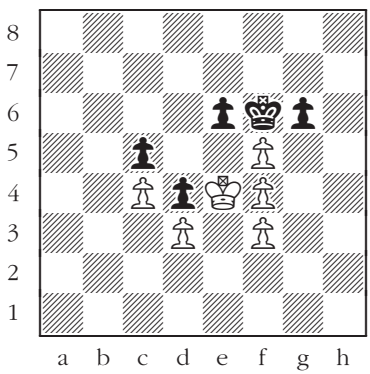
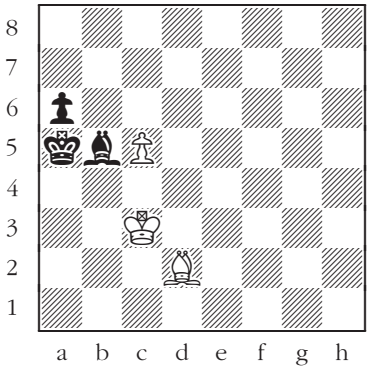


402

Minor-Piece Endings

Bishop Endings

White to move.



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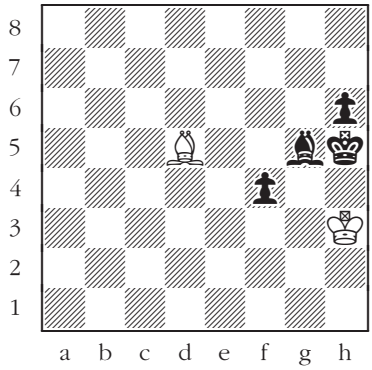

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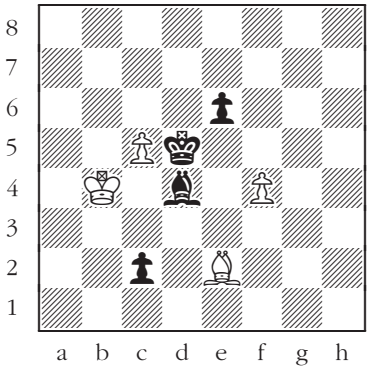

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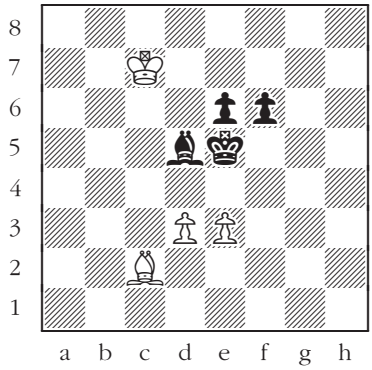

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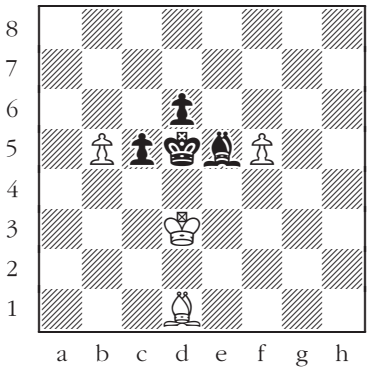

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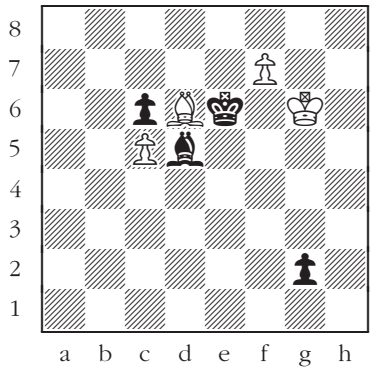
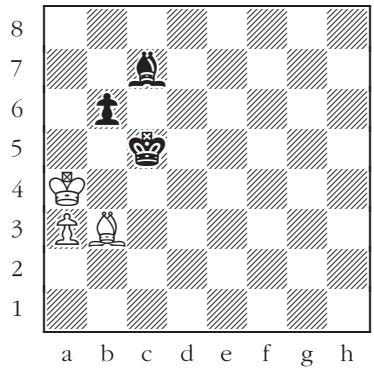


408

Bishop Endings

Black to move.



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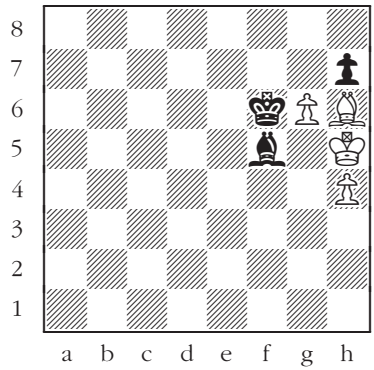

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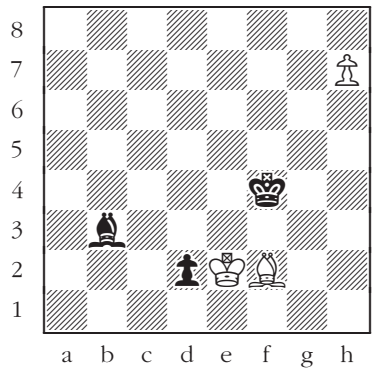

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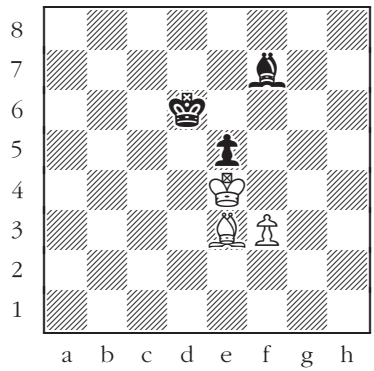

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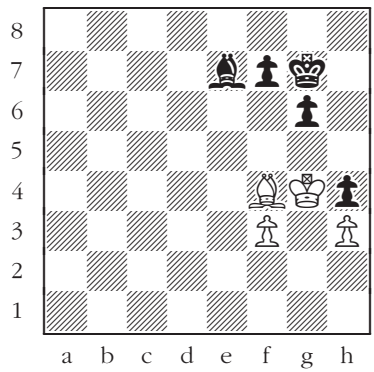

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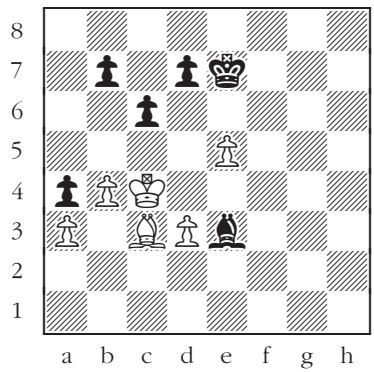
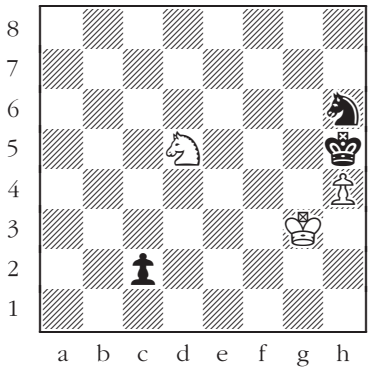


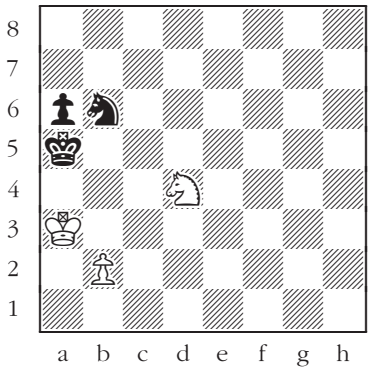
414

Knight Endings

White to move.



415



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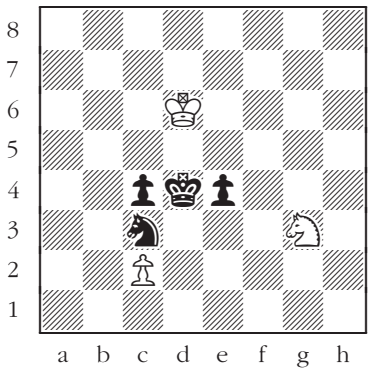

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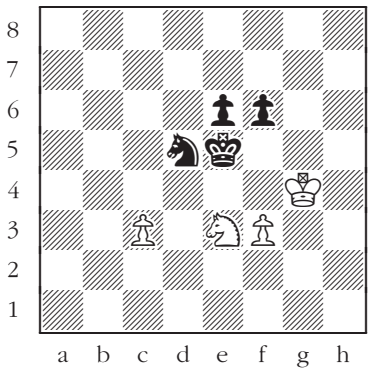

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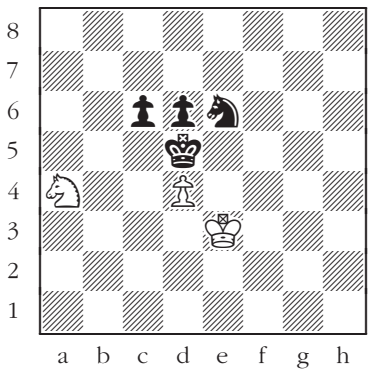

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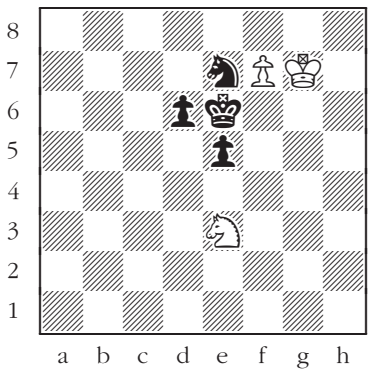
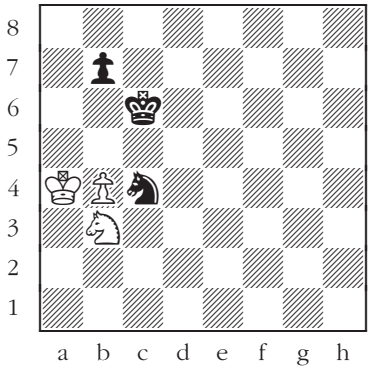


420

Knight Endings

Black to move.



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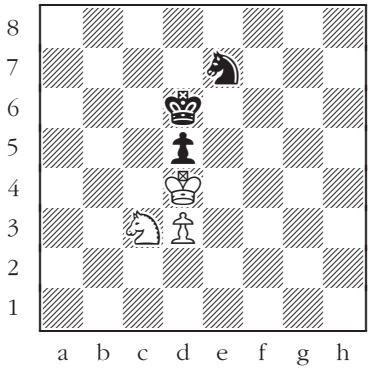

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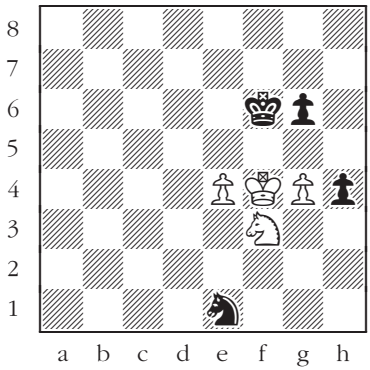

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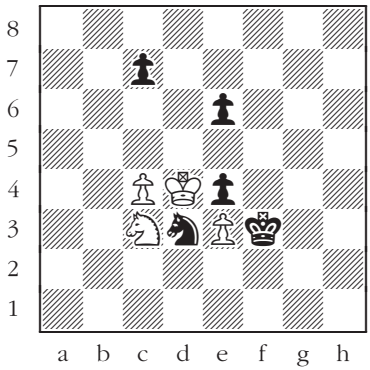

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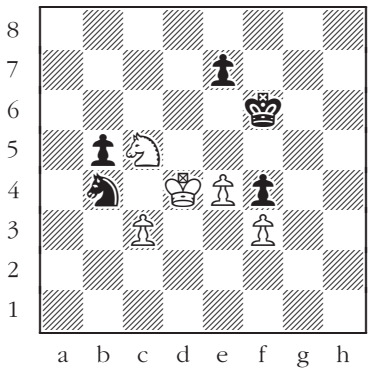

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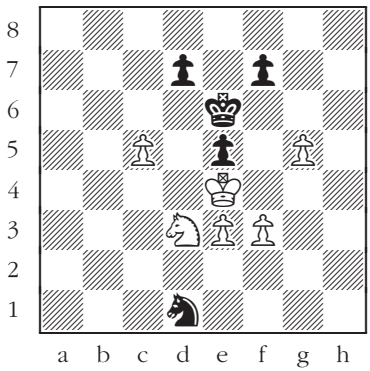
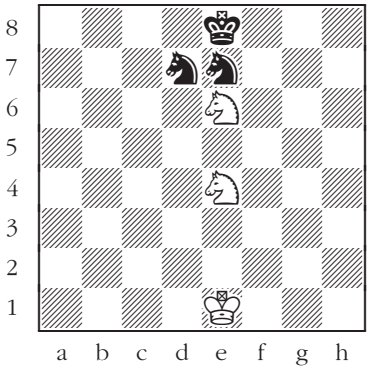


426

Four Knights

White to move.



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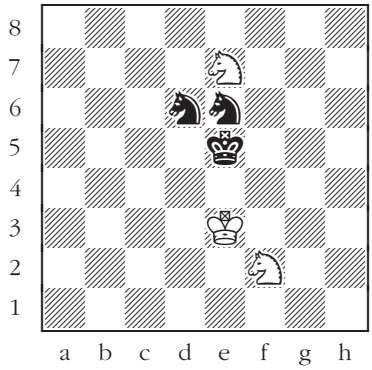

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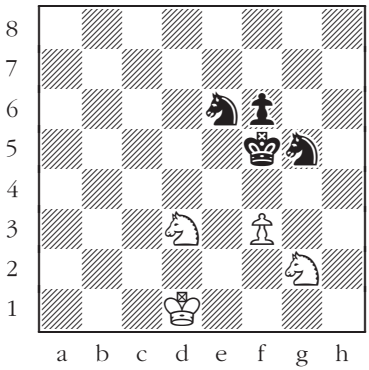

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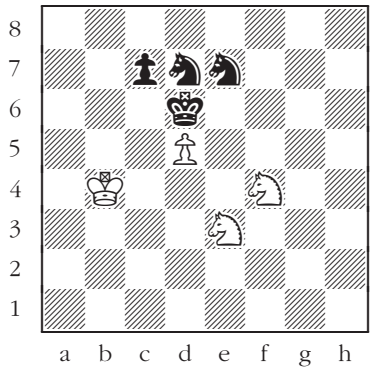

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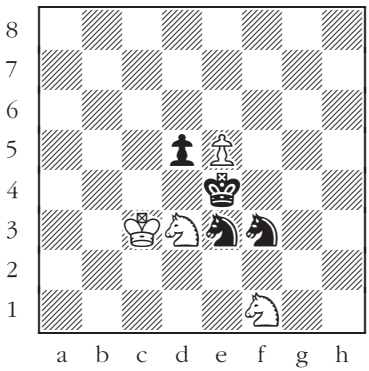

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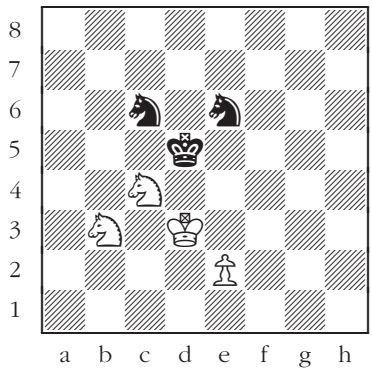
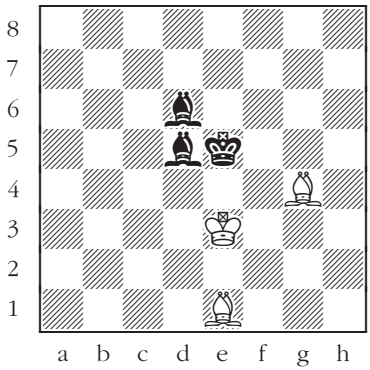


432

Four Bishops

White to move.



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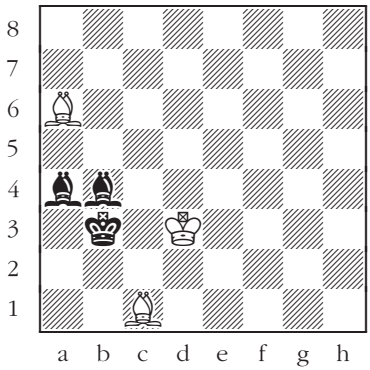

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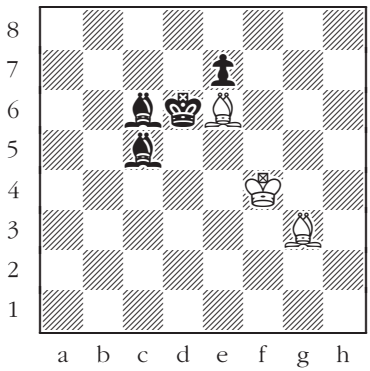

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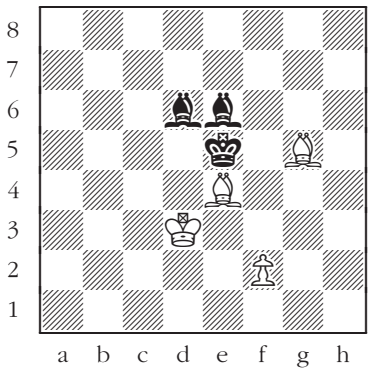

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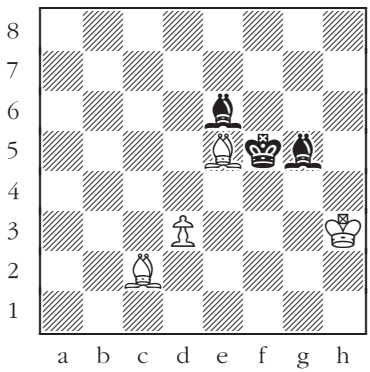

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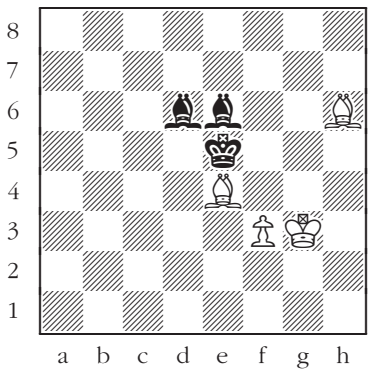
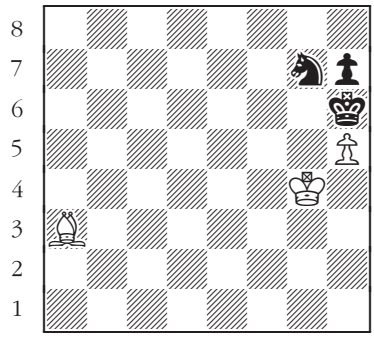


438

Bishop vs. Knight

White to move.



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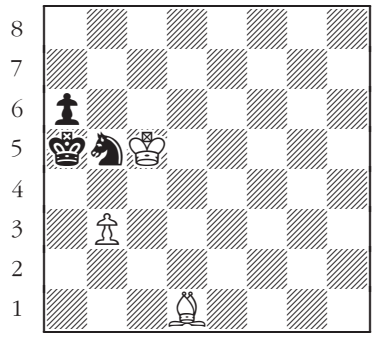

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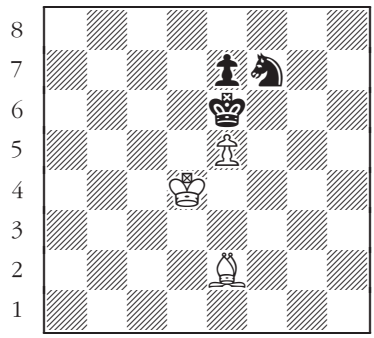

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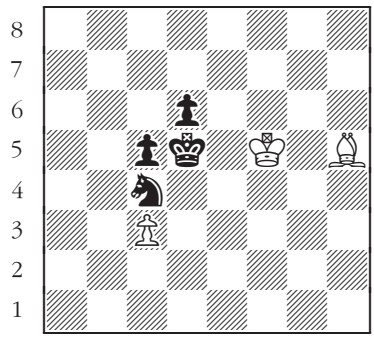

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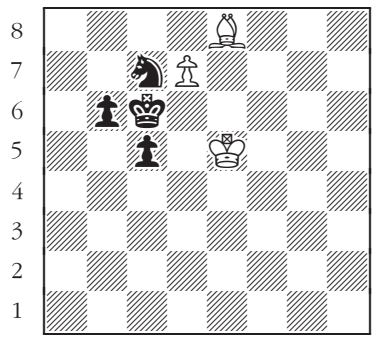

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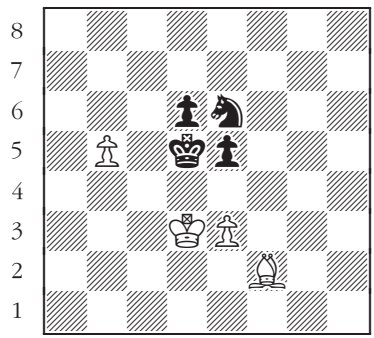
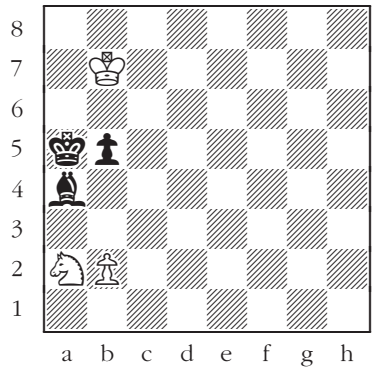


444

Knight vs. Bishop

White to move.



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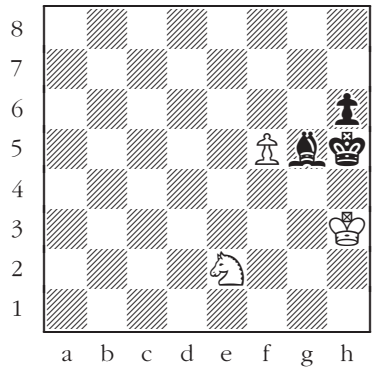

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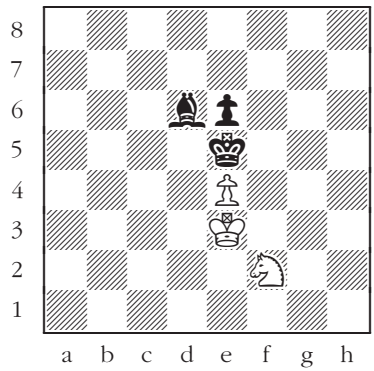

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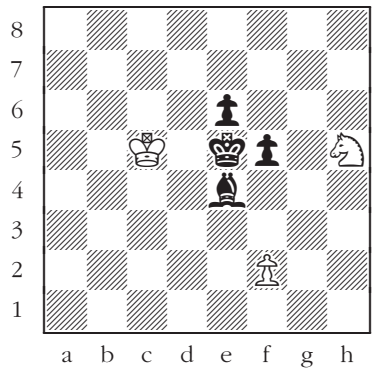

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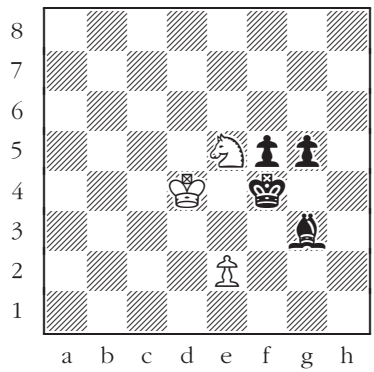

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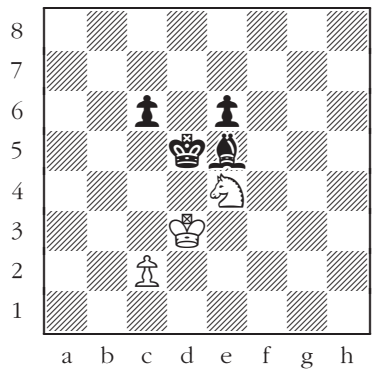
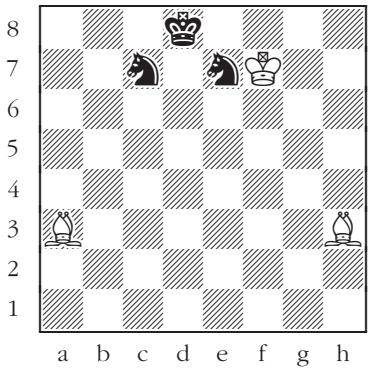


450

Two Bishops vs. Two Knights

White to move.



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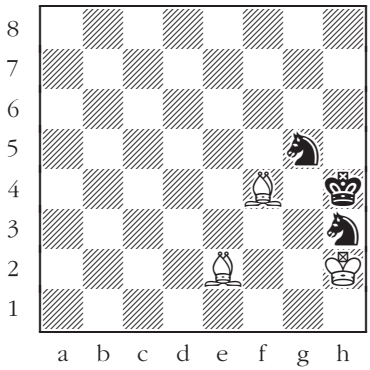

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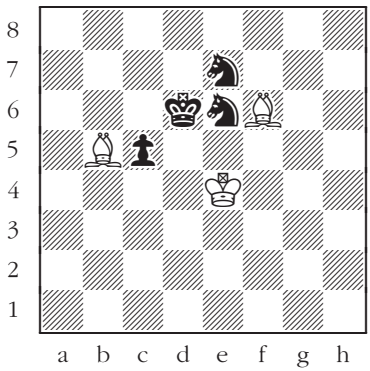

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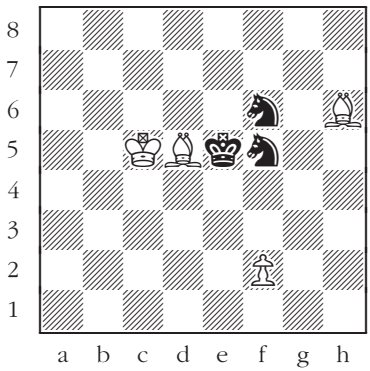

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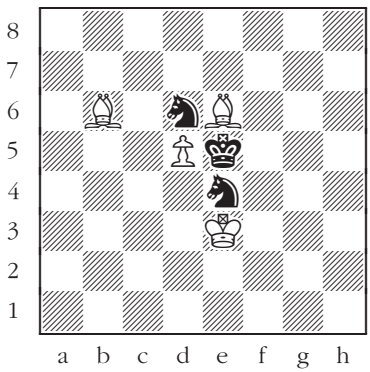

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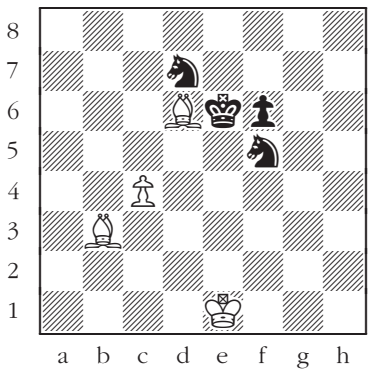
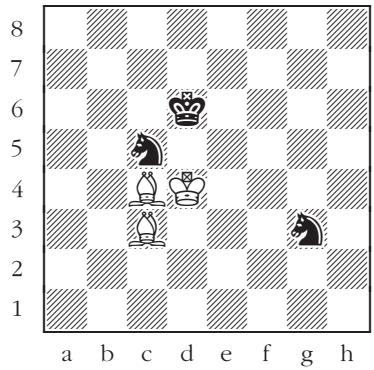


456

Two Knights vs. Two Bishops

Black to move.



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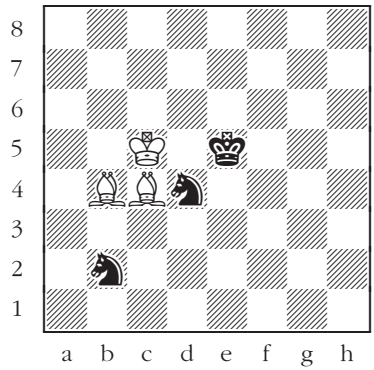

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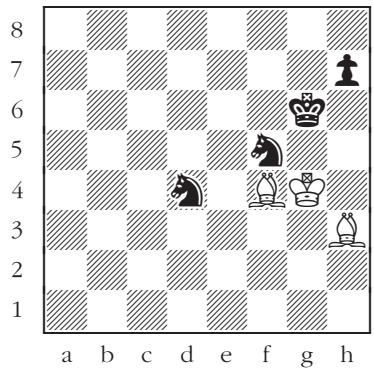

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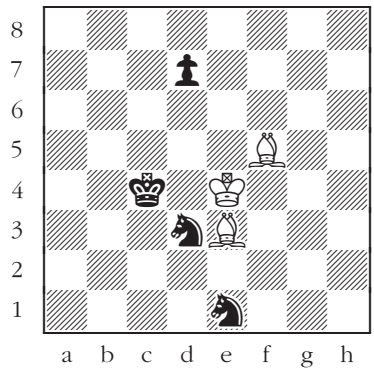

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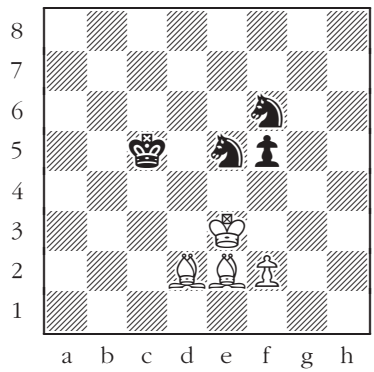

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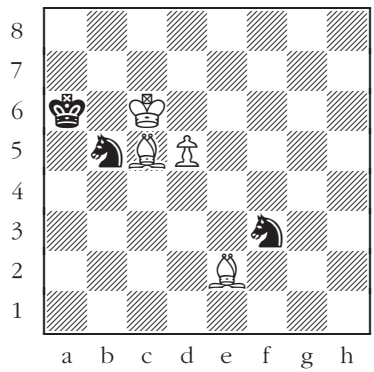
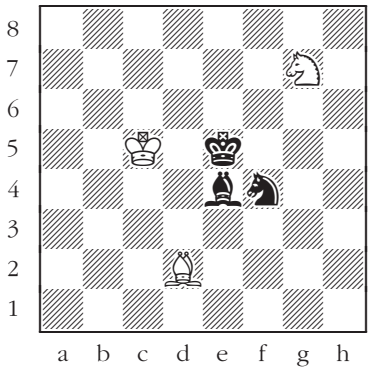


462

Bishop and Knight vs. Bishop and Knight

White to move.



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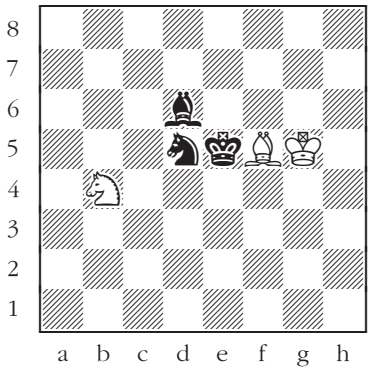

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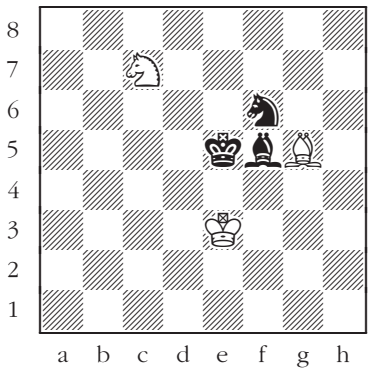

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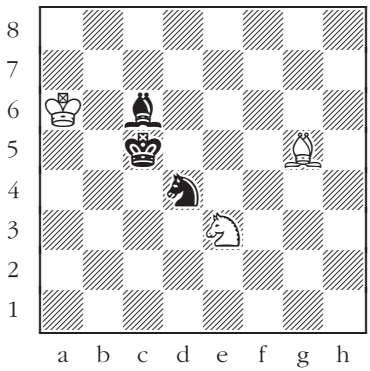

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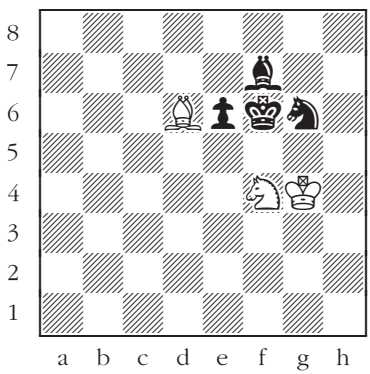

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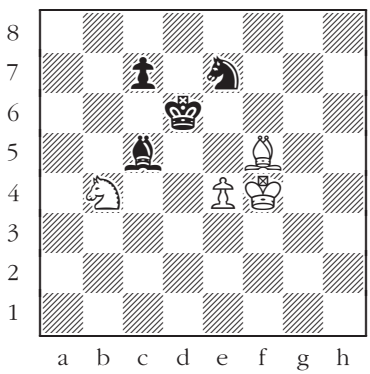
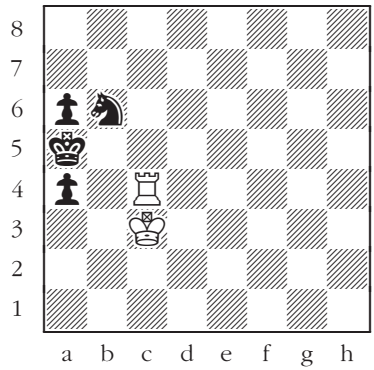


468

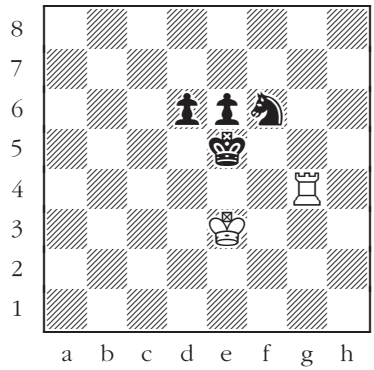
Major Piece vs. Minor Piece

Rook vs. Knight

White to move.



469



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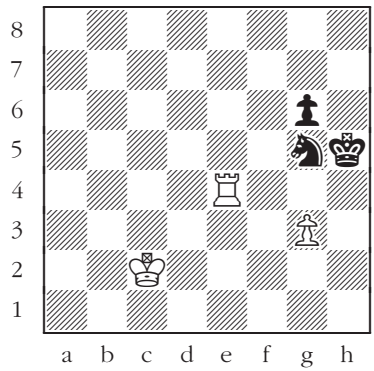

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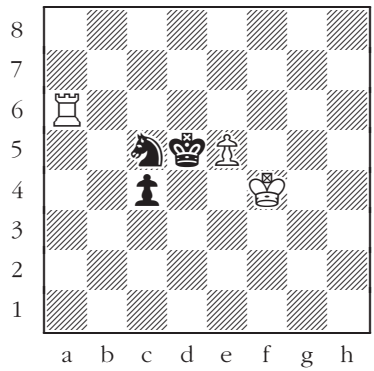

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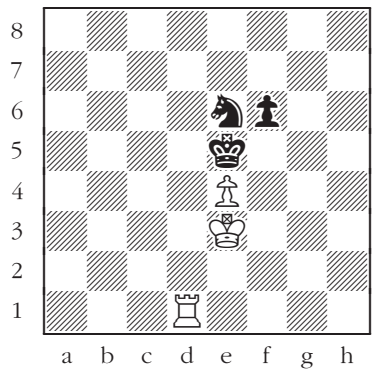

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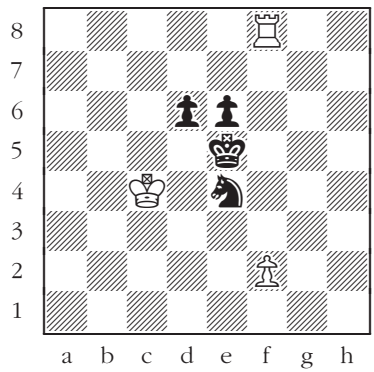
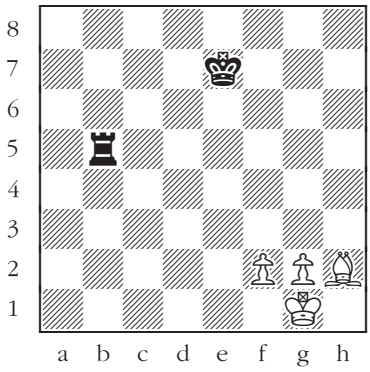


474

Rook vs. Bishop

Black to move.



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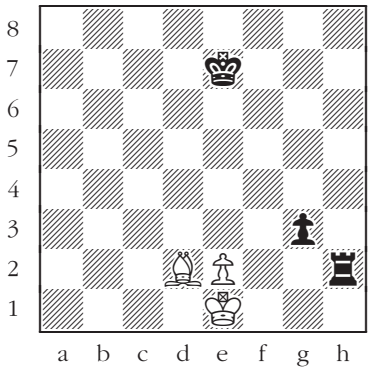

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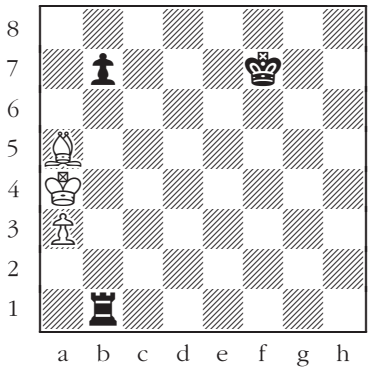

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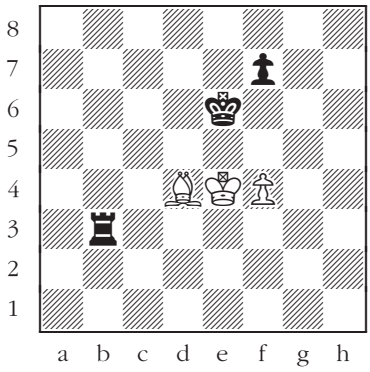

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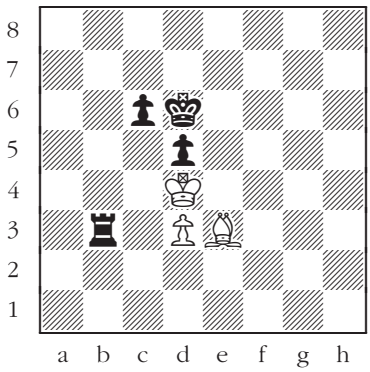

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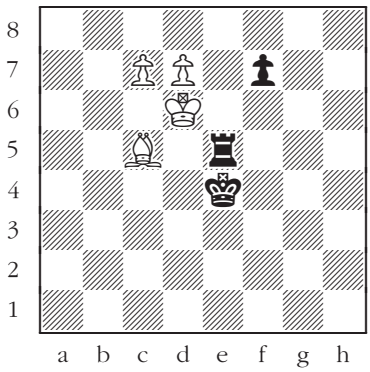
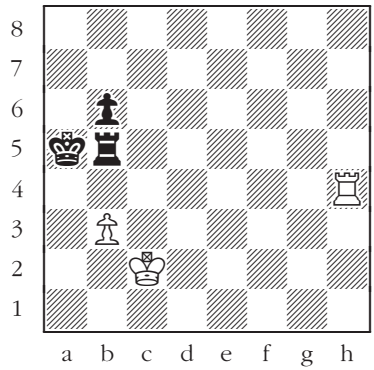


480

Major-Piece Endings

Rook Endings

White to move.



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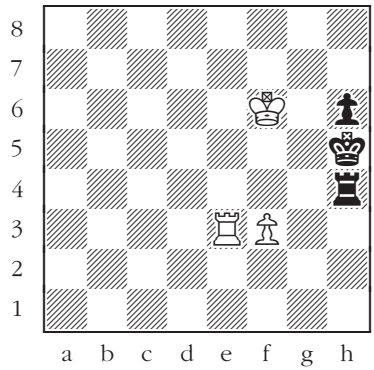

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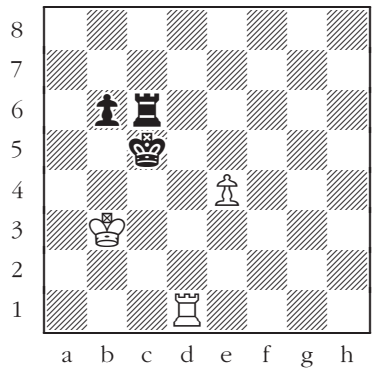

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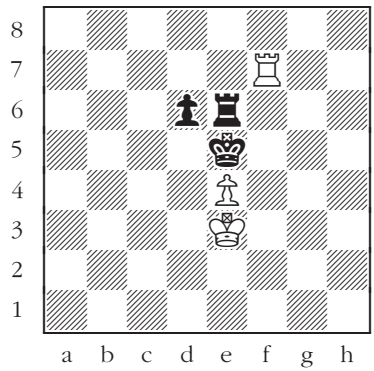

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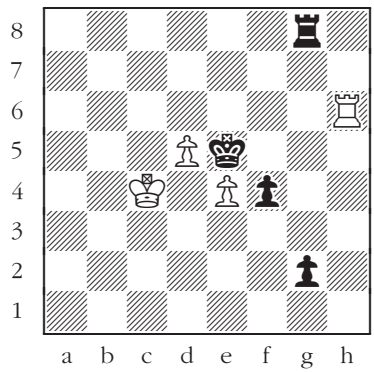

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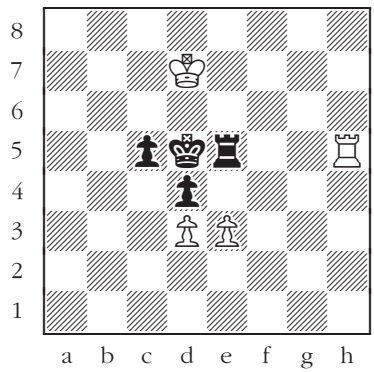
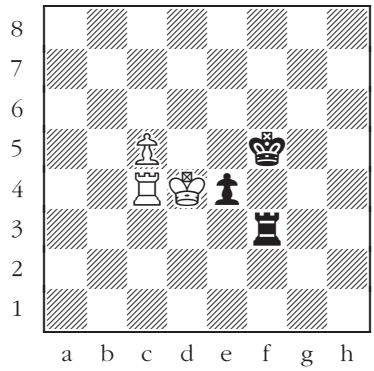


486

Rook Endings

Black to move.



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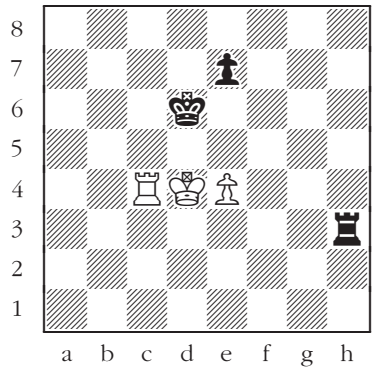

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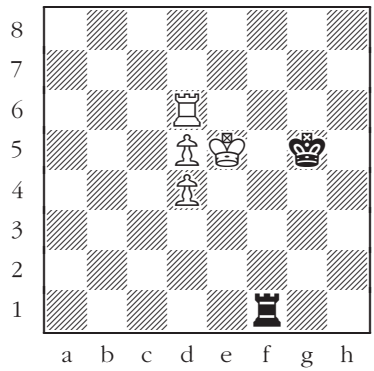

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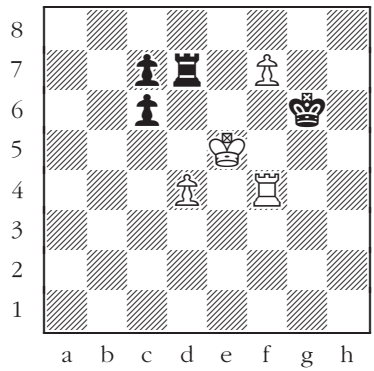

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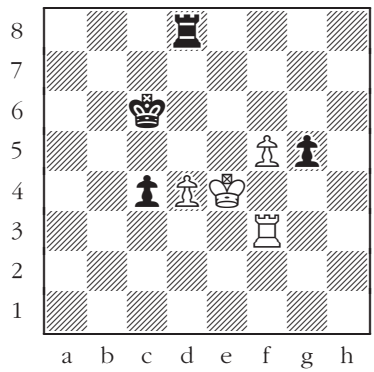

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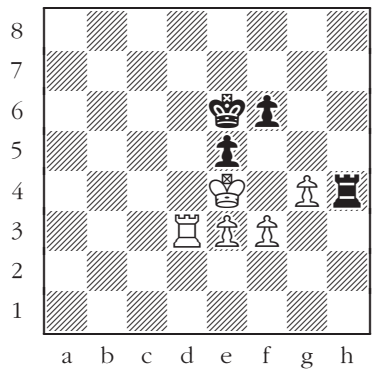
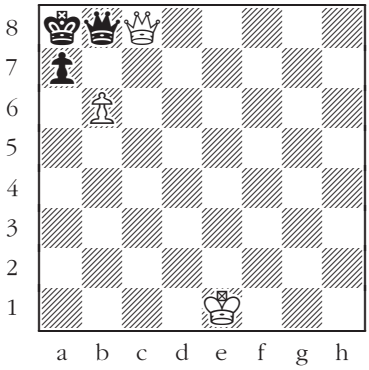


492

Queen Endings

White to move.



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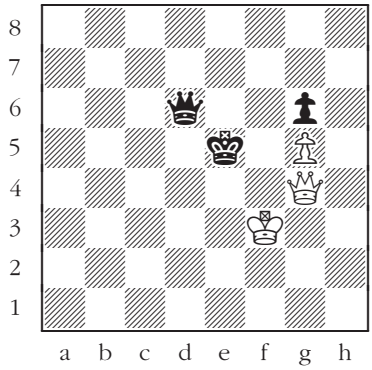

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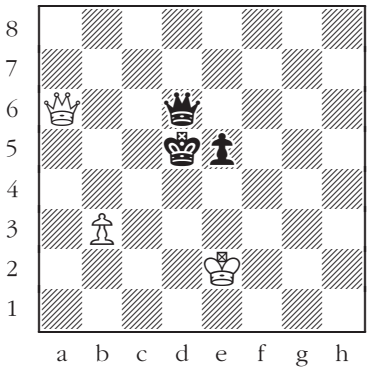

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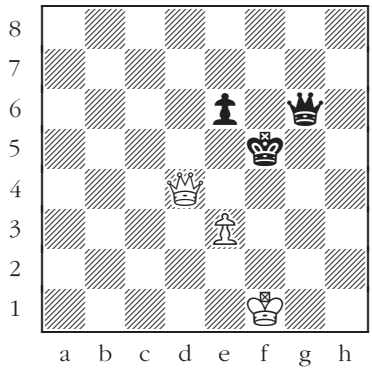

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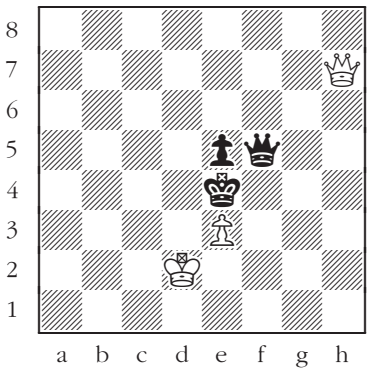

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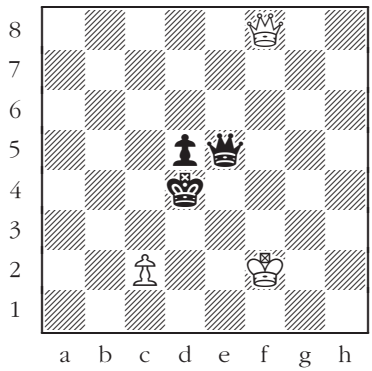
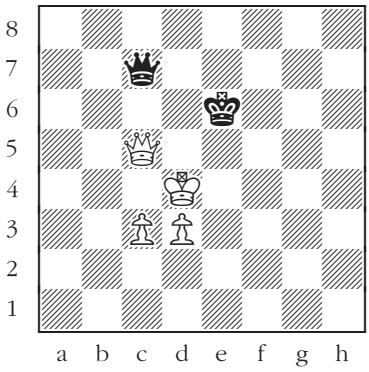


498

Queen Endings

Black to move.



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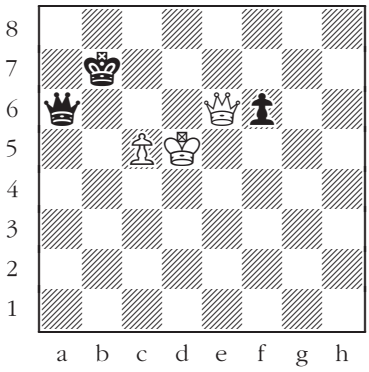

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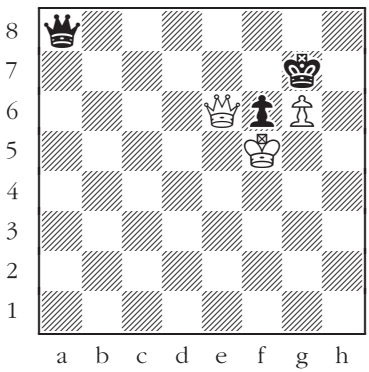

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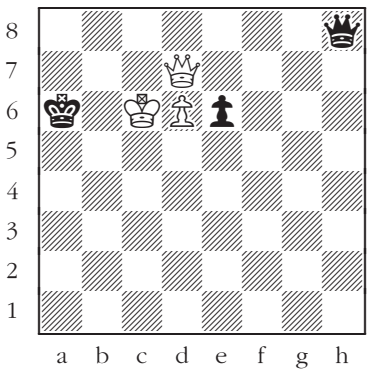

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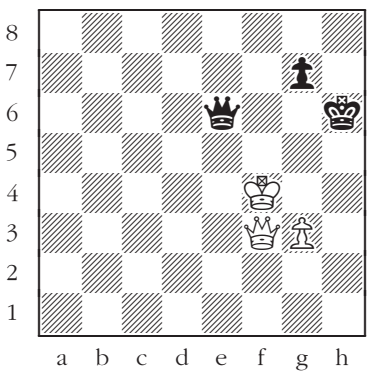

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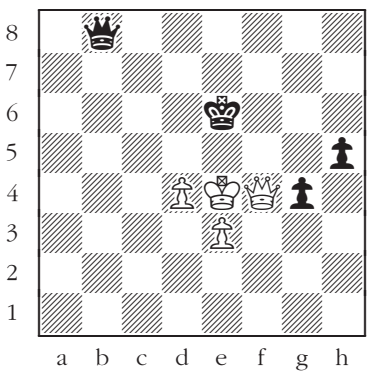
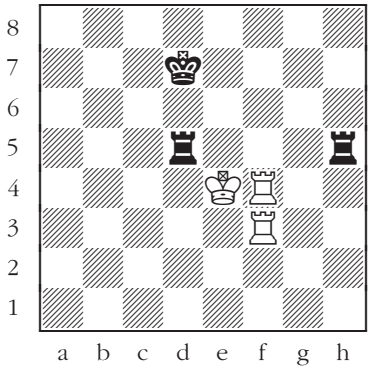


504

Four Rooks

Black to move.



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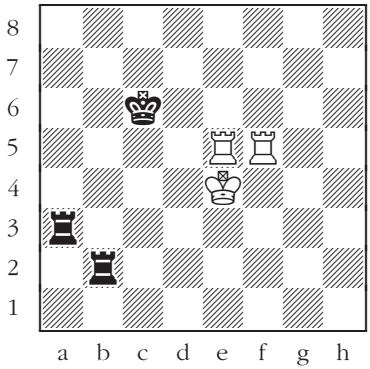

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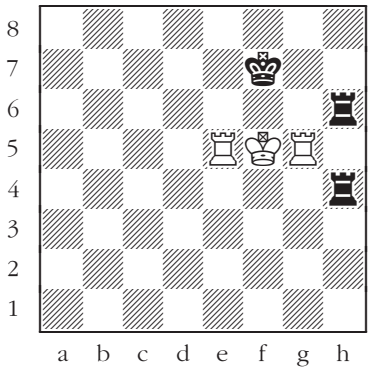

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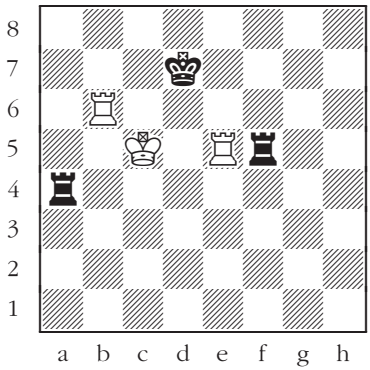

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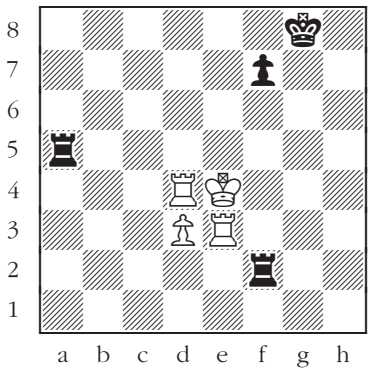

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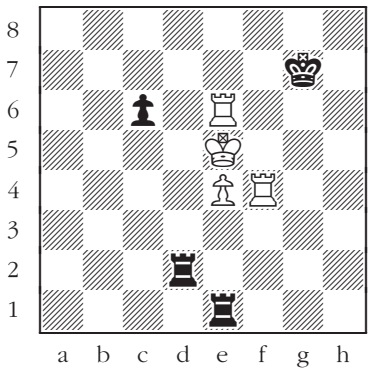
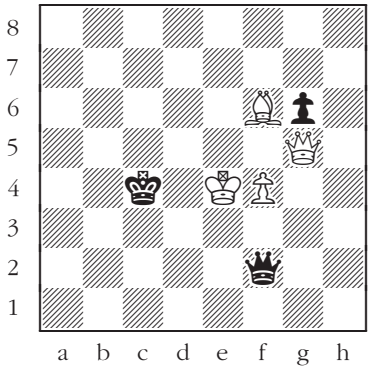


510

Pairs of Positions

The positions are similar but the solutions are different. Black to move.



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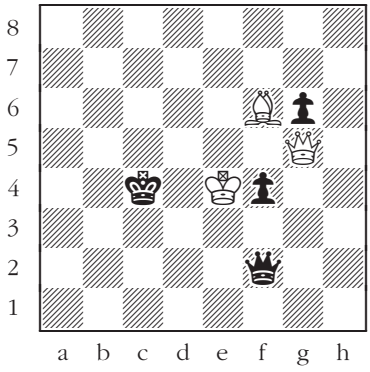

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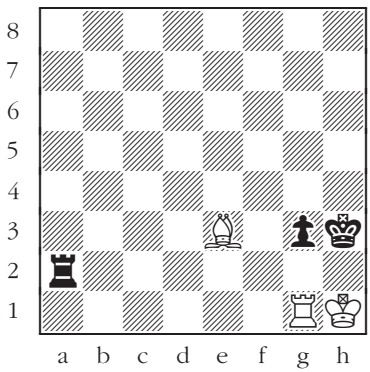

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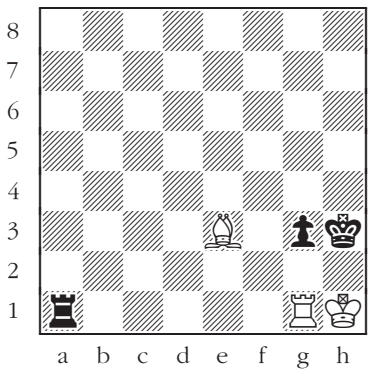

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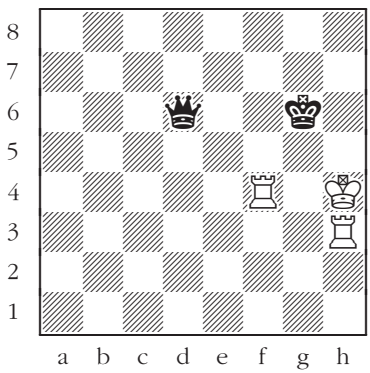

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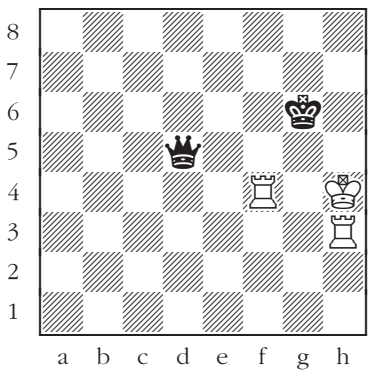
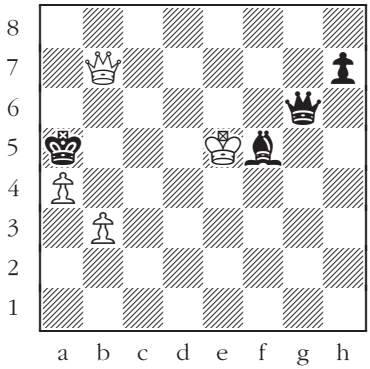


516

Pairs of Positions

The positions are similar but the solutions are different. White to move.



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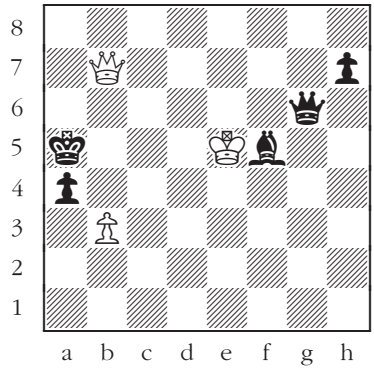

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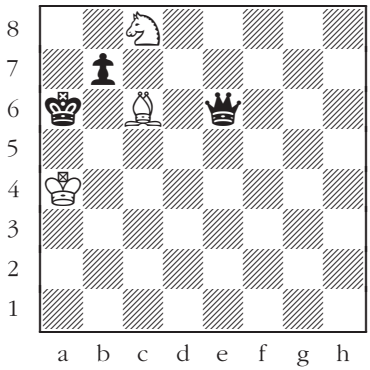

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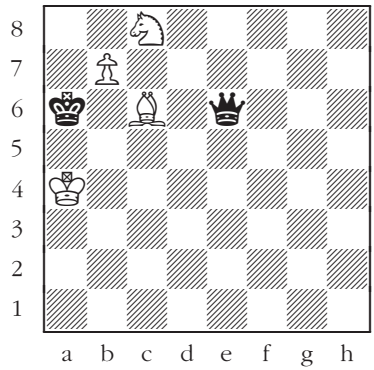

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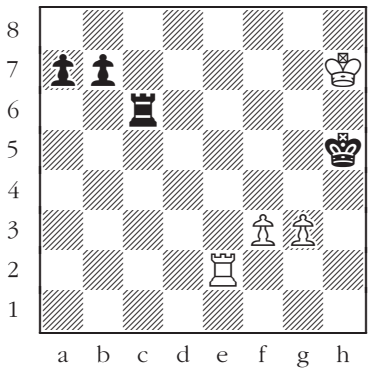

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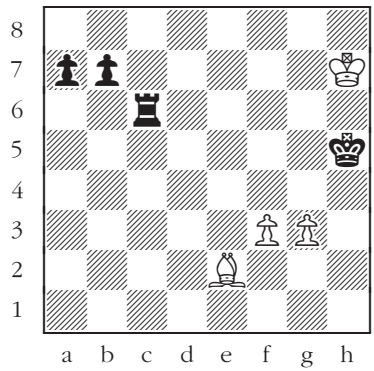
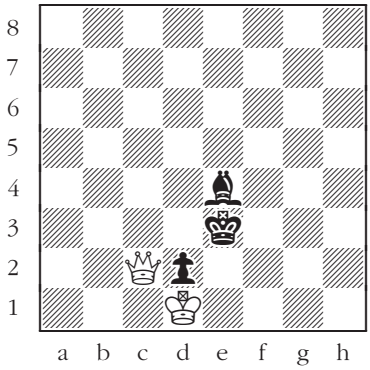


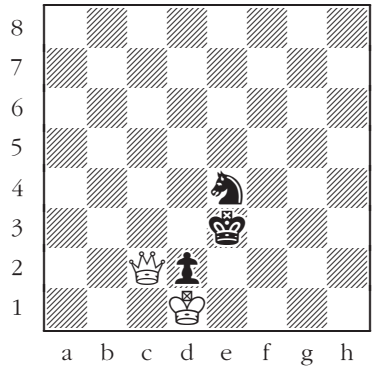
522

Pairs of Positions

The positions are similar but the solutions are different. Black to move.



523



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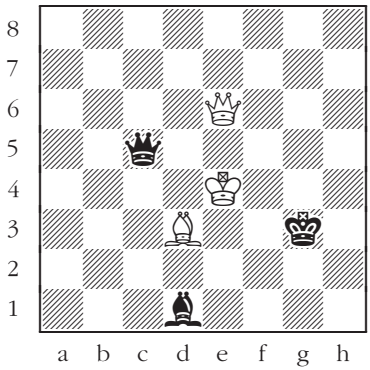

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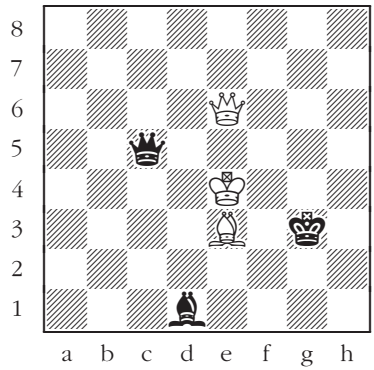

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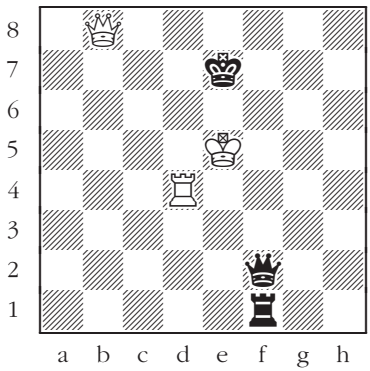

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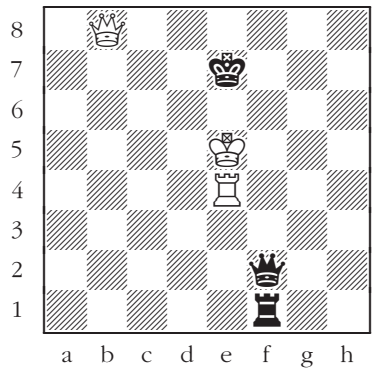
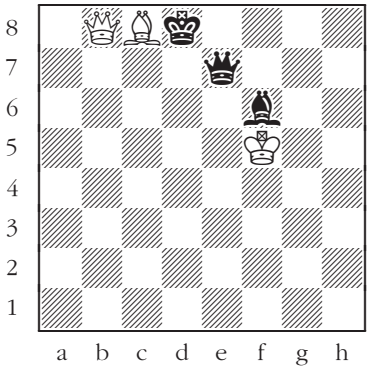


528

Pairs of Positions

The positions are similar but the solutions are different. White to move.



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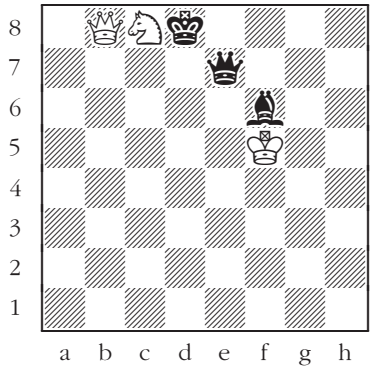

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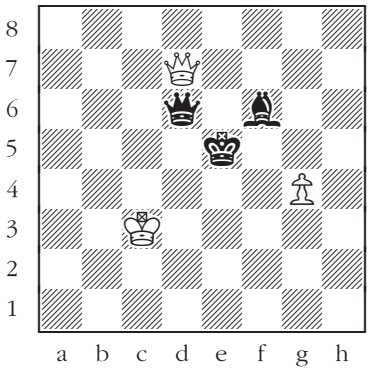

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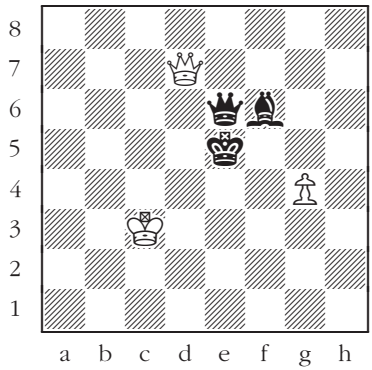

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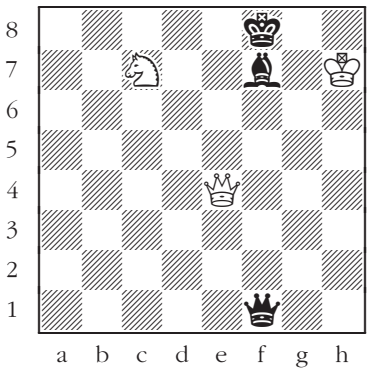

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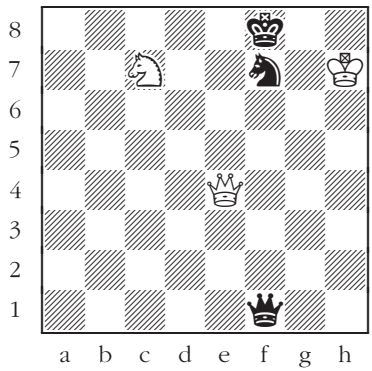
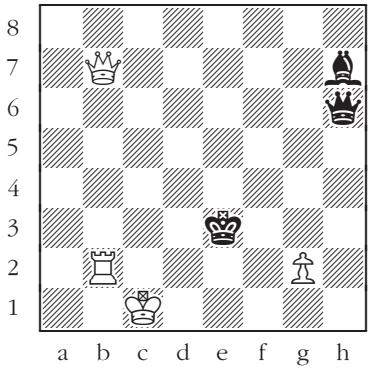


534

Pairs of Positions

The positions are similar but the solutions are different. Black to move.



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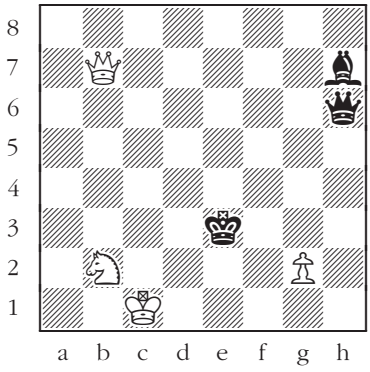

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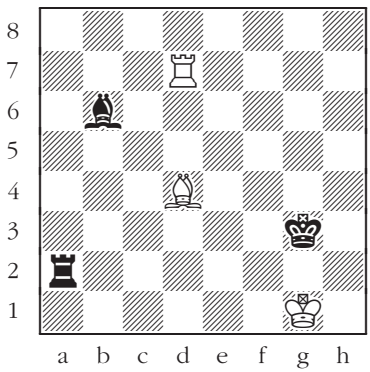

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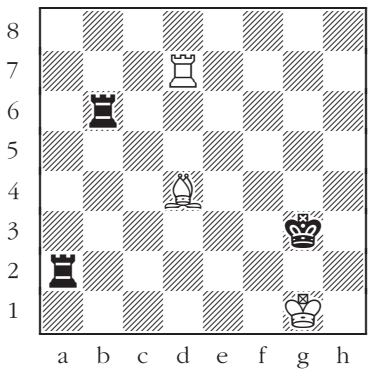

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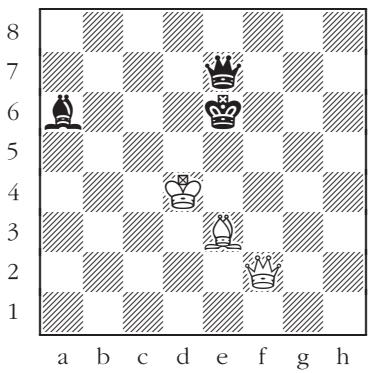

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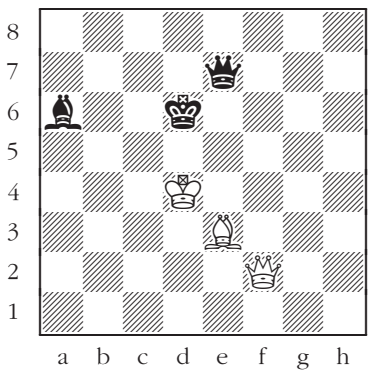
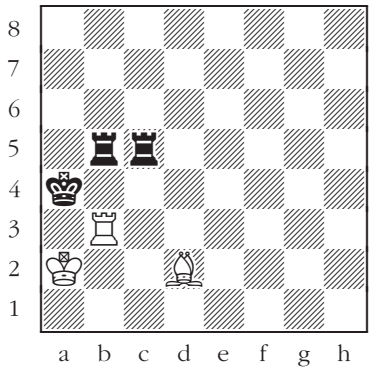


540

Pairs of Positions

The positions are similar but the solutions are different. White to move.



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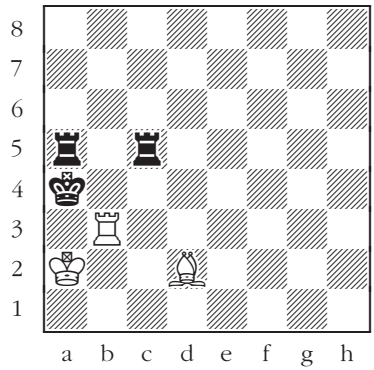

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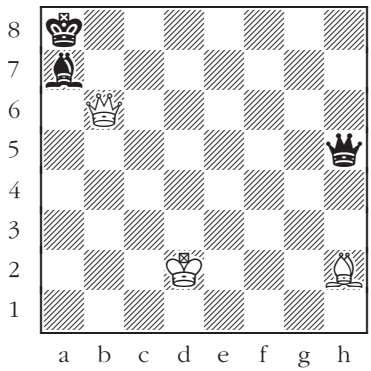

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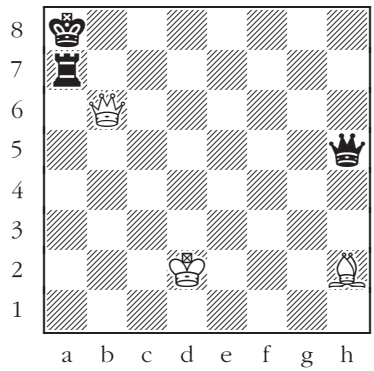

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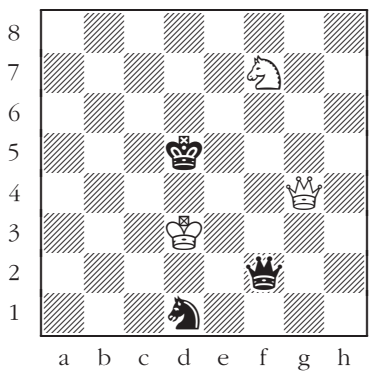

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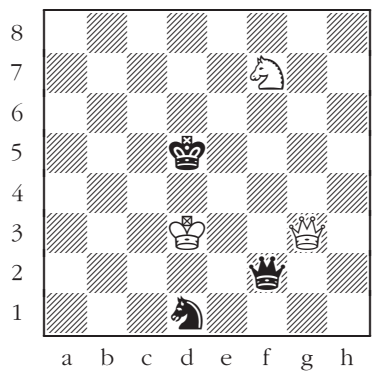
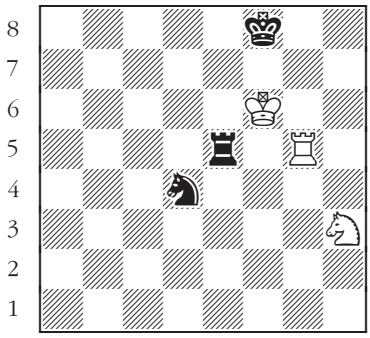


546

Pairs of Positions

The positions are similar but the solutions are different. Black to move.



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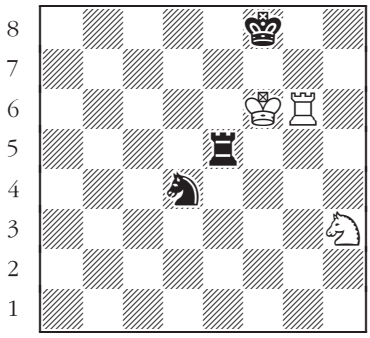

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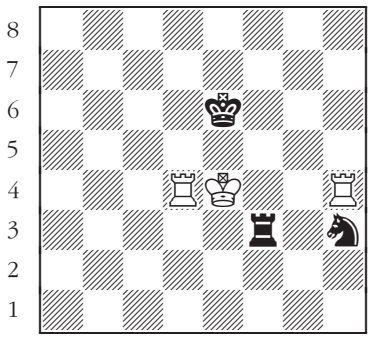

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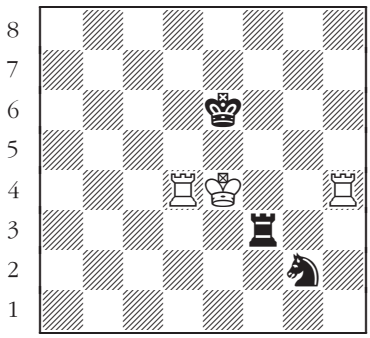

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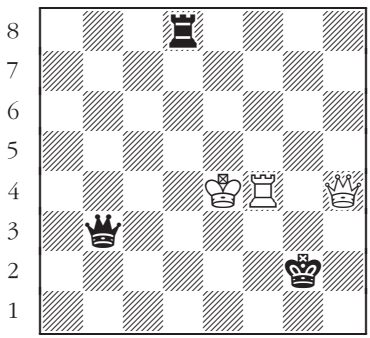

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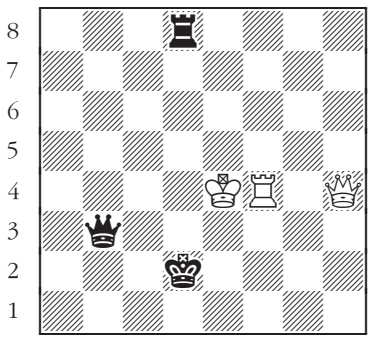
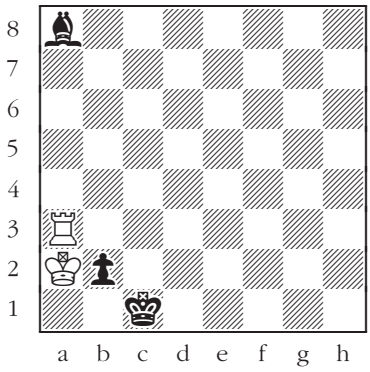


552

Pairs of Positions

The positions are similar but the solutions are different. Black to move.



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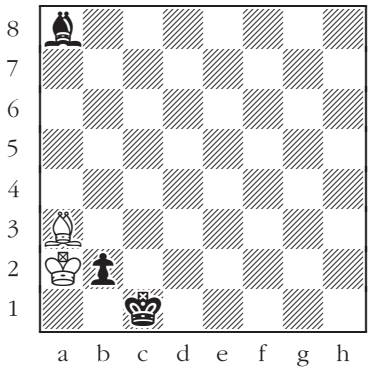

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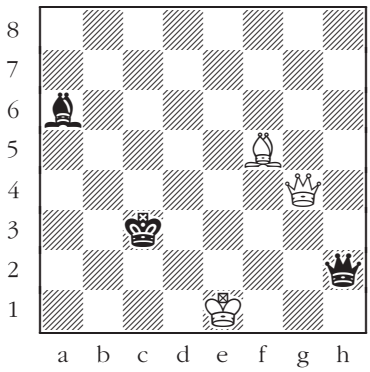

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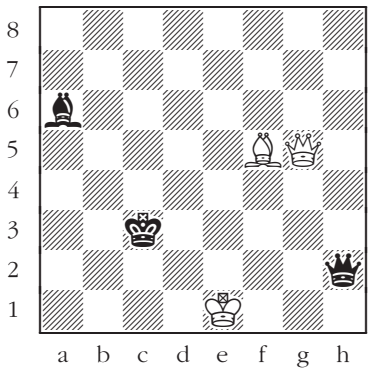

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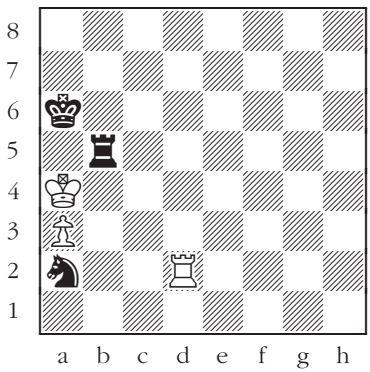

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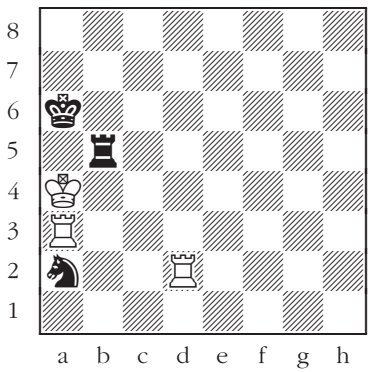
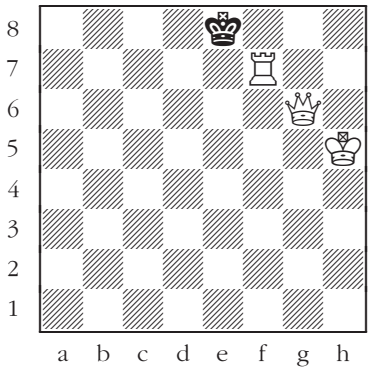


558

Chess Aesthetics

All the Pieces on the Same Diagonal

White to move.



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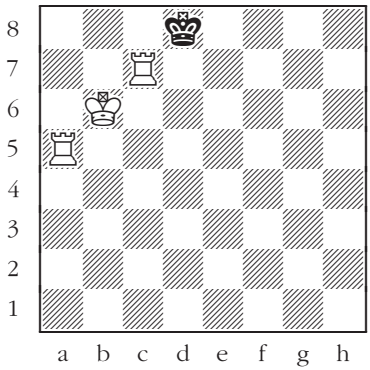

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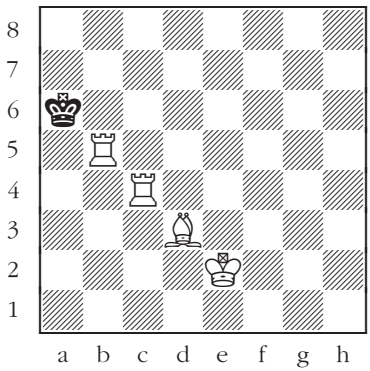

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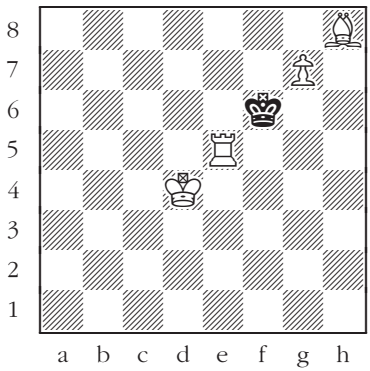

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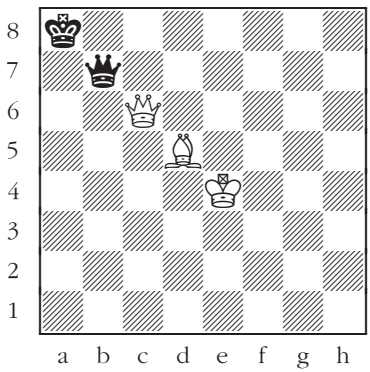

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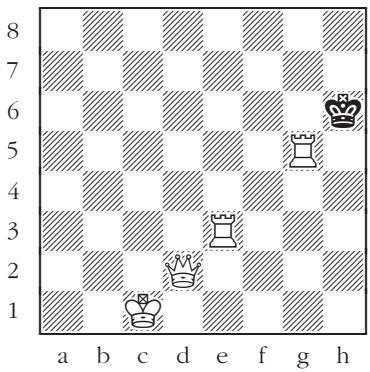
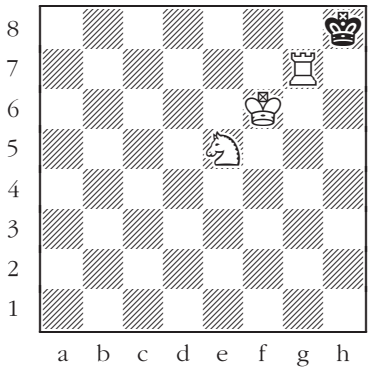


564

All the Pieces on the Long Diagonal

White to move — two solutions.



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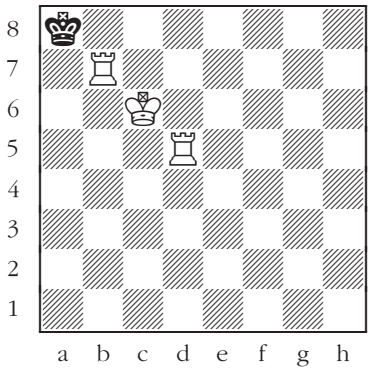

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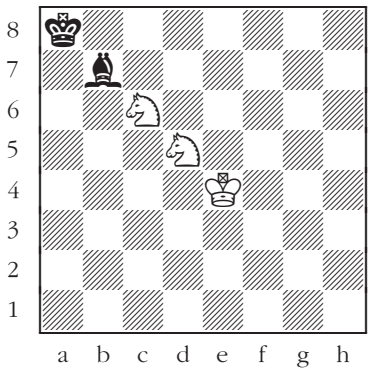

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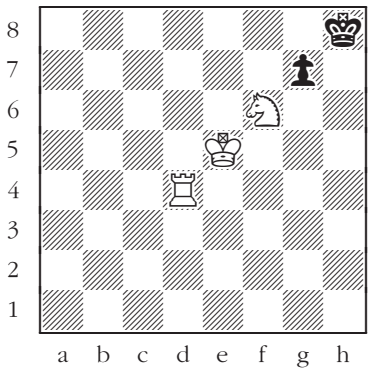

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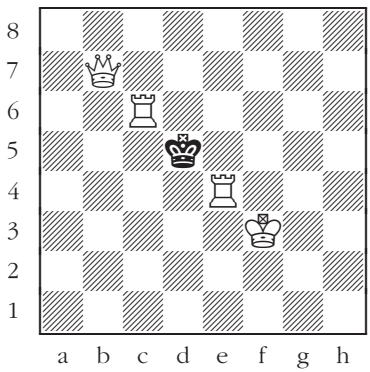

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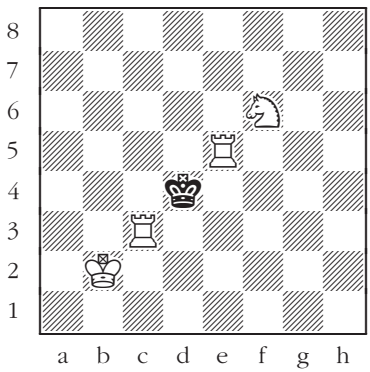
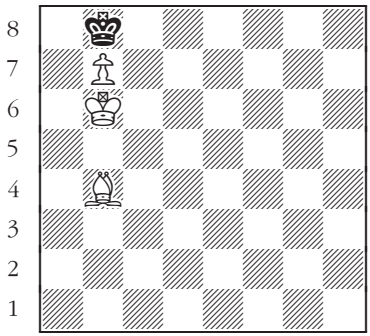


570

All the Pieces on the Same File

White to move.



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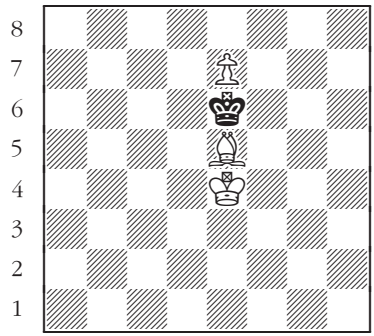

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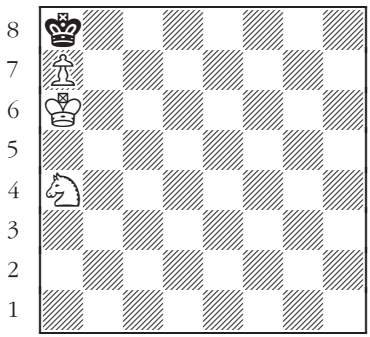

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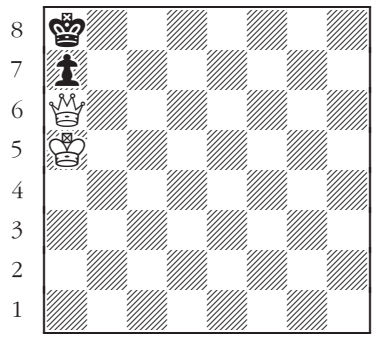

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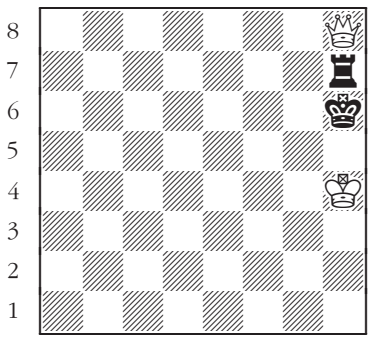

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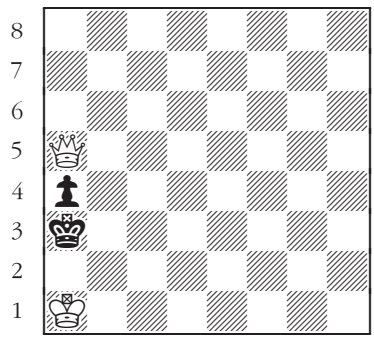
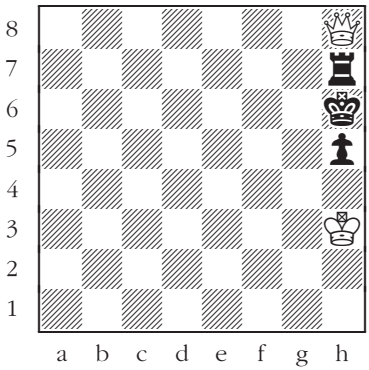


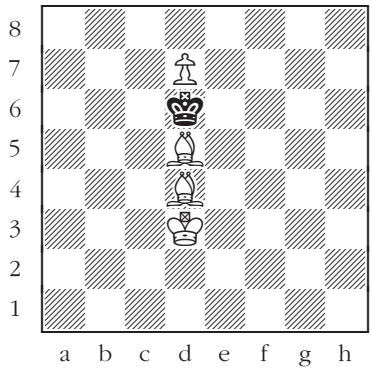
576

All the Pieces on the Same File

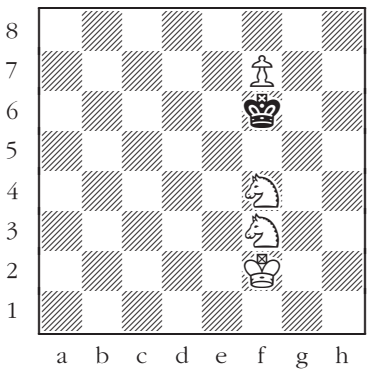
White to move.



577



578



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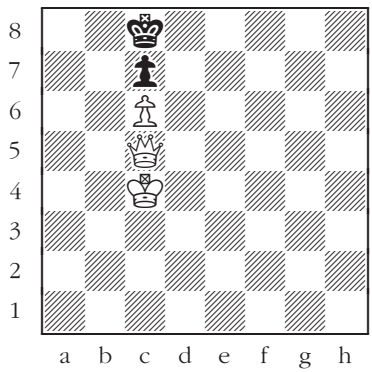

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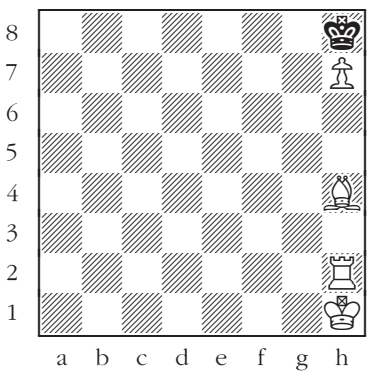

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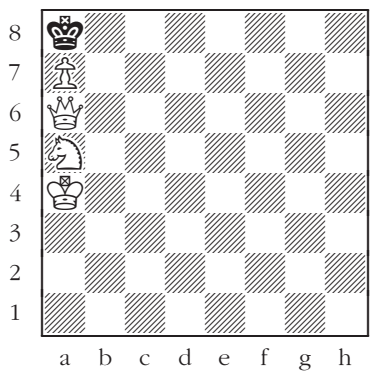
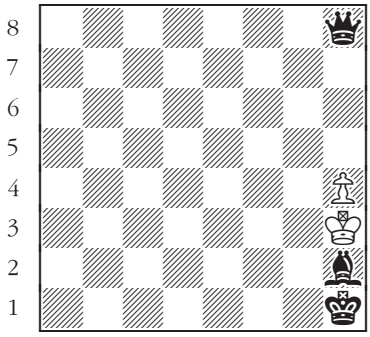


582

All the Pieces on the Same File

Black to move.



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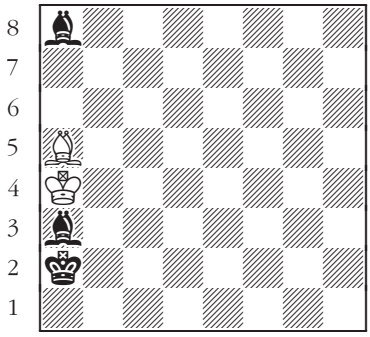

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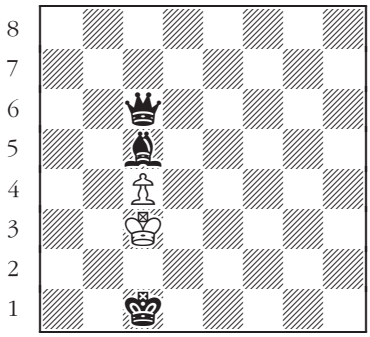

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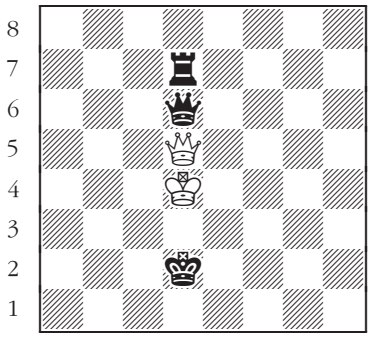

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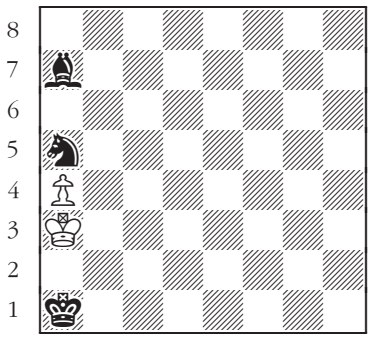

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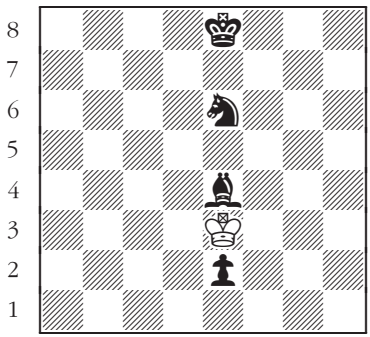
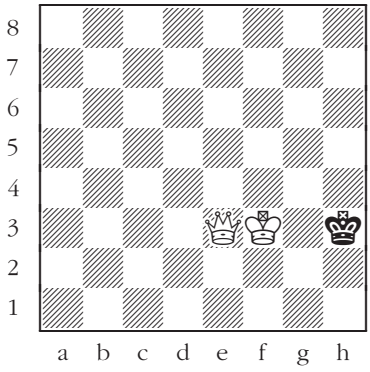


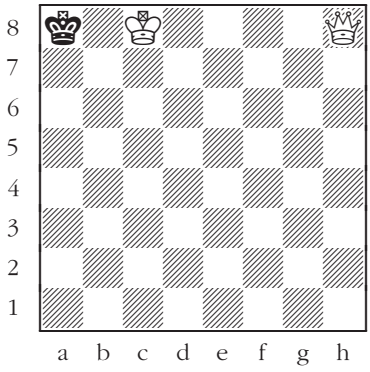
588

All the Pieces on the Same Rank

White to move.



589



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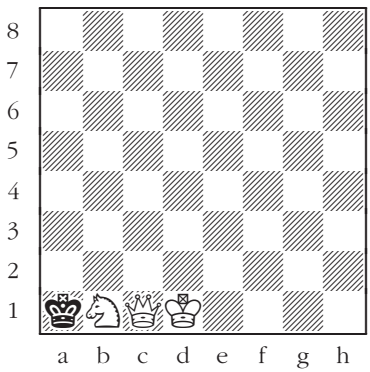

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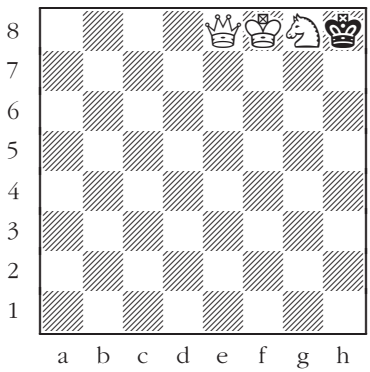

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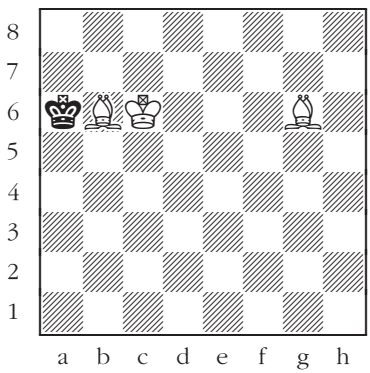

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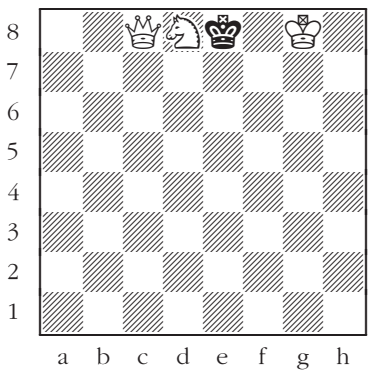
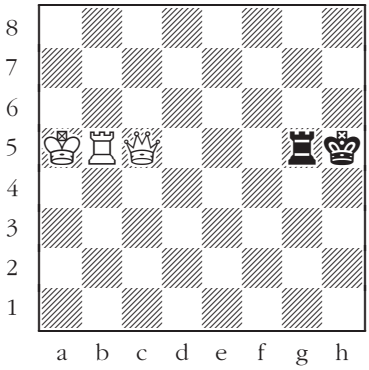


594

All the Pieces on the Same Rank

White to move.



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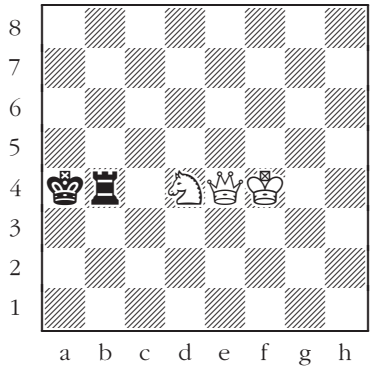

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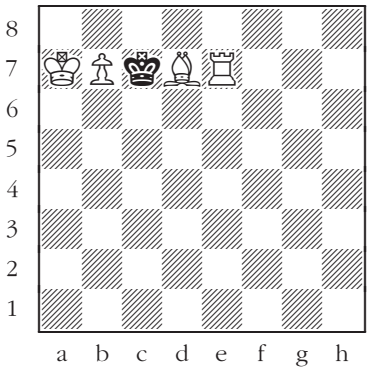

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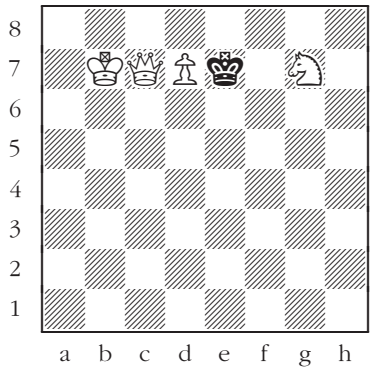

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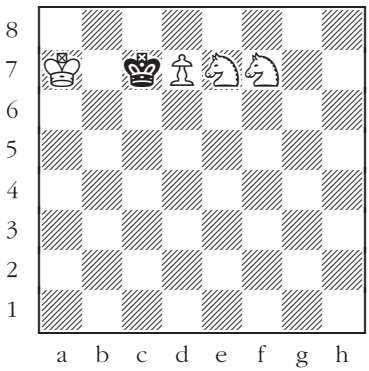

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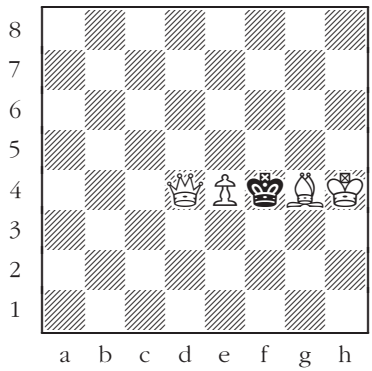
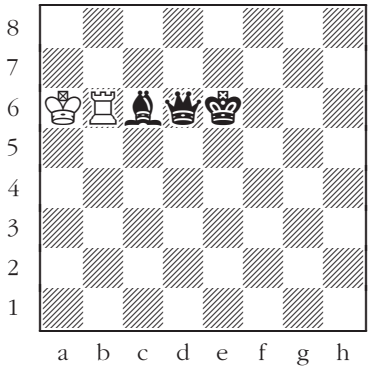


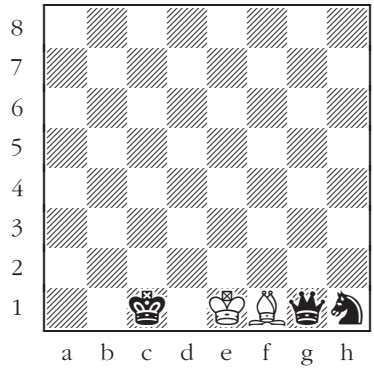
600

All the Pieces on the Same Rank

Black to move.



601



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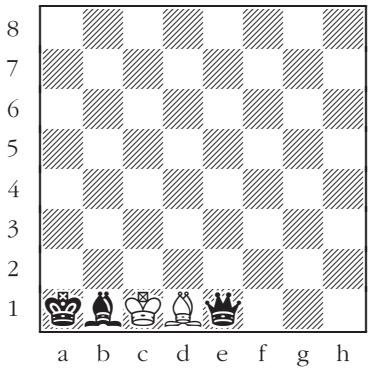

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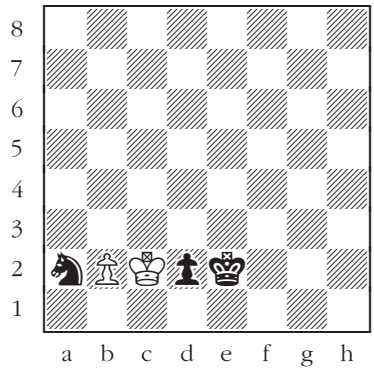

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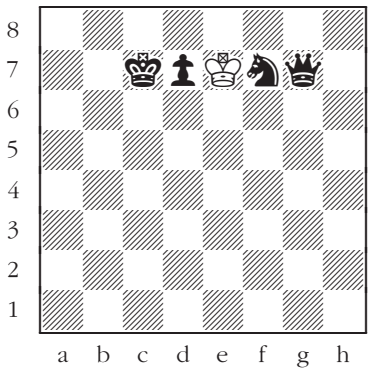

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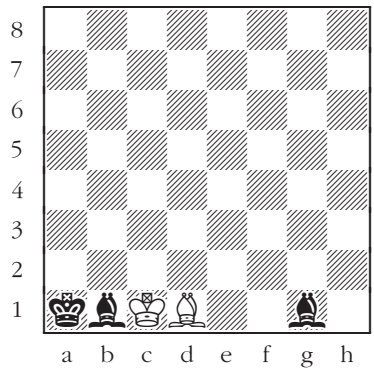
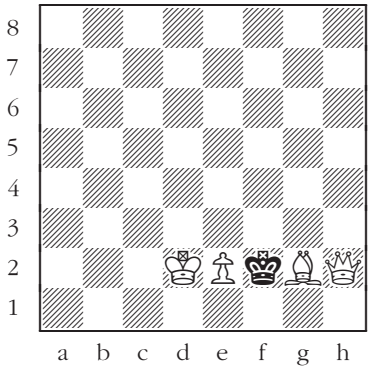


606

All the Pieces on the Same Rank

White to move.



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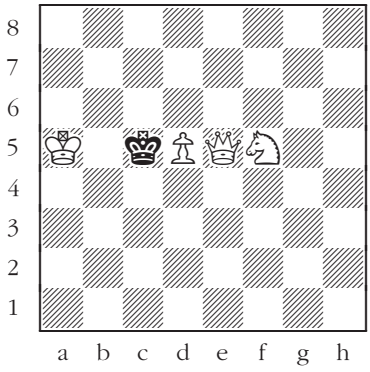

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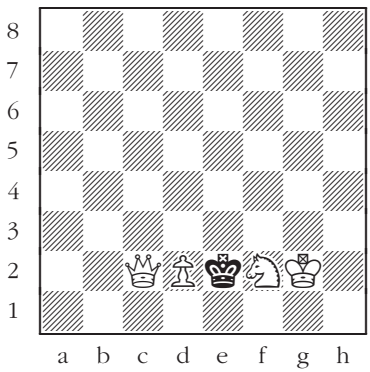

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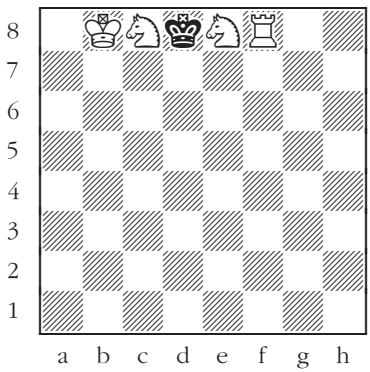

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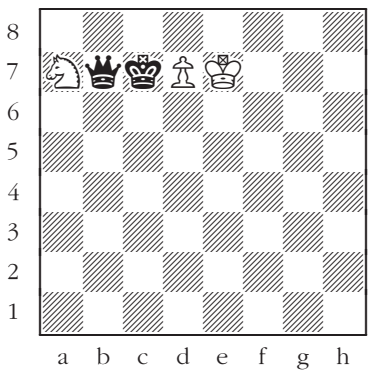
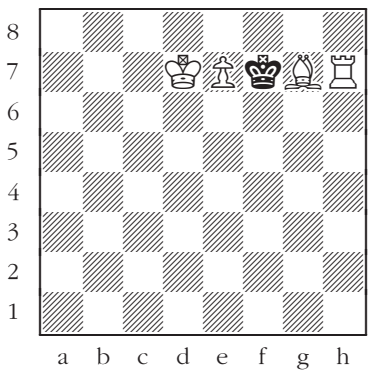


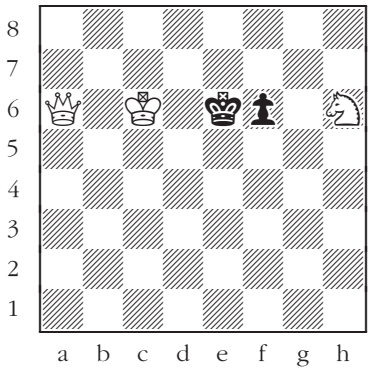
611



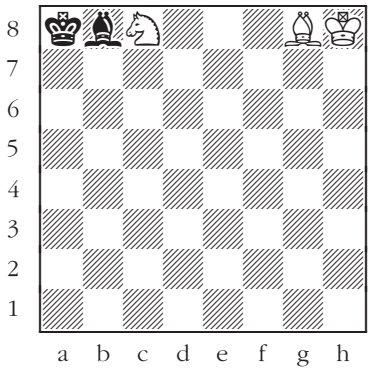
612

All the Pieces on the Same Rank

White to move.



613



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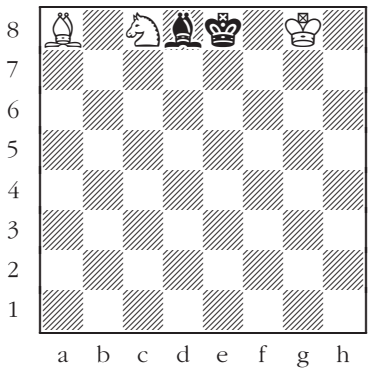
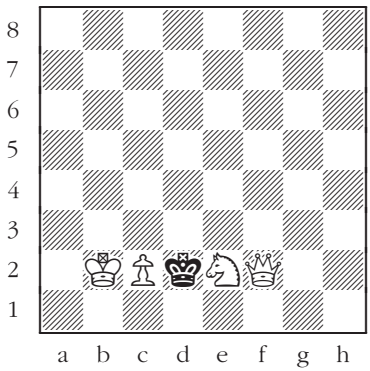
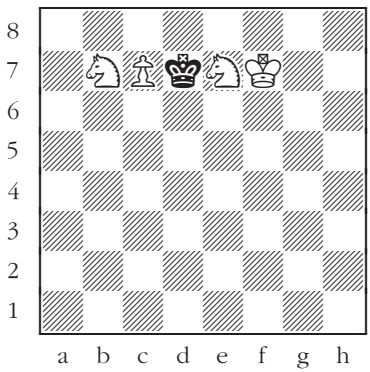


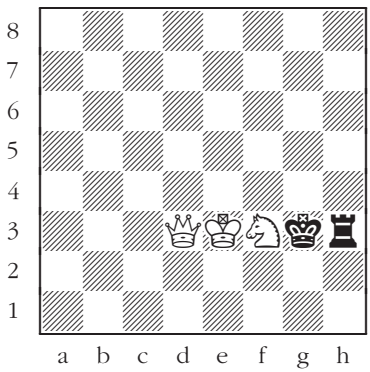
615



616



617



618

Solutions

1. 1. ♕h5#.
2. 1. ♗xg6#.
3. 1. ♗h5#.
4. 1. ♘f6#.
5. 1. ♘d6#.
6. 1. ♕xg6#.
7. 1...bxc1♕#.
8. 1... ♖xc1#.
9. 1...♕xc1#.
10. 1... ♖xh1#.
11. 1...c1♕#.
12. 1...♘xc2#.
13. 1. ♕(♗)xf7#.
14. 1. ♕(♗)xf7#.
15. 1. ♕(♗)xf7#.
16. 1. exf7(gxf7)#.
17. 1. ♕xf7(gxf7)#.
18. 1. ♗xf7(exf7)#.
19. 1...♕xf2#.
20. 1...♗xf2#.
21. 1...♕xf2#.
22. 1...♕xf2#.
23. 1...♗xf2#.
24. 1...♗xf2#.
25. 1. c3#.
26. 1. c4#.
27. 1. ♘c3#.
28. 1. ♘f3#.
29. 1. g3#.
30. 1. d4#.
31. 1...e5#.
32. 1...e6#.
33. 1...h5#.
34. 1...♘f6#.
35. 1...♘a6#.
36. 1...e6#.
37. 1...♕g3#.
38. 1...♗g3#.
39. 1...♕xe4#.
40. 1...♘d3#.
41. 1...♕xd4#.
42. 1...♕xc1#.
43. 1. ♕g6#.
44. 1. ♕g6#.
45. 1. ♗h5#.
46. 1. ♗g6#.
47. 1. ♕h5#.
48. 1. ♕h5#.
49. 1...♕b4#.
50. 1...♕xd4#.
51. 1...♕f4#.
52. 1...♕g4#.
53. 1...♕d4#.
54. 1...♕xf4#.
55. 1. ♕xc8#.
56. 1. ♕xc8#.
57. 1. ♕xd8#.
58. 1. ♘d6#.
59. 1. f7#.
60. 1. ♖xh8#.
61. 1. ♕xe5#.
62. 1. ♕xf7#.
63. 1. ♕xf8#.
64. 1. ♕g5#.
65. 1. g5#.
66. 1. ♕h5#.
67. 1...♕xf1#.
68. 1...♘xc2#.
69. 1...♘xf2#.
70. 1...♕xe2#.
71. 1... ♖e1#.
72. 1...♕xc1#.
73. 1. ♘f6#.
74. 1. ♕d5#.
75. 1. ♕b5#.
76. 1. gxh8♘#.
77. 1. ♘f7#.
78. 1. ♗h6#.
79. 1...♕xe4#.
80. 1...♕xe3#.
81. 1...♗h3#.
82. 1...♗h3#.
83. 1...♕e1#.
84. 1...g2#.
85. 1. ♕e5#.
86. 1. ♕xd8#.
87. 1. ♕xg7#.
88. 1. ♖d8#.
89. 1. ♘f7#.
90. 1. ♖h8#.
91. 1. ♕d8#.
92. 1. ♕xf7#.
93. 1. ♕xg7#.
94. 1. ♕xg7#.
95. 1. ♗xf6#.
96. 1. ♕xh7#.
97. 1. ♕xf7#.
98. 1. ♕xf8#.
99. 1. ♗g5#.
100. 1. ♖e8#.
101. 1. f7#.
102. 1. ♗e8#.
103. 1. ♘f6#.
104. 1. ♕d5#.
105. 1. ♕f8#.
106. 1. ♘xg6#.
107. 1. ♘xg6#.
108. 1. ♗xf7#.
109. 1...d5#.
110. 1...♘c5#.
111. 1...♕h1#.
112. 1... ♖d1#.
113. 1...♕g3#.
114. 1...♗h3#.
115. 1. ♕xe5#.
116. 1. ♕xg8#.
117. 1. ♕f5#.
118. 1. ♕xg5#.
119. 1. ♕f7#.
120. 1. hxg5#.
121. 1. ♕f7#.
122. 1. ♗e3#.
123. 1. ♕xe6#.
124. 1. ♘xb5#.
125. 1. ♕xd6#.
126. 1. ♘xe6#.
127. 1...♘xf2#.
128. 1... ♖e1#.
129. 1...♗g4#.
130. 1...♕xe2#.
131. 1...♕xg2#.
132. 1...♘f2#.
133. 1. ♘d5#.
134. 1. ♕e6#.
135. 1. ♕e8#.
136. 1. ♕f5#.
137. 1. exf7#.
138. 1. ♘c3#.
139. 1. ♕xf7#.
140. 1. ♘g6#.
141. 1. ♗g5#.
142. 1. ♗f7#.
143. 1. ♕e8#.
144. 1. ♖d6#.
145. 1. ♘f6#.
146. 1. ♕xh8#.
147. 1. ♗h6#.
148. 1. ♕xe7#.
149. 1. ♕g8#.
150. 1. ♕f7#.
151. 1. ♕xf7#.
152. 1. ♗e6#.
153. 1. ♕xh7#.
154. 1. ♕f5#.
155. 1. ♕xe7#.
156. 1. ♕a8#.

157. 1. ♗g5#.
158. 1. ♘f7#.
159. 1. ♘f7#.
160. 1. b4#.
161. 1. ♗e3#.
162. 1. ♘d6#.
163. 1...♘g3#.
164. 1...♖d1#.
165. 1...b4#.
166. 1...♘xh3#.
167. 1...♕e7#.
168. 1...♘g2#.
169. 1. ♕xh7#.
170. 1. ♕h8#.
171. 1. ♕f8#.
172. 1. d5#.
173. 1. ♕f6#.
174. 1. ♘c4#.
175. 1...♘f2#.
176. 1...♘g3#.
177. 1...♗xe4#.
178. 1...♗xf3#.
179. 1...♘d4#.
180. 1...gxh2#.
181. 1. ♕xf7#.
182. 1. ♕f8#.
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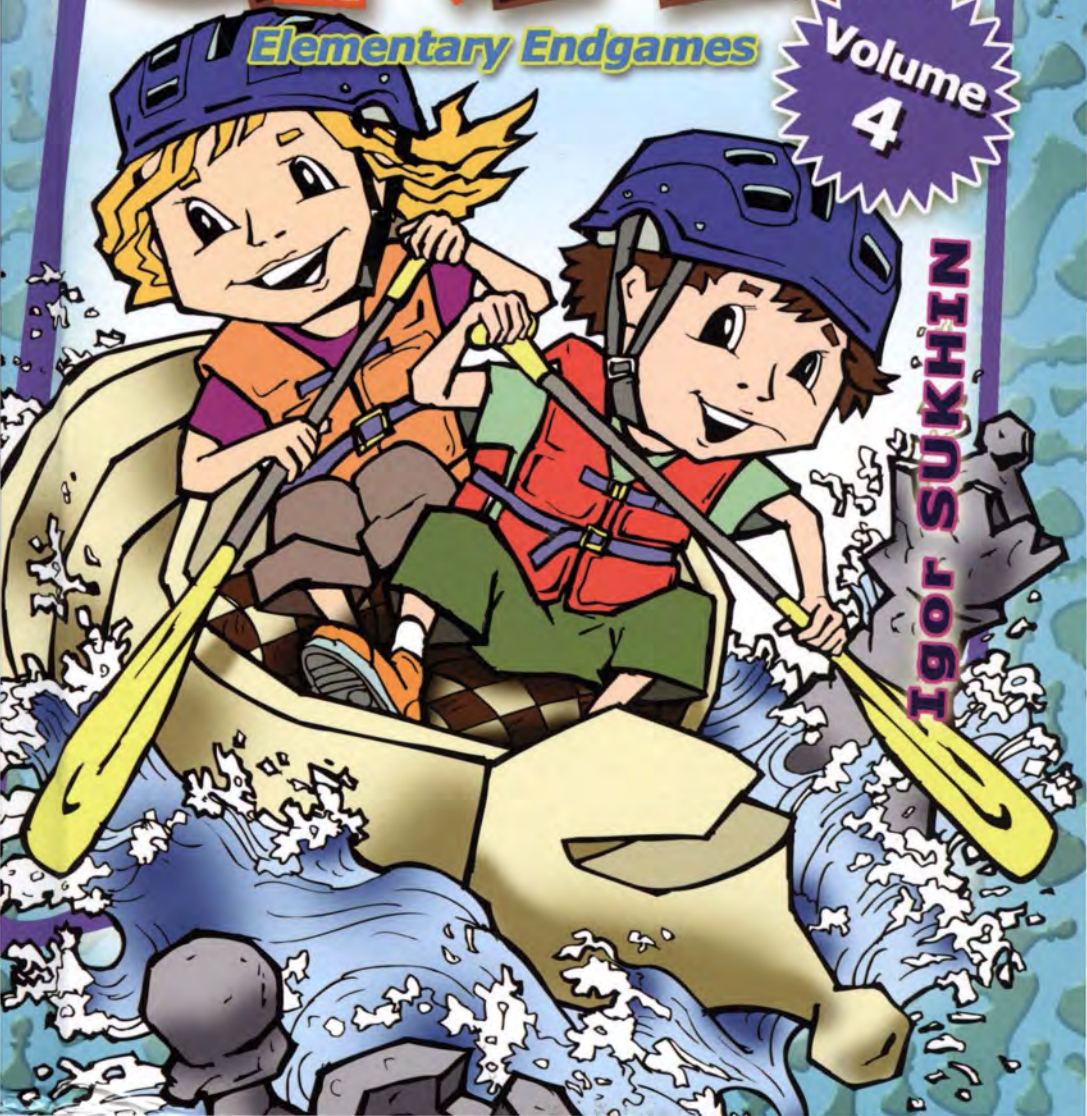
Chess CAMP

Elementary Endgames

Volume 4



Igor SUKHIN

Igor Sukhin

Chess Camp

Volume 4: Elementary Endgames

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Note for Coaches, Parents, Teachers, and Trainers

It is impossible to become a competent chessplayer without the ability to play elementary endgames. Even though there are many books on endgames, those books often disregard the simplest endings. This book has been written to cure this deficiency.

The present volume is dedicated to the most important three- and four-piece endgames. In the majority of the problems the first move is relatively easy to find.

Positions where the white pieces fight against the black ones comprise the biggest part of this book. Such positions teach the student to keep an eye out for checkmate, stalemate, and a variety of other tactics.

Other goals for this book include the following:

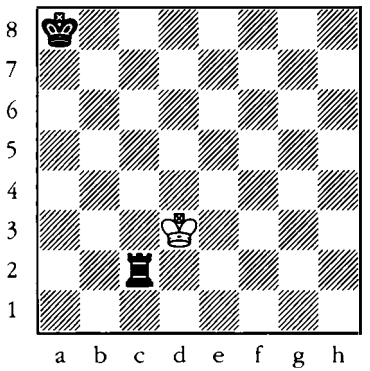
- enabling the student to learn the skills needed to play elementary endgames;
- revisiting the skills of attack and defense learned from previous *Chess Camp* volumes;
- gaining an understanding of the coordination between pieces; and
- discovering the hidden potential of the pieces in attack and defense.

Many authors underestimate the importance of solving elementary problems for the development of young chessplayers. That is why most of the problems the student will encounter are original and were created specifically for this book.

Endgames with Three Pieces

King + rook vs. king

Black to move. Should Black move the king?
Watch out for king moves that lose a rook or deliver stalemate.



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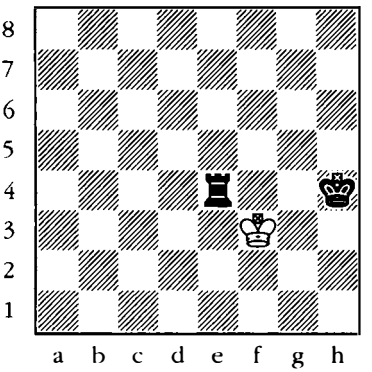

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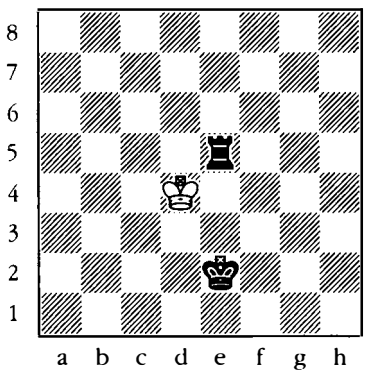

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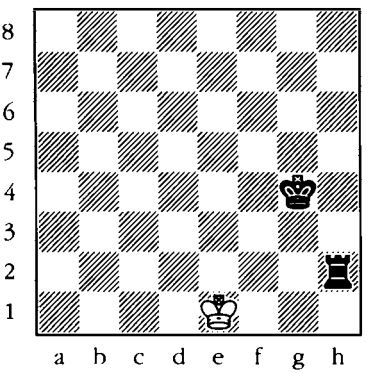

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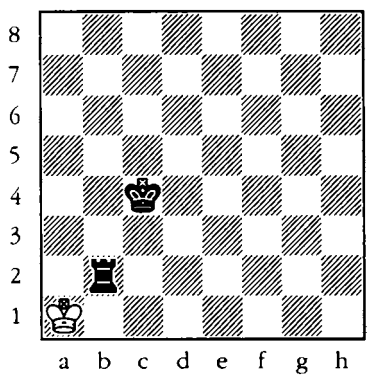

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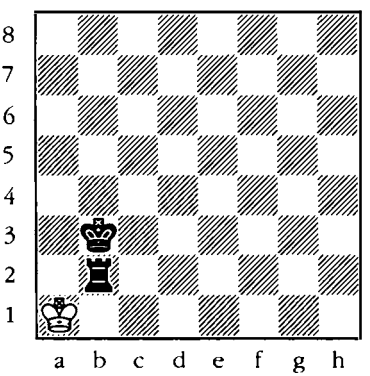
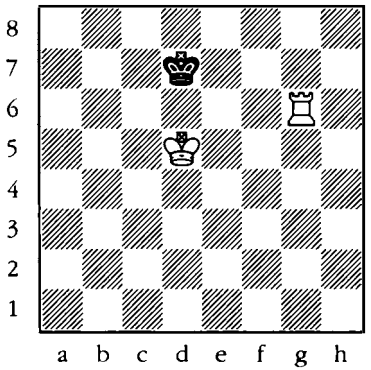


6

King + rook vs. king

White to move. Force the black king to retreat to the last rank or the last file.



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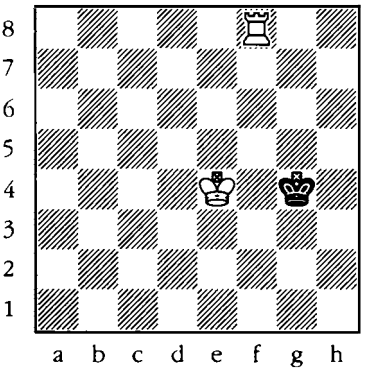

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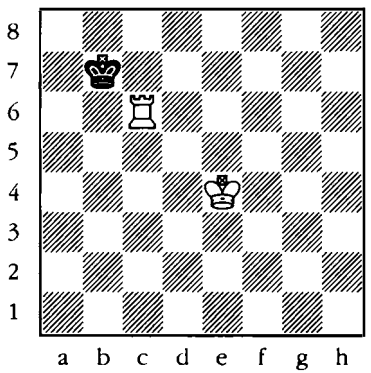

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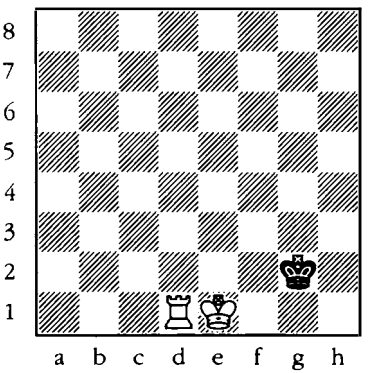

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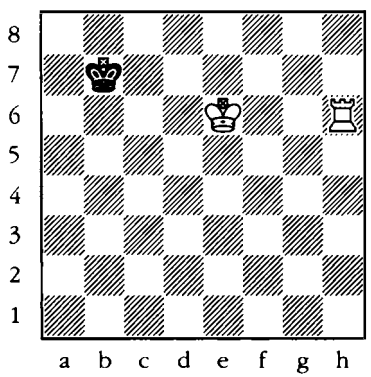

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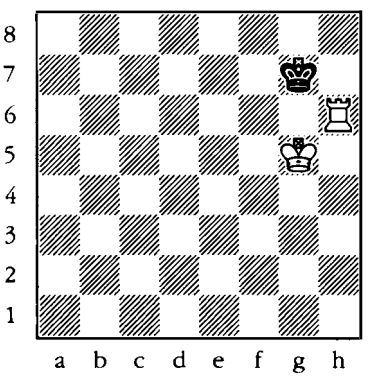
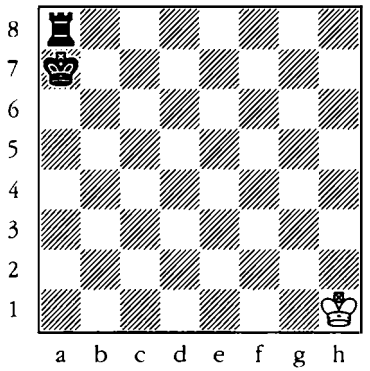


12

King + rook vs. king

Black to move. Stop the white king from leaving the last rank or the last file.



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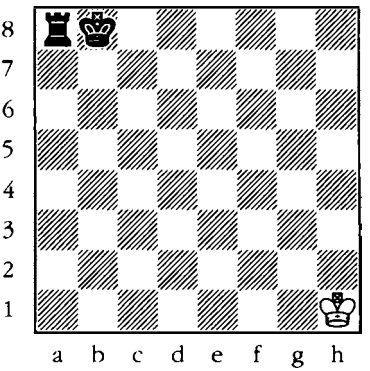

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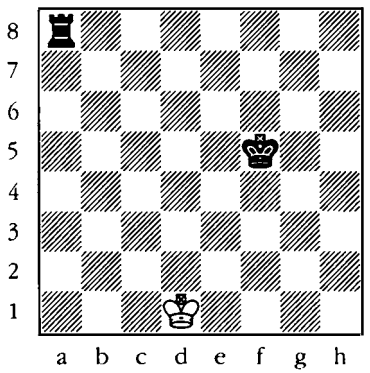

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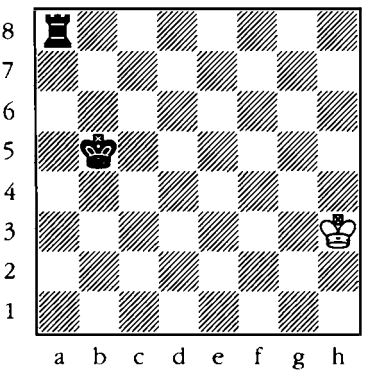

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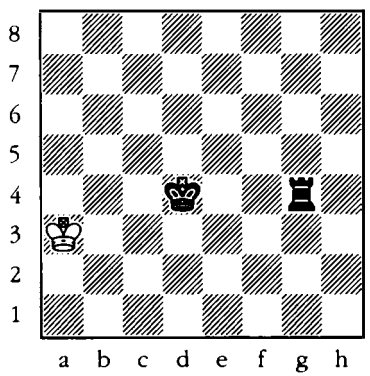

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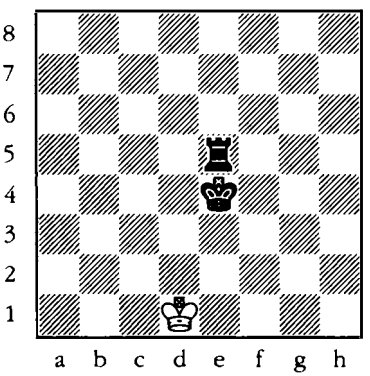
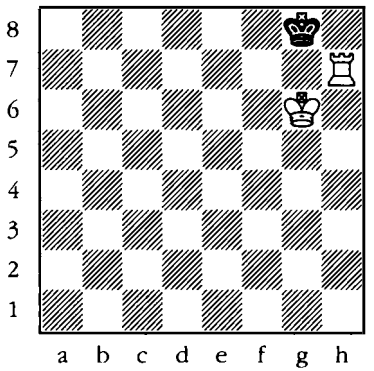


18

King + rook vs. king

White to move. Checkmate in two moves.



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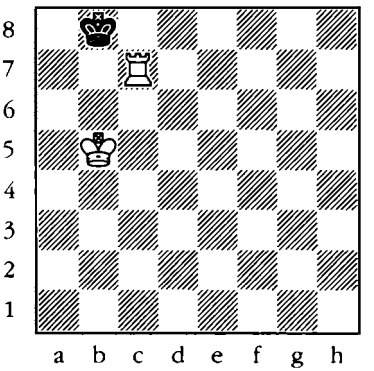

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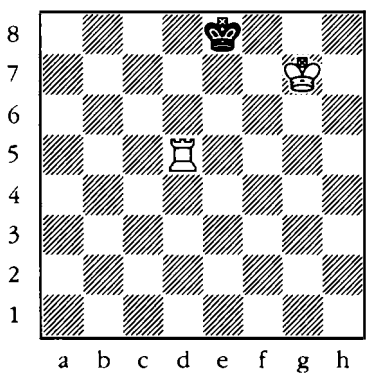

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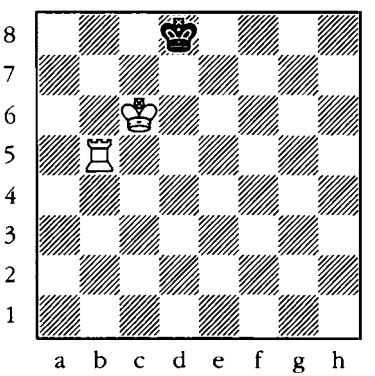

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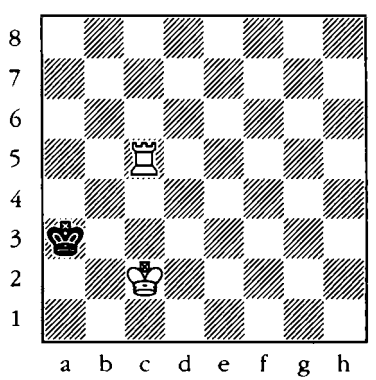

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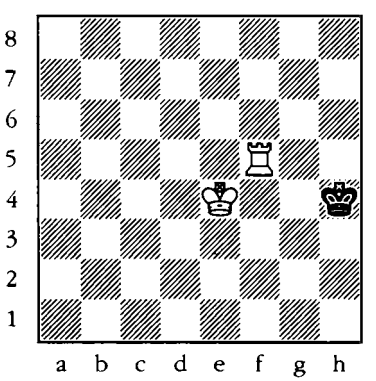
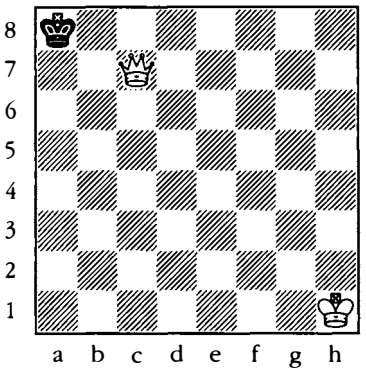


24

King + queen vs. king

White to move. Is it best for White to move the king?



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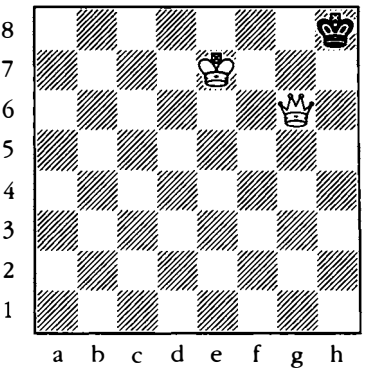

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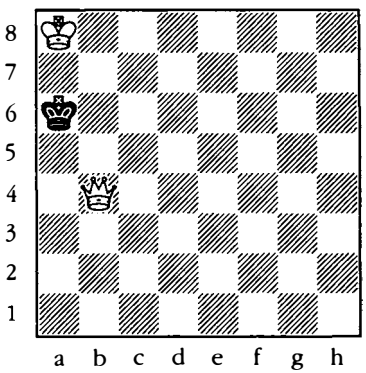

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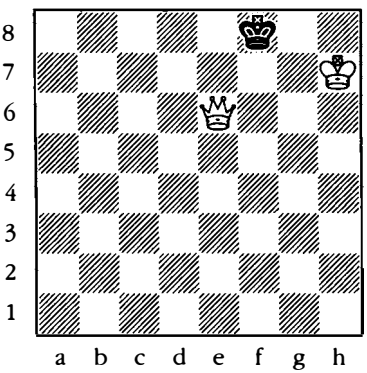

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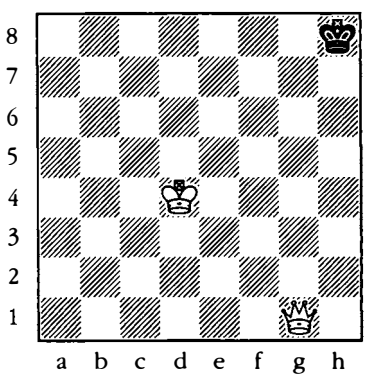

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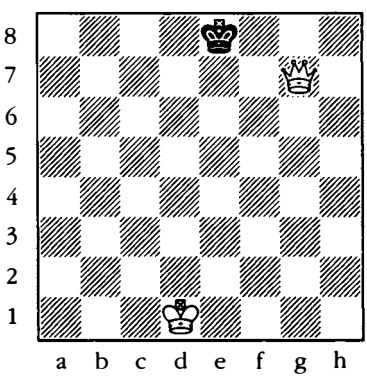
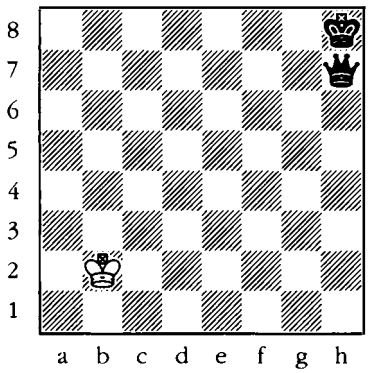


30

King + queen vs. king

Black to move. Force White's king to retreat to the last rank or the last file.



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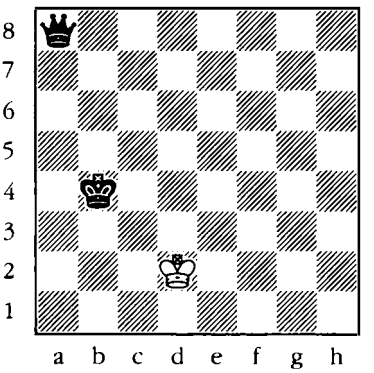

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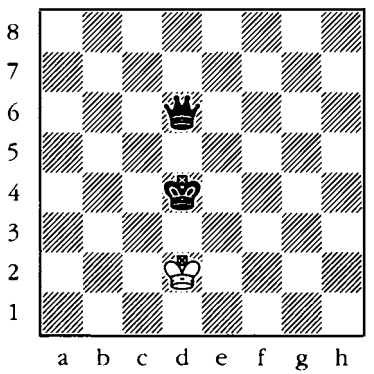

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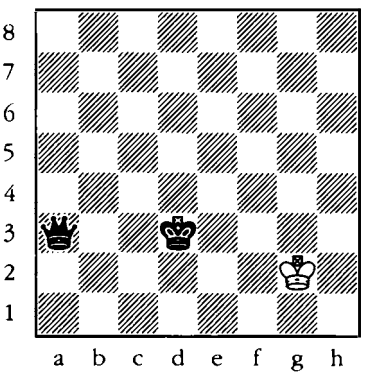

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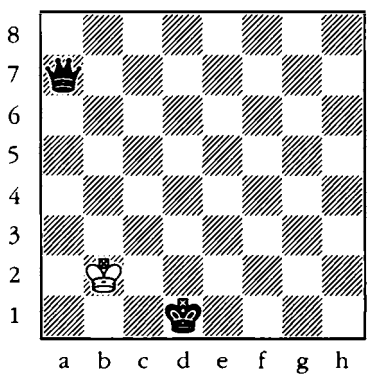

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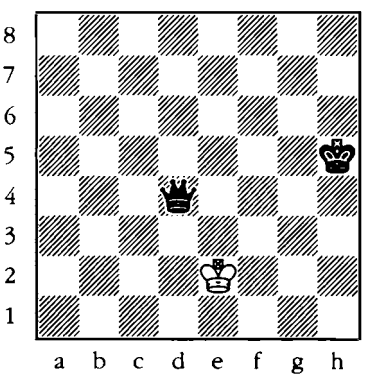
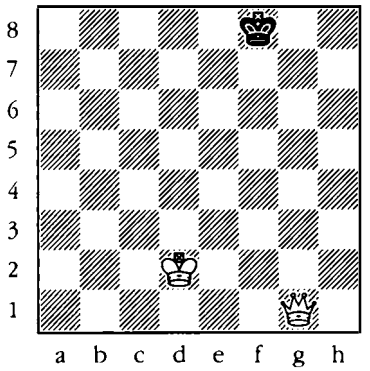


36

King + queen vs. king

White to move. Stop the black king from leaving the last rank or the last file. Watch out for stalemate.



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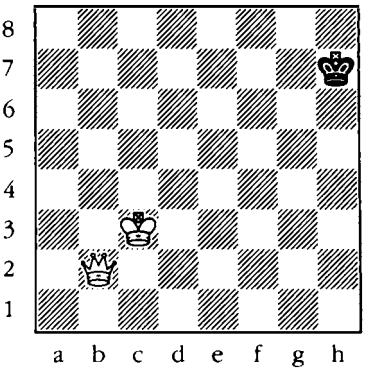

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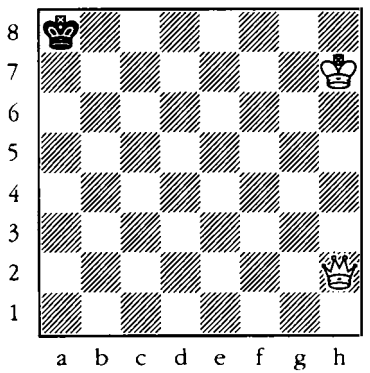

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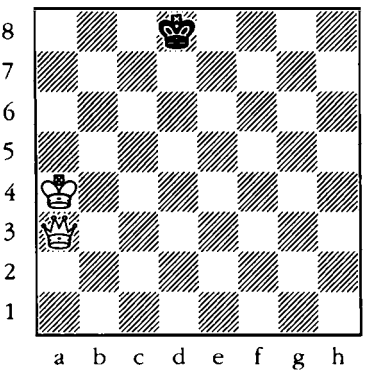

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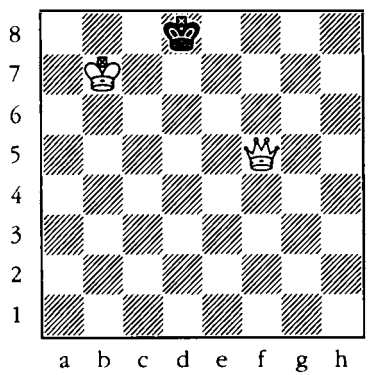

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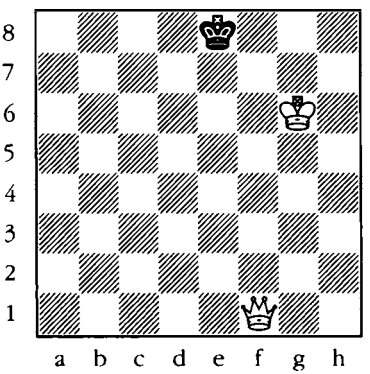
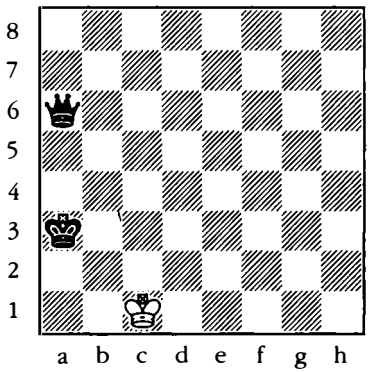


42

King + queen vs. king

Black to move. Checkmate in two moves.



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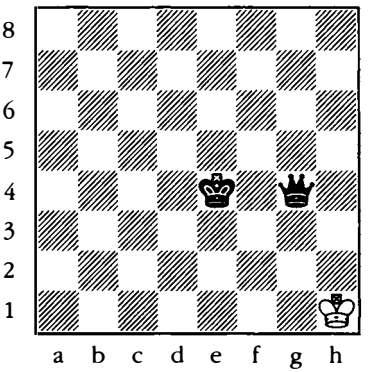

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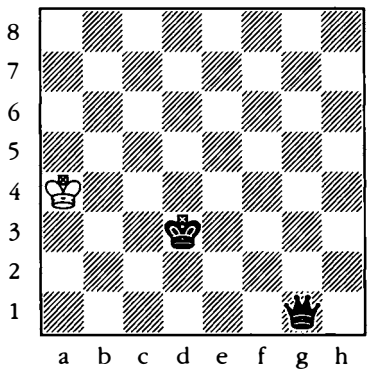

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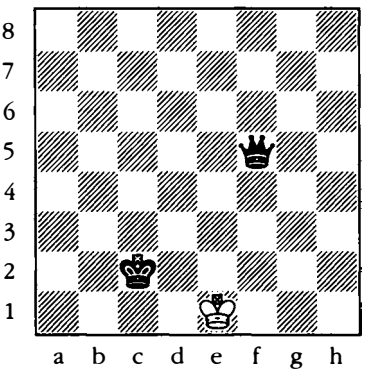

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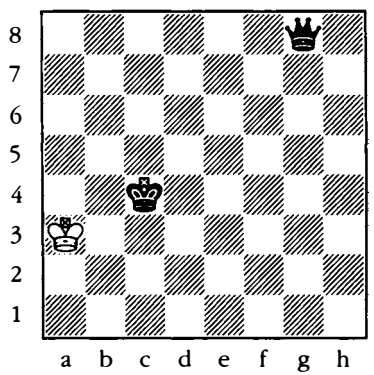

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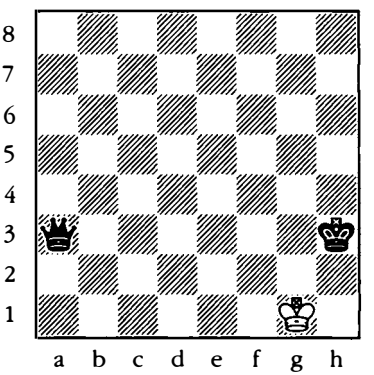
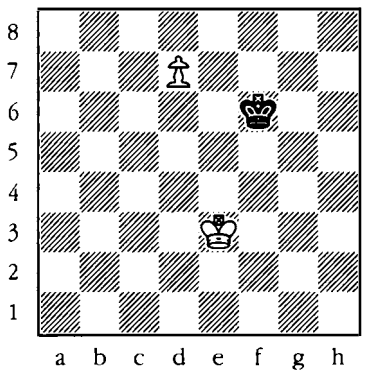


48

King + pawn vs. king

Black to move. Can the black king catch the white pawn?



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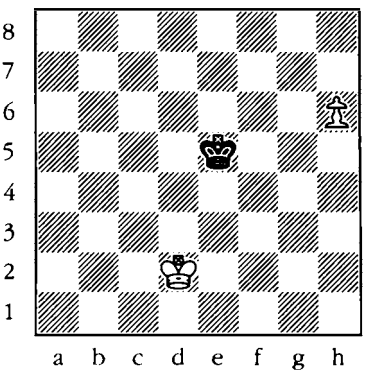

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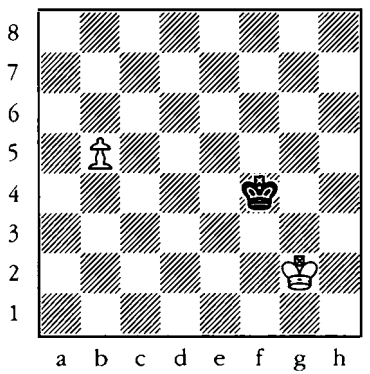

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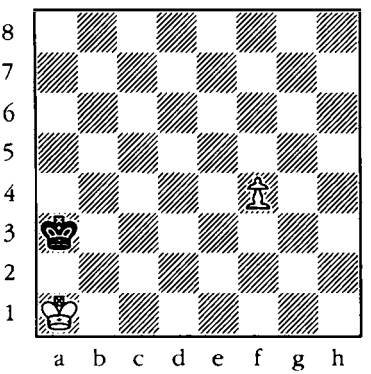

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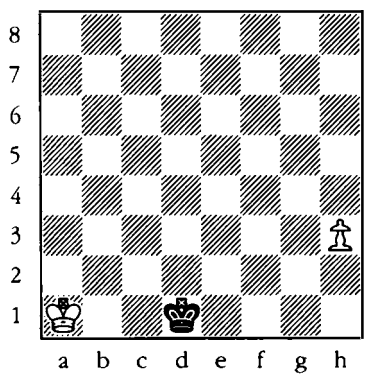

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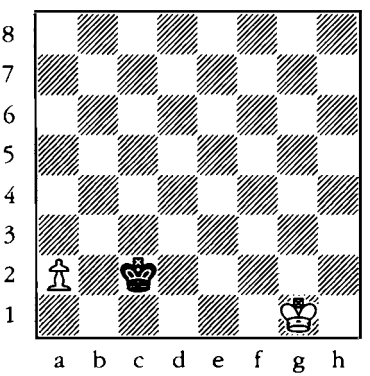
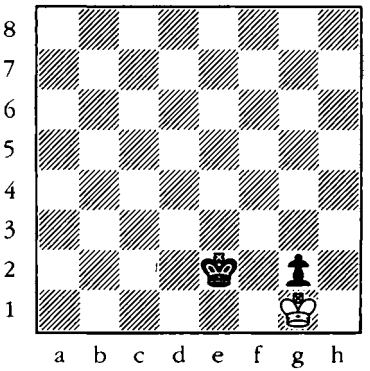


54

King + pawn vs. king

Black to move and win.

Black pawn on the second rank or white pawn on the seventh rank.



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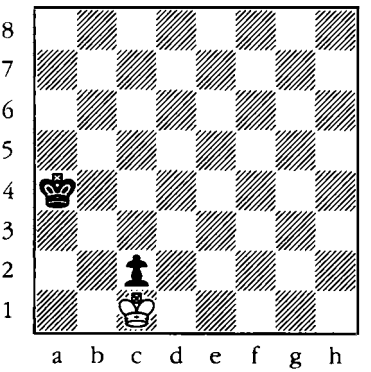

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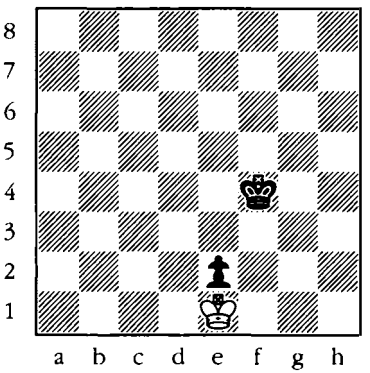

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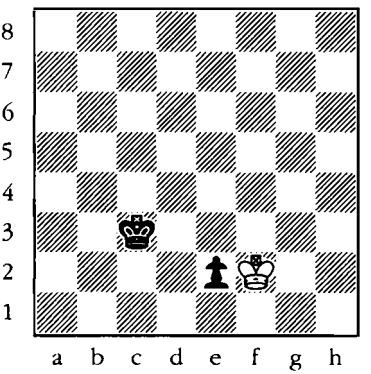

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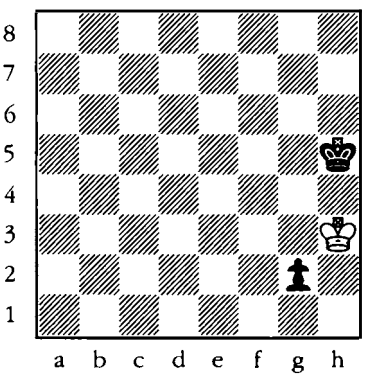

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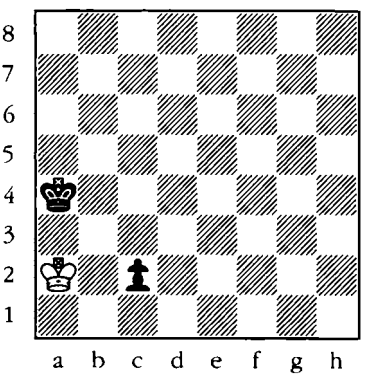
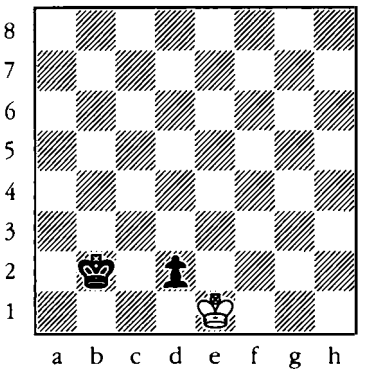


60

King + pawn vs. king

White to move. Make a draw.



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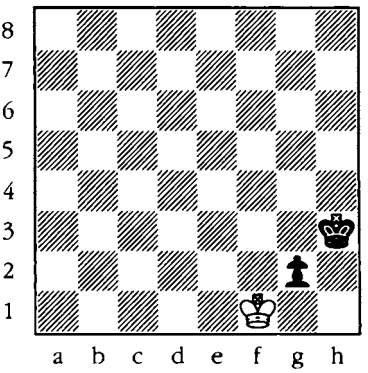

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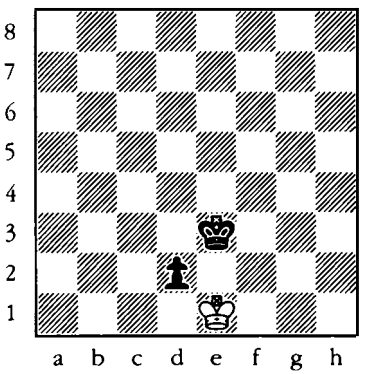

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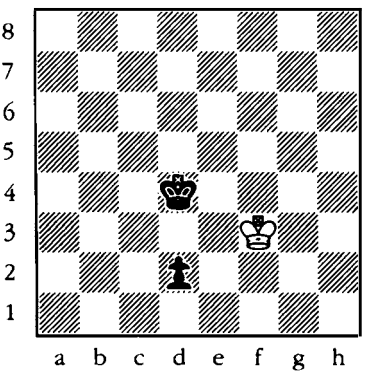

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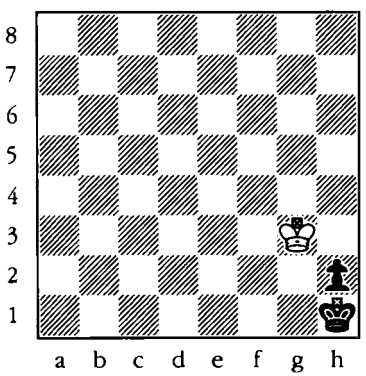

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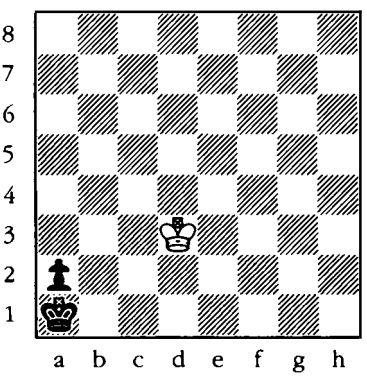
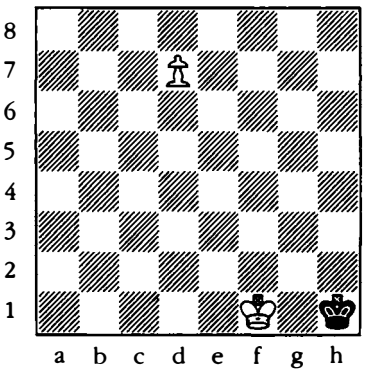


66

King + pawn vs. king

White to move. Checkmate in two moves.



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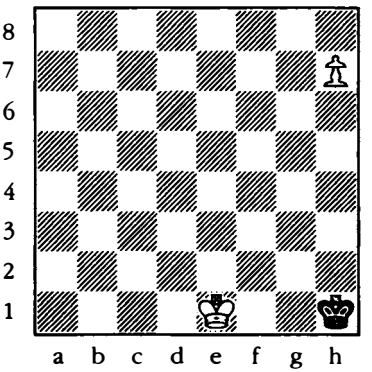

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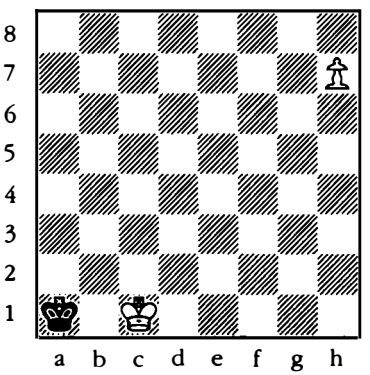

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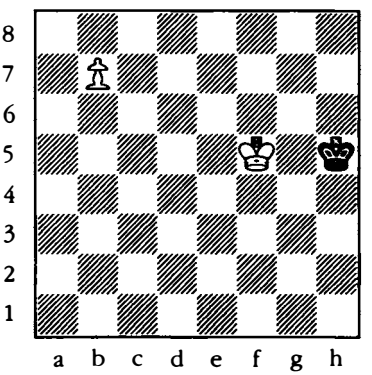

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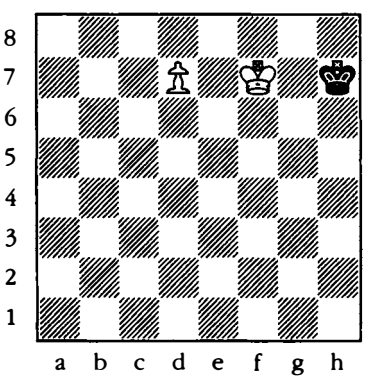

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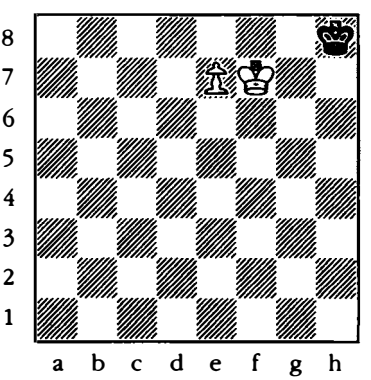
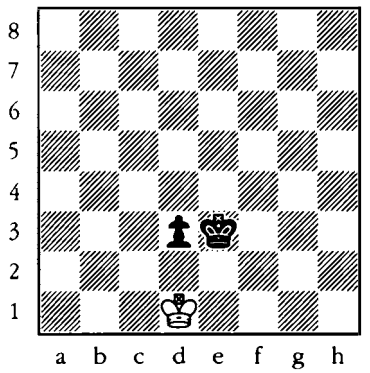


72

King + pawn vs. king

Black to move and win.

Black pawn on the third rank or white pawn on the sixth rank.



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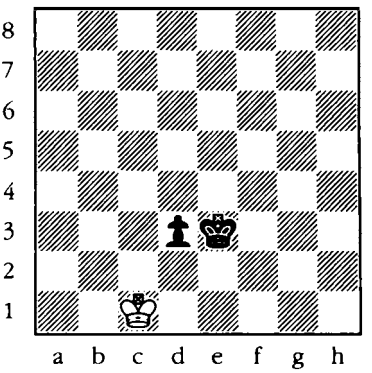

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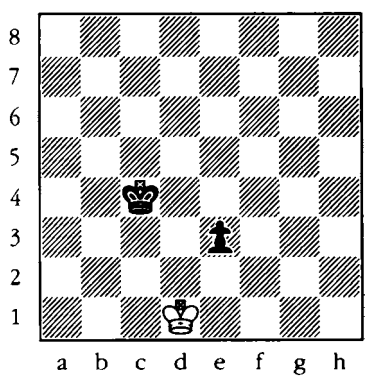

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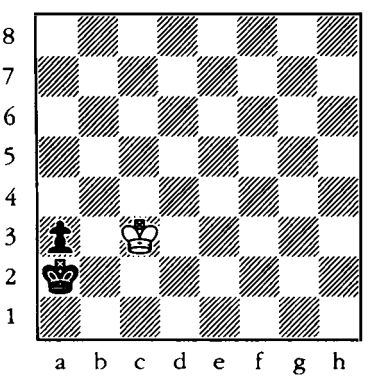

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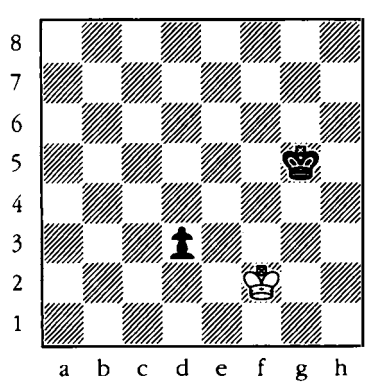

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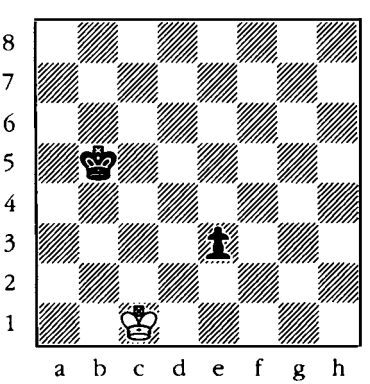
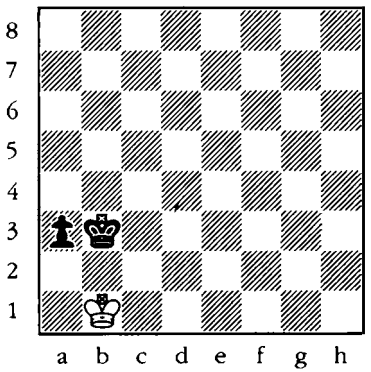


78

King + pawn vs. king

White to move. Make a draw.



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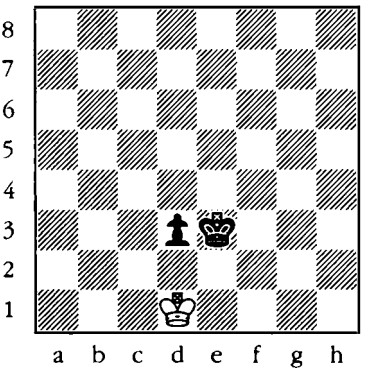

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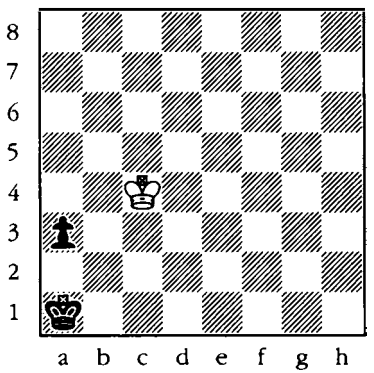

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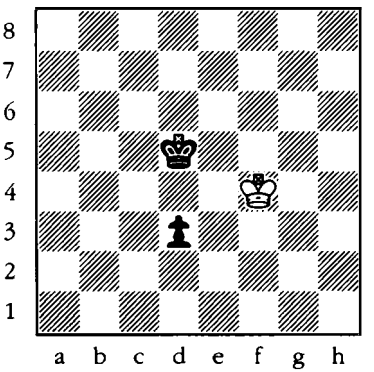

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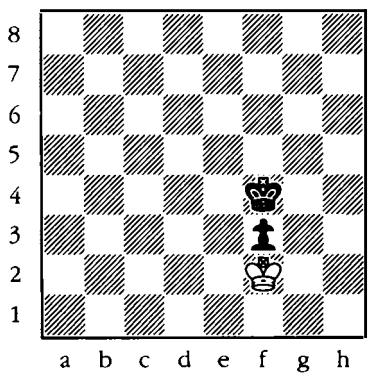

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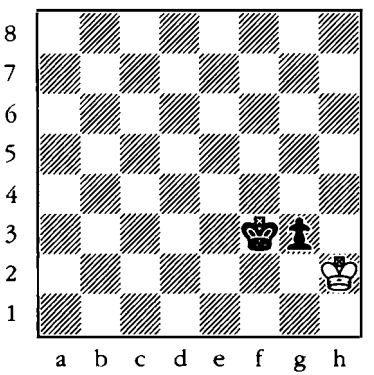
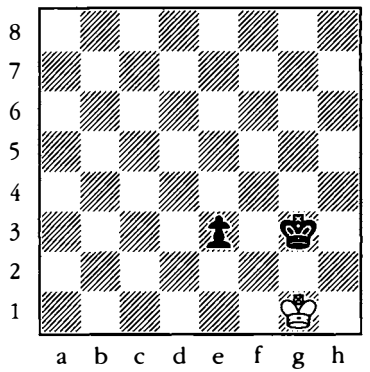


84

King + pawn vs. king

Black to move. Checkmate in two moves.



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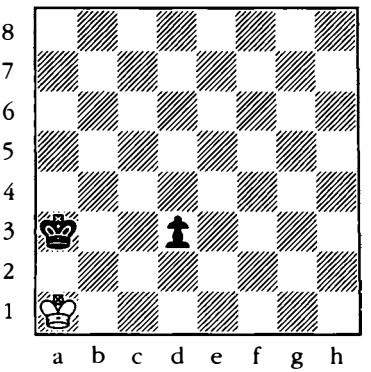

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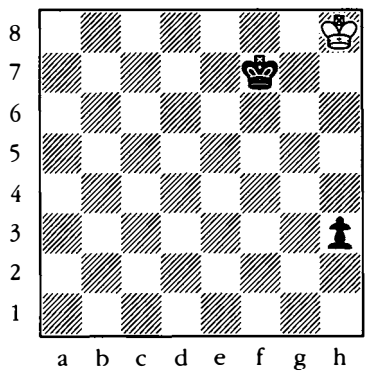

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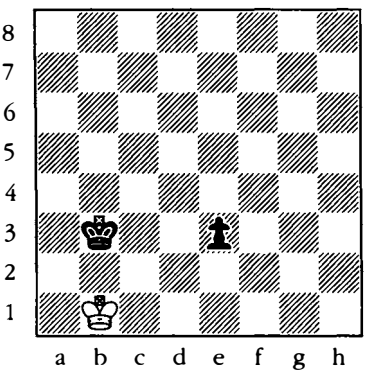

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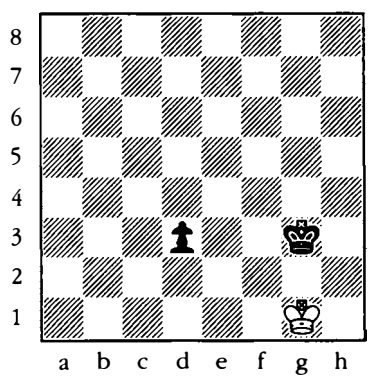

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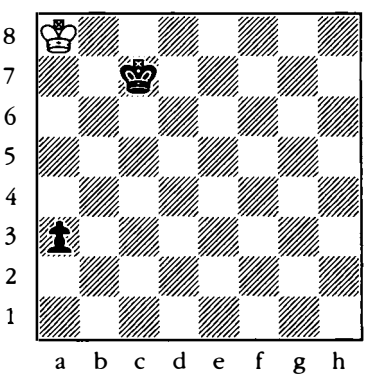
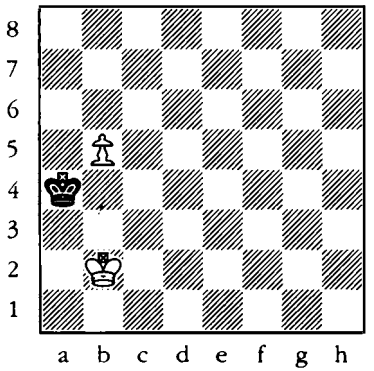


90

King + pawn vs. king

White to move and win.

Black pawn on the fourth rank or white pawn on the fifth rank.



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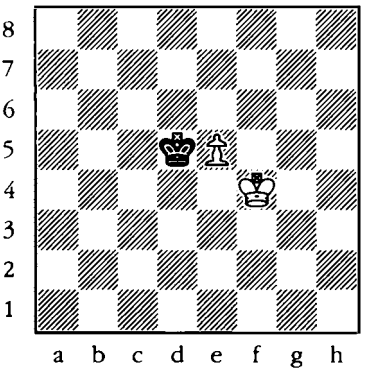

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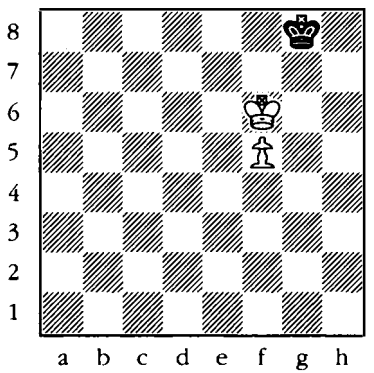

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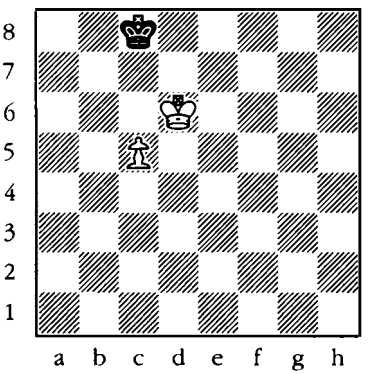

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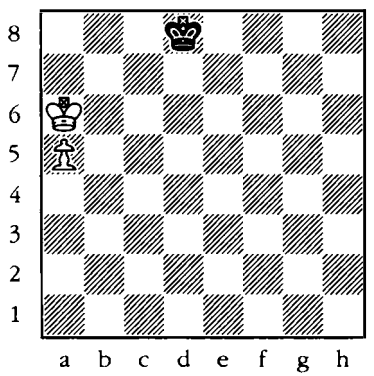

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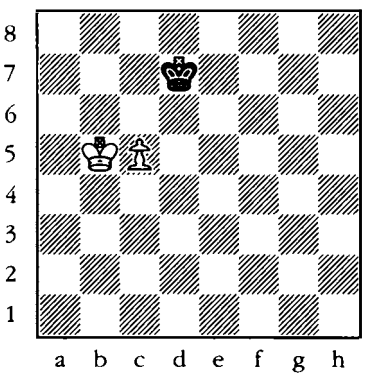
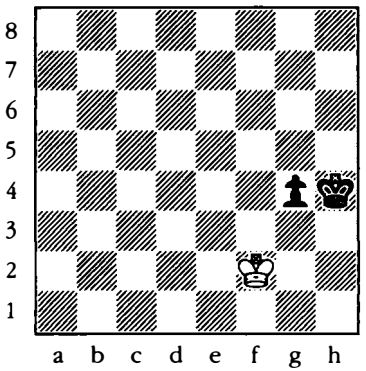


96

King + pawn vs. king

Black to move and win.



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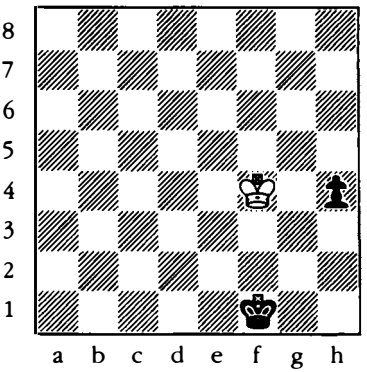

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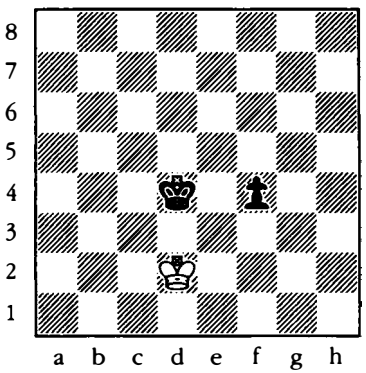

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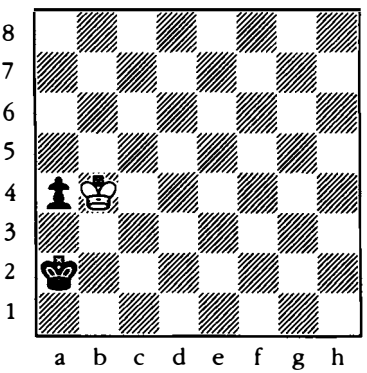

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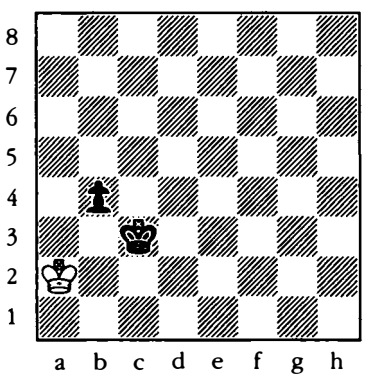

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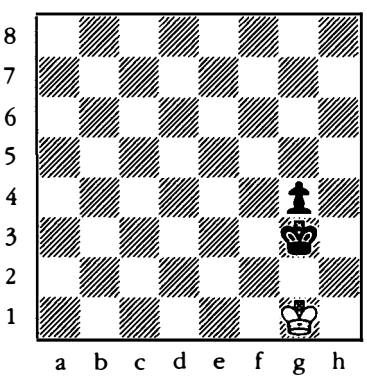
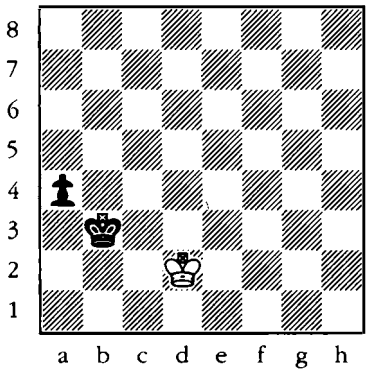


102

King + pawn vs. king

White to move. Make a draw.



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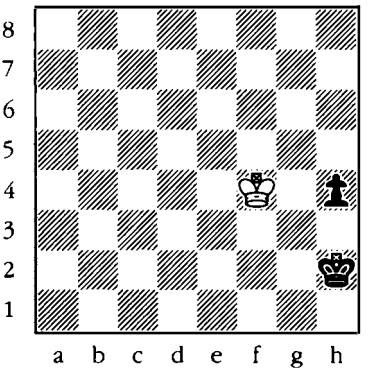

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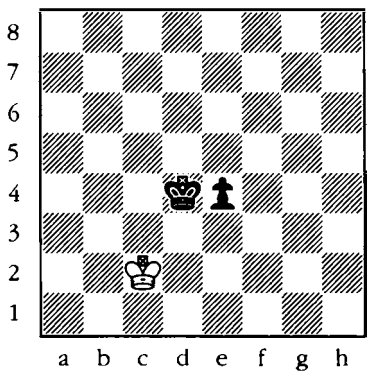

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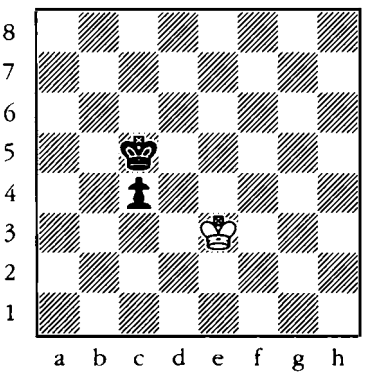

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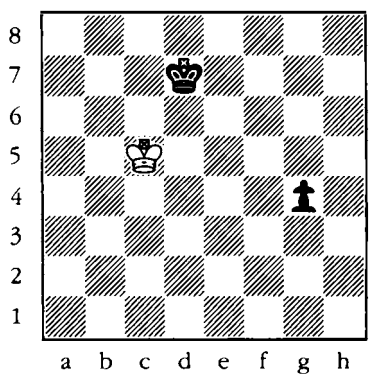

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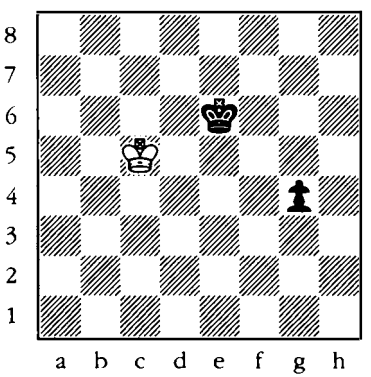
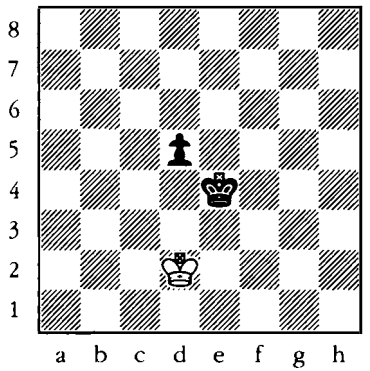


108

King + pawn vs. king

Black to move.

Black pawn on the fifth rank or white pawn on the fourth rank. Find the best move.



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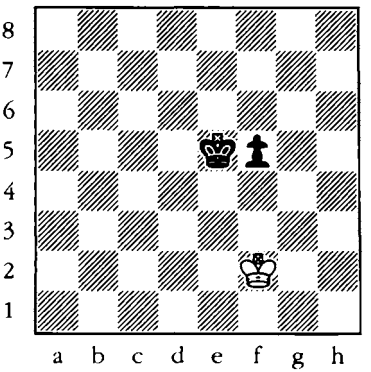

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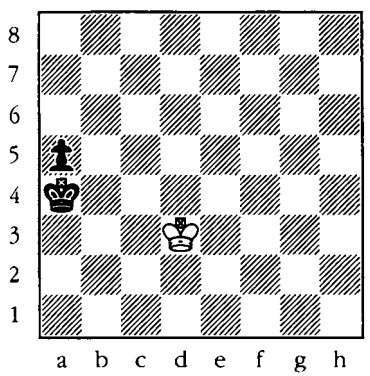

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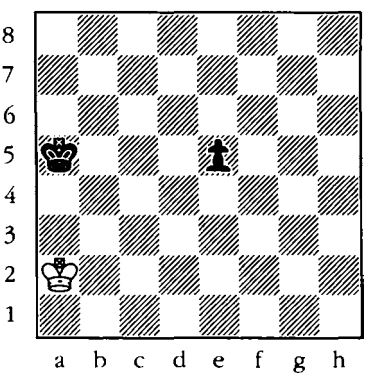

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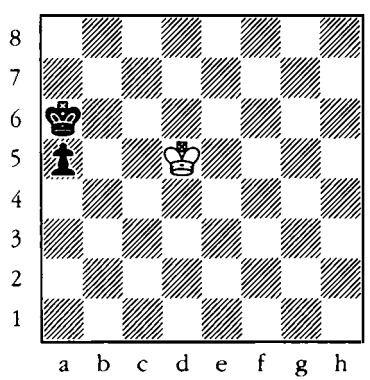

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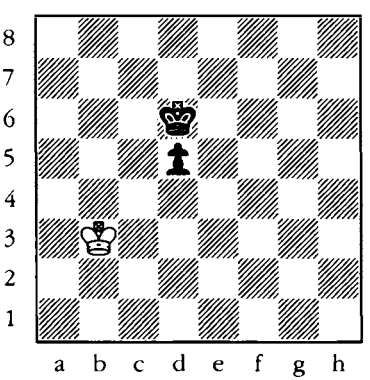
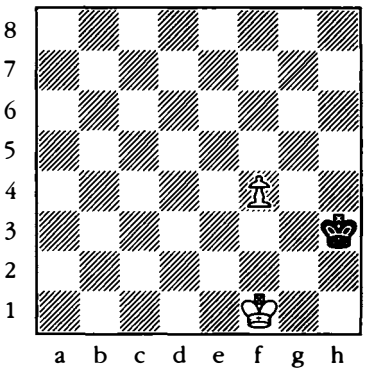


114

King + pawn vs. king

White to move and win.



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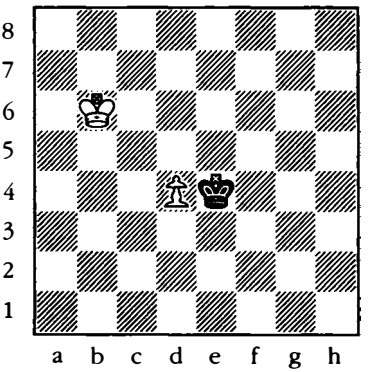

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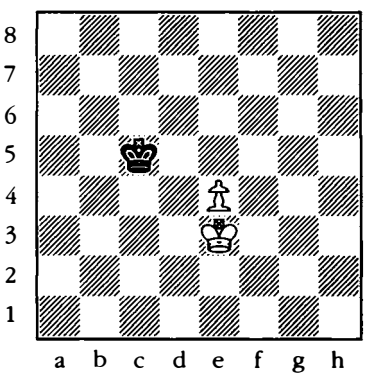

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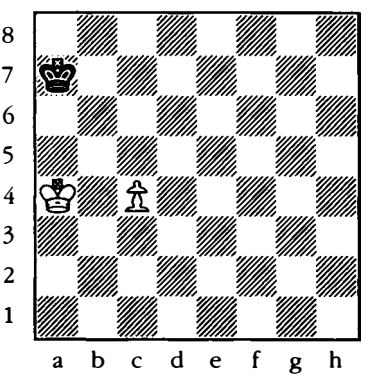

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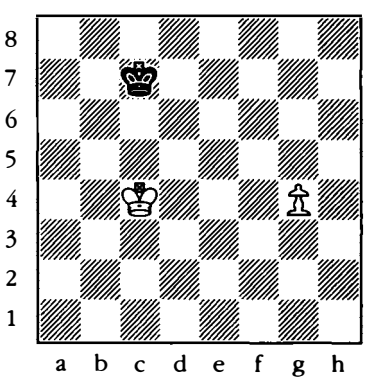

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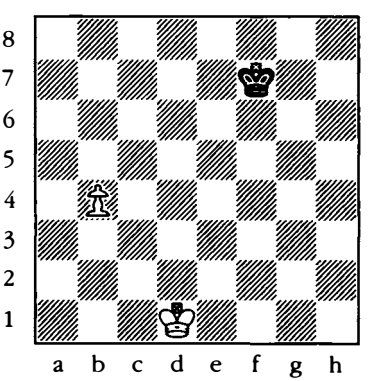
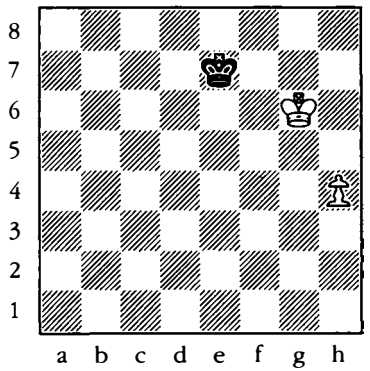


120

King + pawn vs. king

Black to move. Make a draw.



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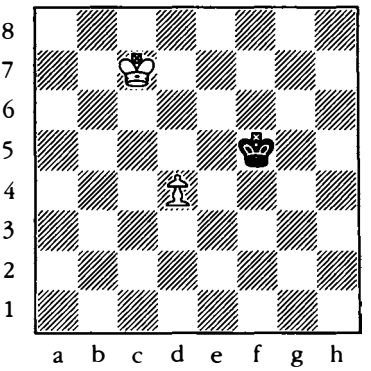

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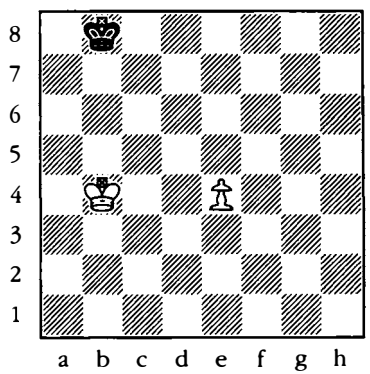

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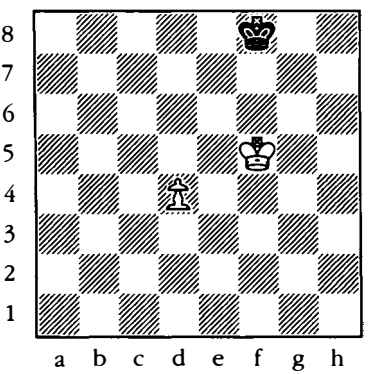

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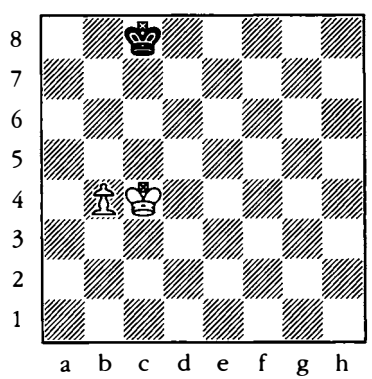

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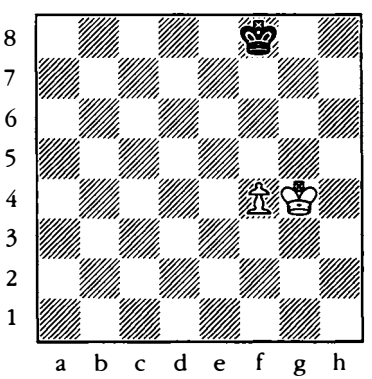
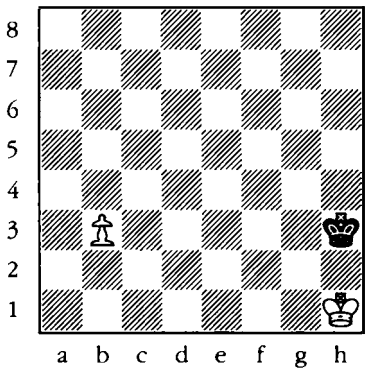


126

King + pawn vs. king

White to move and win.

Black pawn on the sixth rank or white pawn on the third rank.



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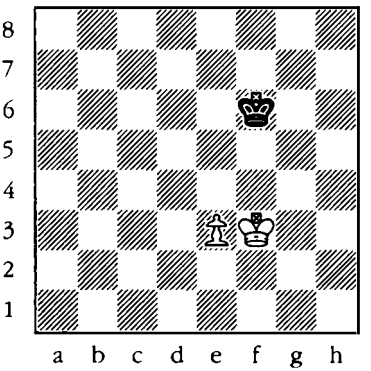

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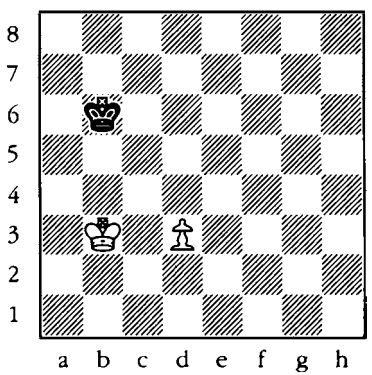

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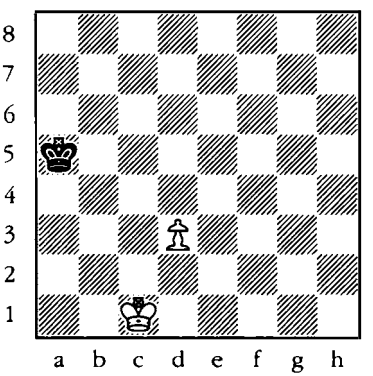

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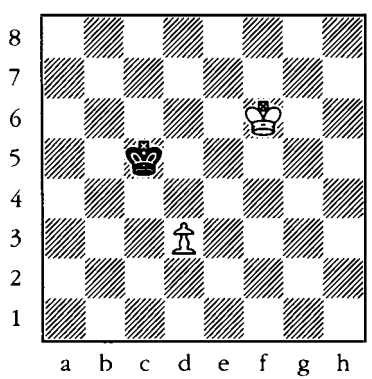

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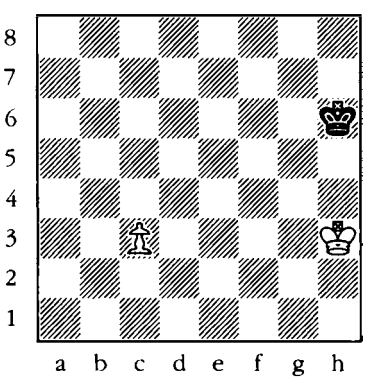
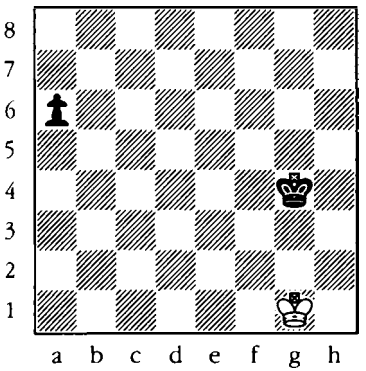


132

King + pawn vs. king

Black to move and win.



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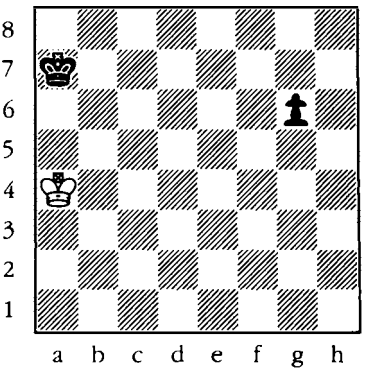

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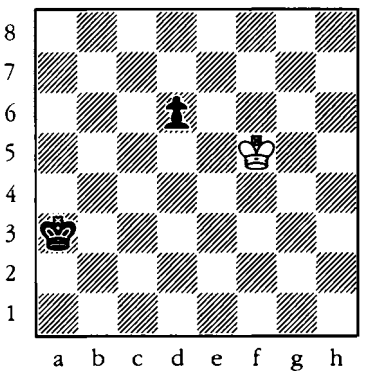

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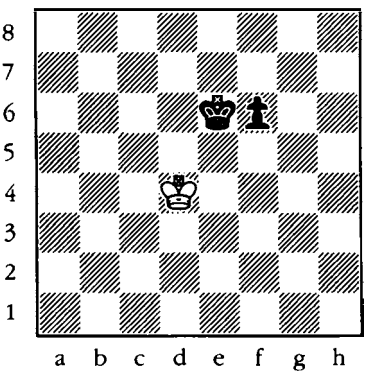

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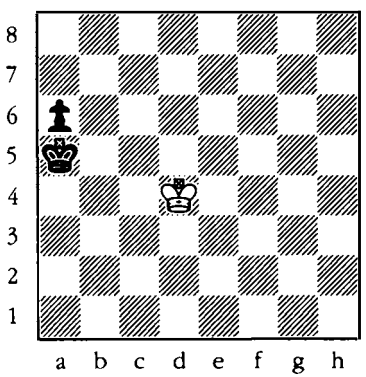

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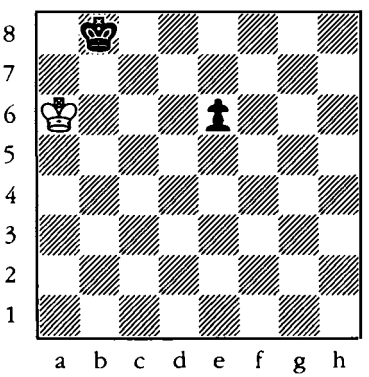
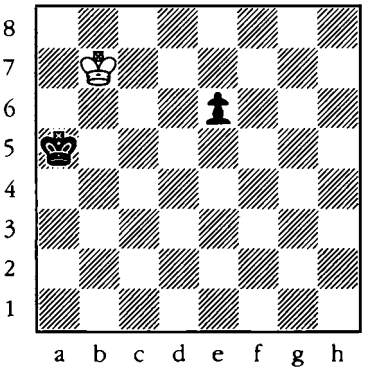


138

King + pawn vs. king

White to move. Make a draw.



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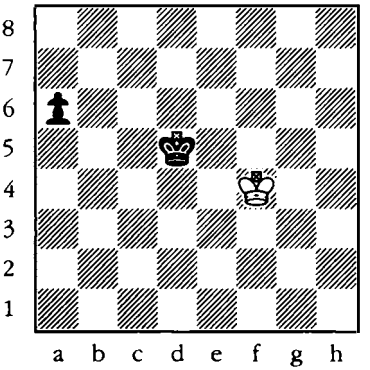

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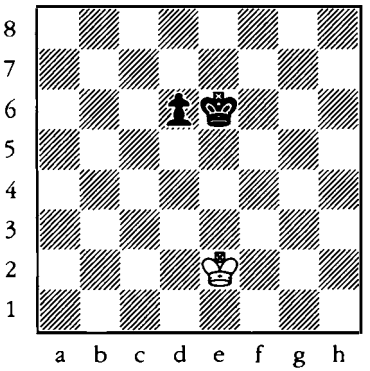

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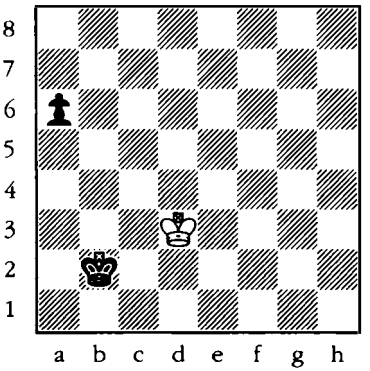

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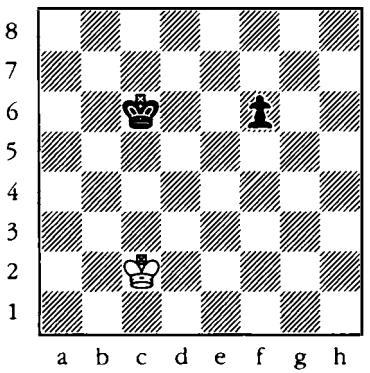

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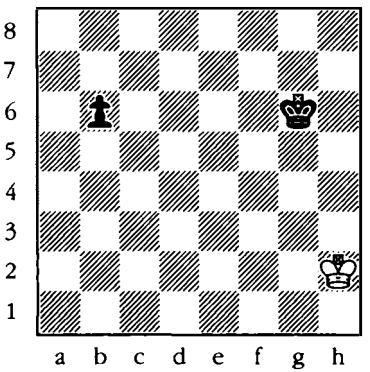
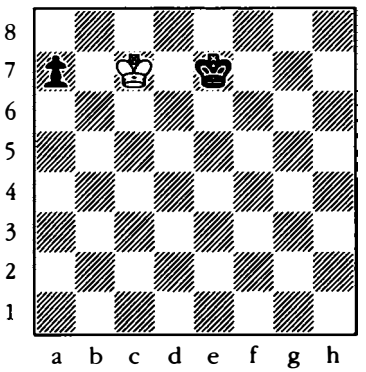


144

King + pawn vs. king

Black to move and win.

Black pawn on the seventh rank or white pawn on the second rank.



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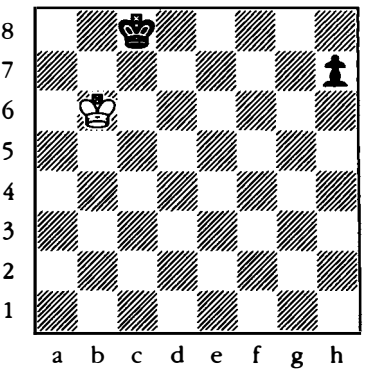

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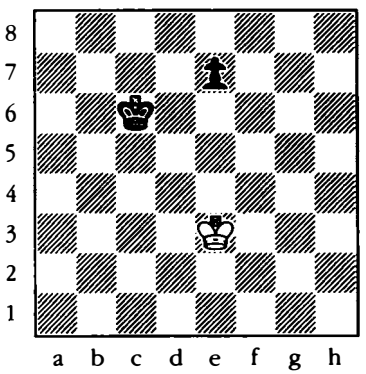

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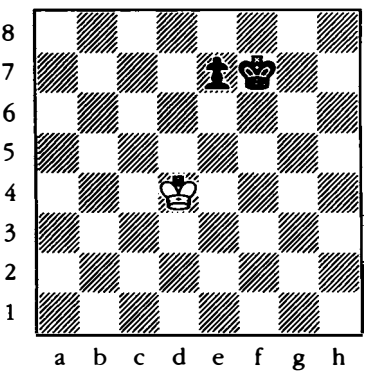

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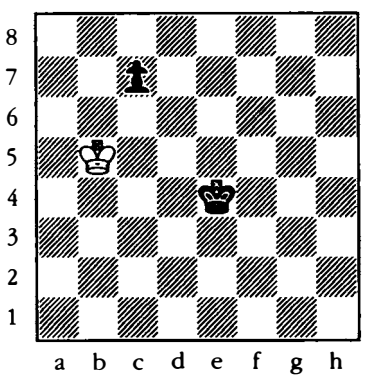

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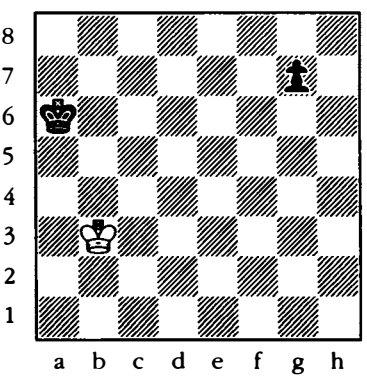
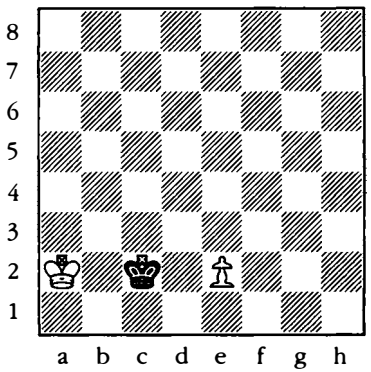


150

King + pawn vs. king

White to move and win.



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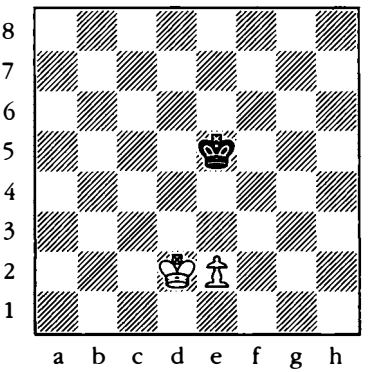

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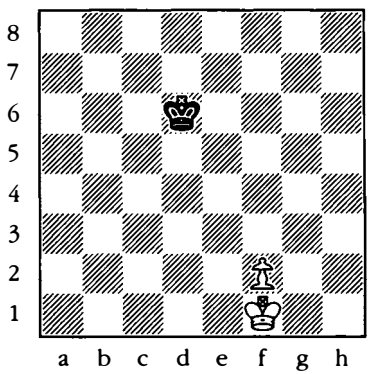

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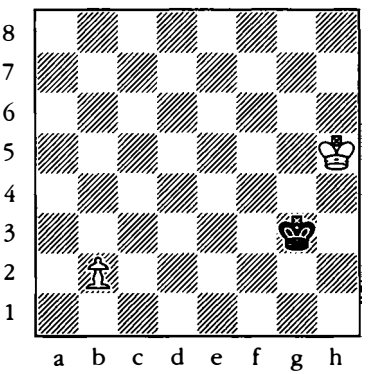

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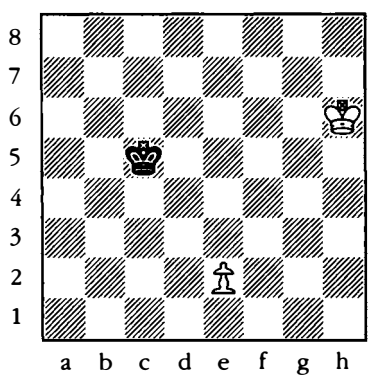

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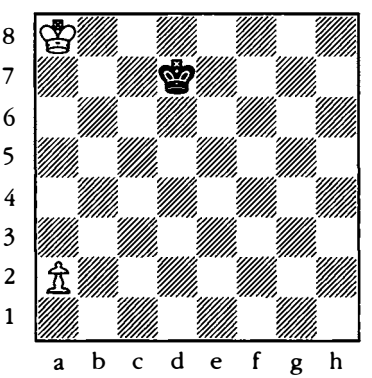
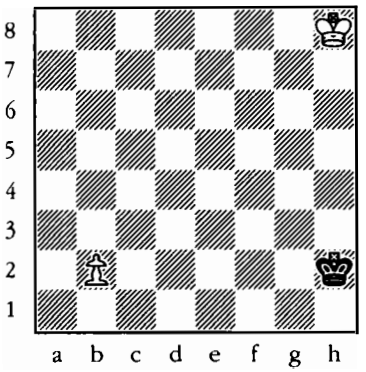


156

King + pawn vs. king

Black to move. Find the best move.



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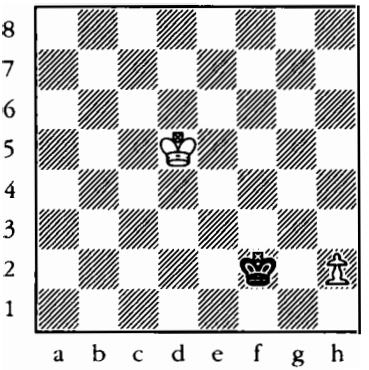

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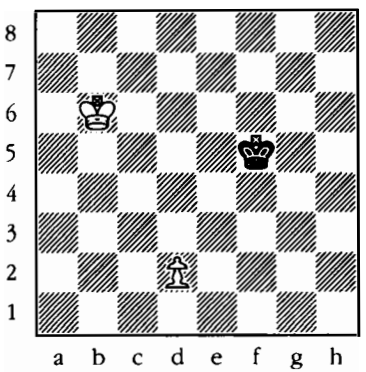

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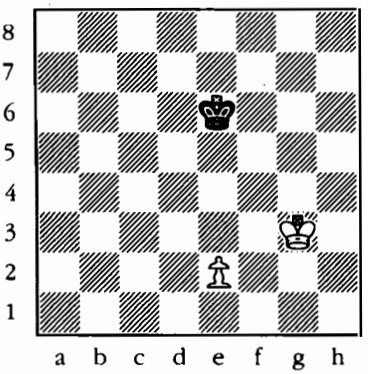

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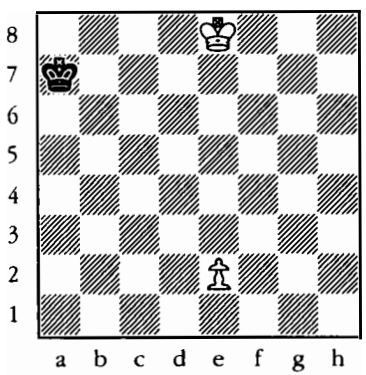

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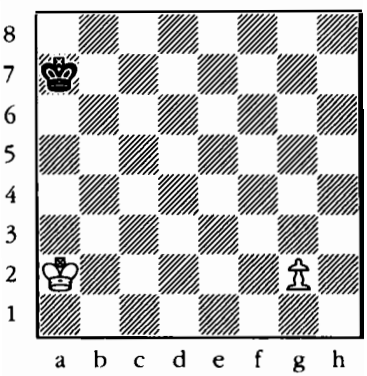


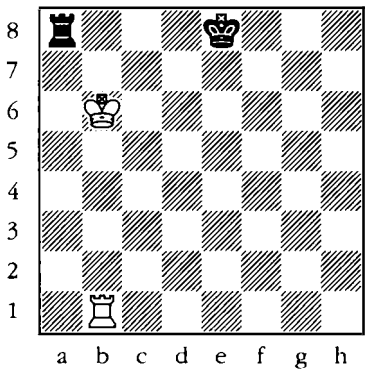
162

Endgames with Four Pieces

King + one piece vs. king + one piece

King + rook vs. king + rook

Black to move. Black wins White's rook.



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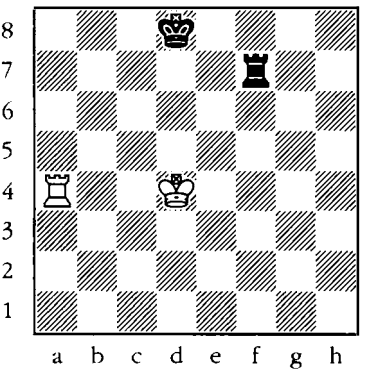

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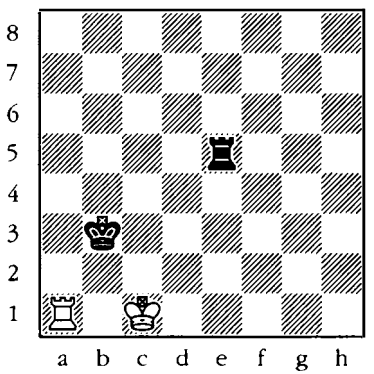

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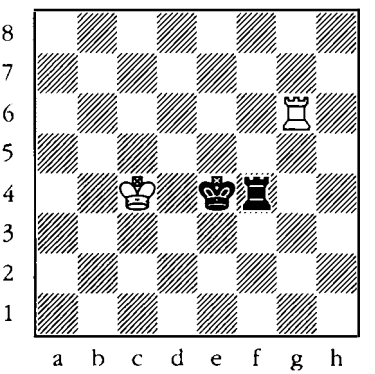

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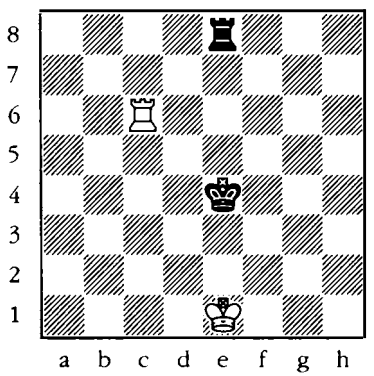

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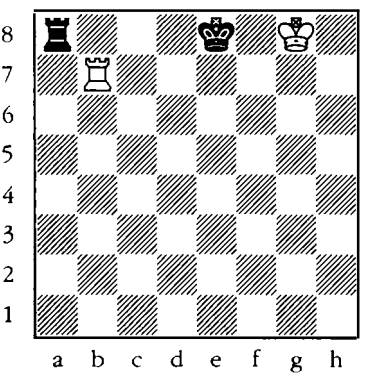
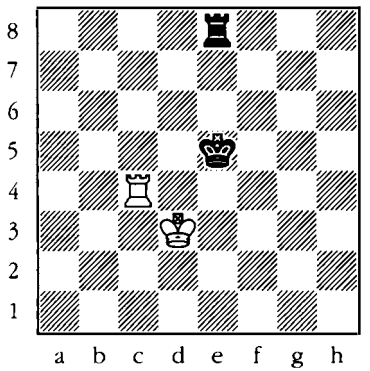


168

King + rook vs. king + rook

White to move. White wins Black's rook.



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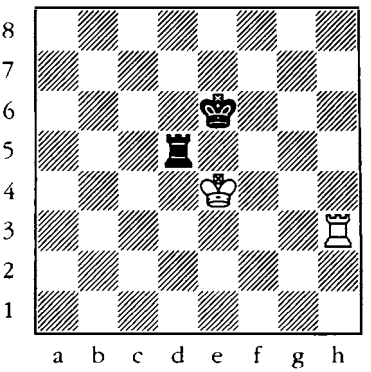

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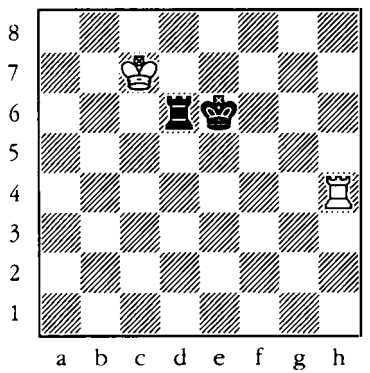

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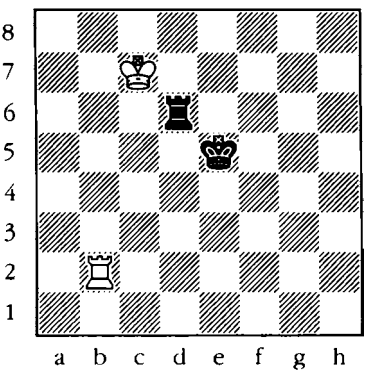

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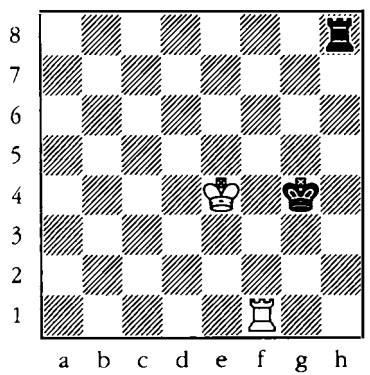

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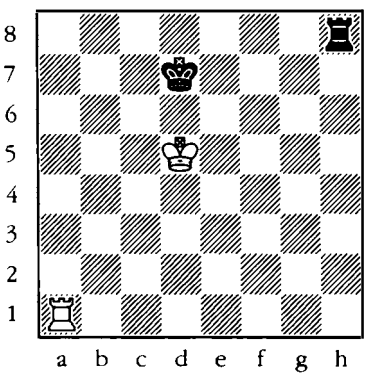
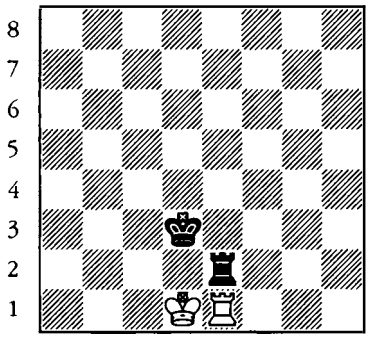


174

King + rook vs. king + rook

Black to move. Black wins White's rook.



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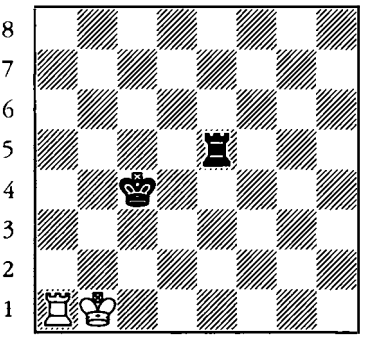

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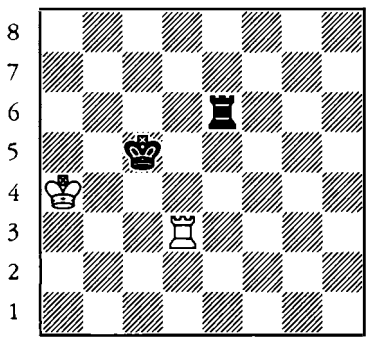

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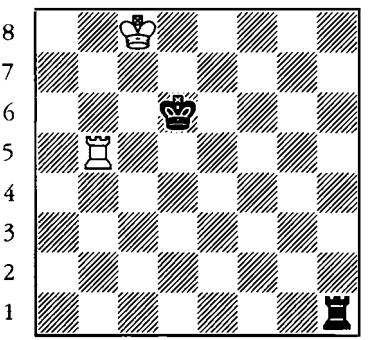

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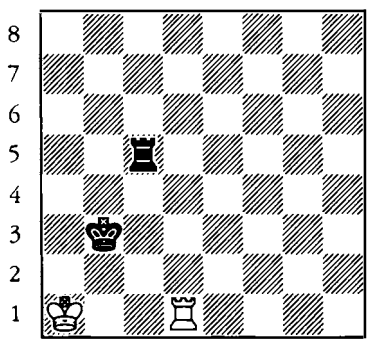

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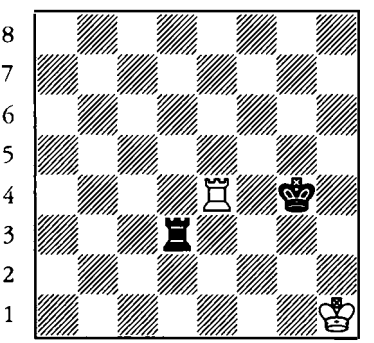
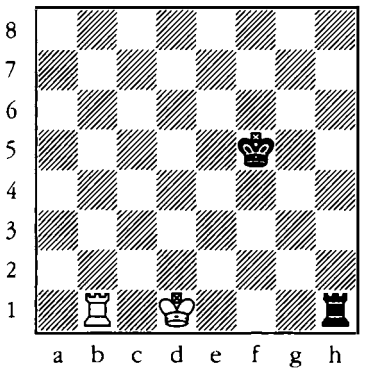


180

King + rook vs. king + rook

White to move. Make a draw.



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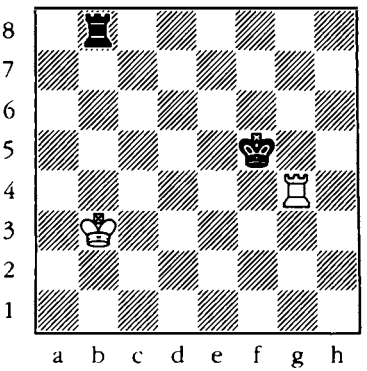

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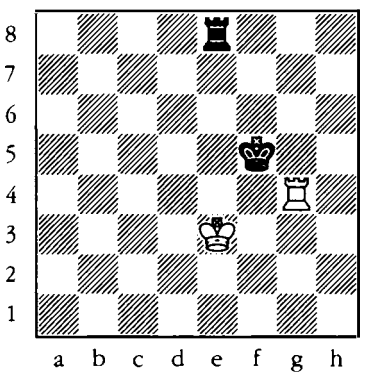

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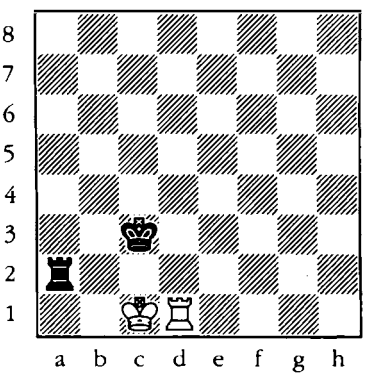

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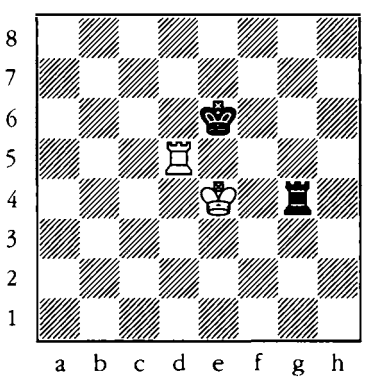

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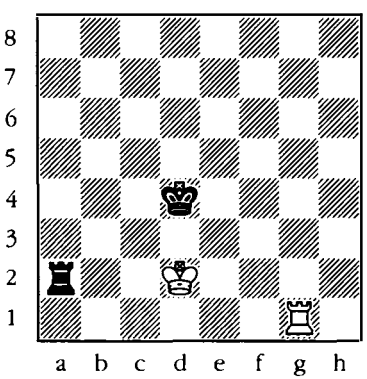
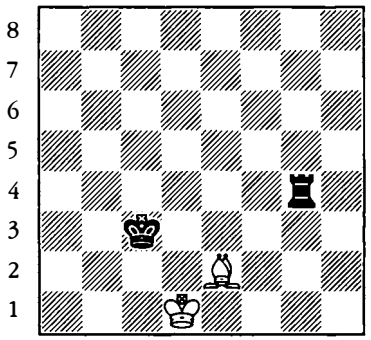


186

King + rook vs. king + bishop

Black to move. Black wins the bishop.



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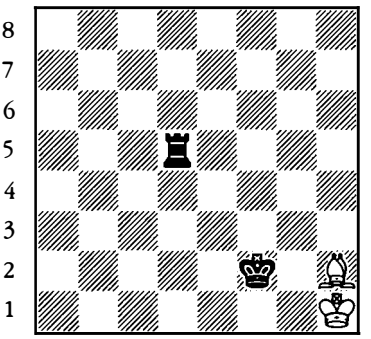

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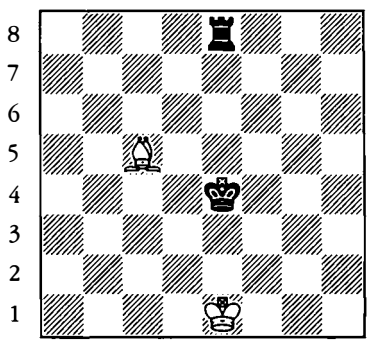

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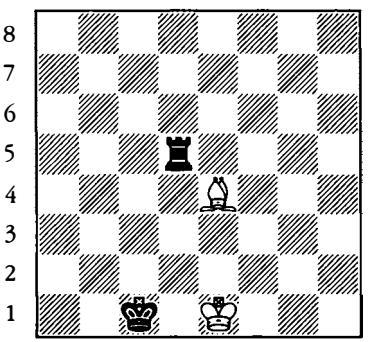

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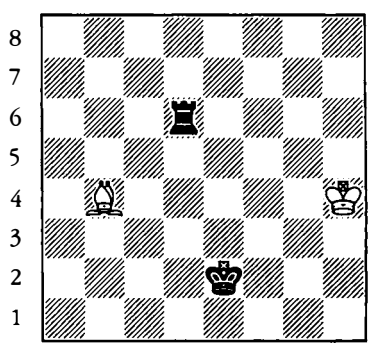

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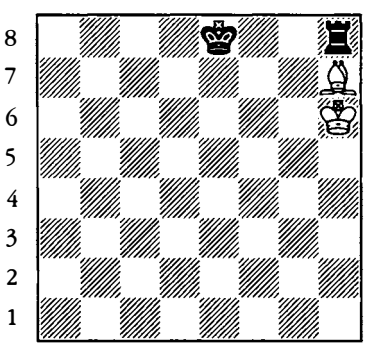
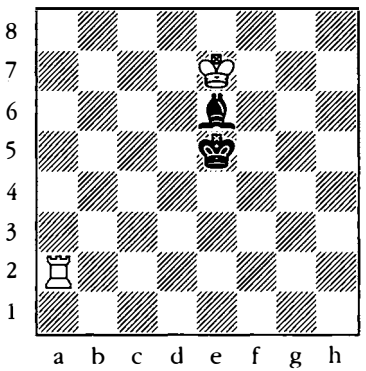


192

King + rook vs. king + bishop

White to move. White wins the bishop.



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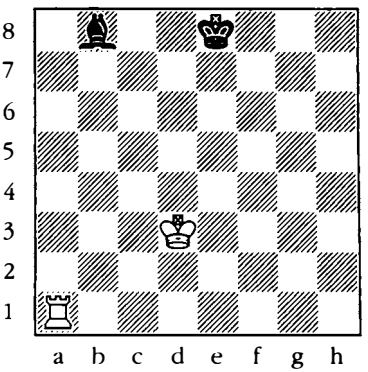

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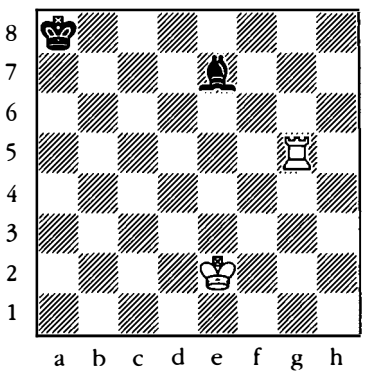

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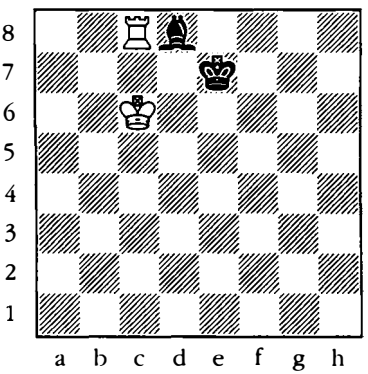

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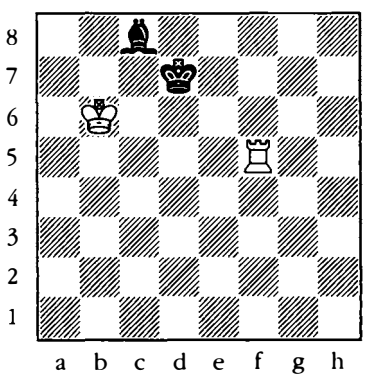

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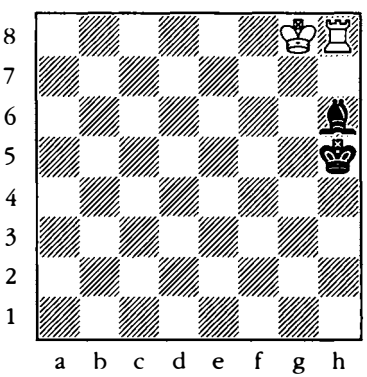
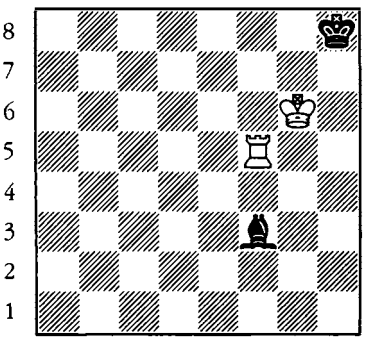


198

King + rook vs. king + bishop

Black to move. Make a draw.



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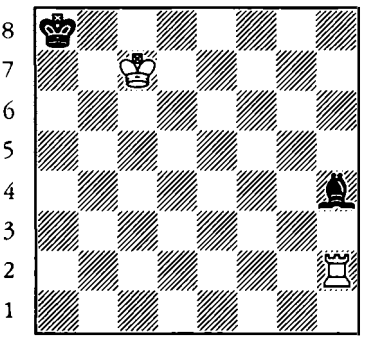

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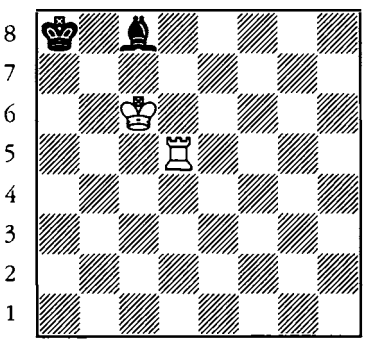

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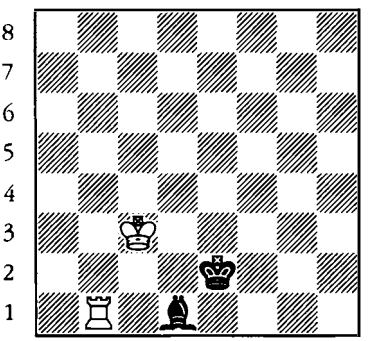

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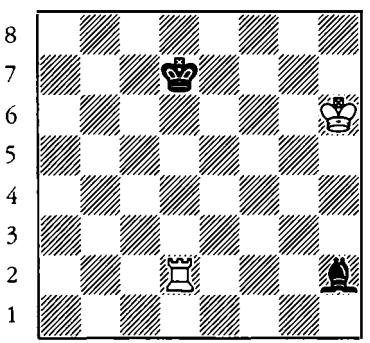

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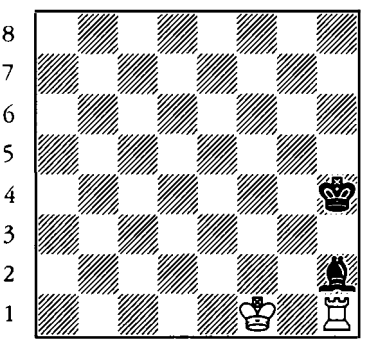
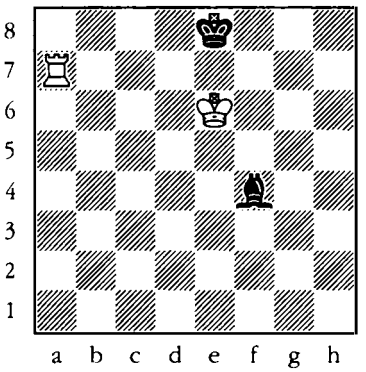


204

King + rook vs. king + bishop

White to move. Checkmate in two moves.



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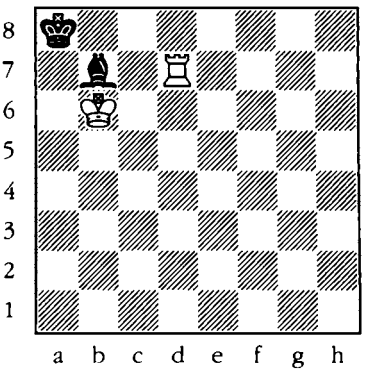

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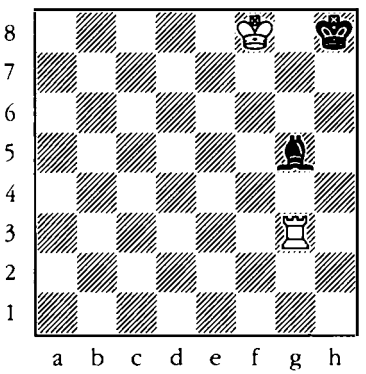

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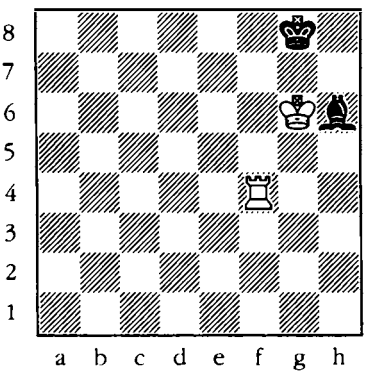

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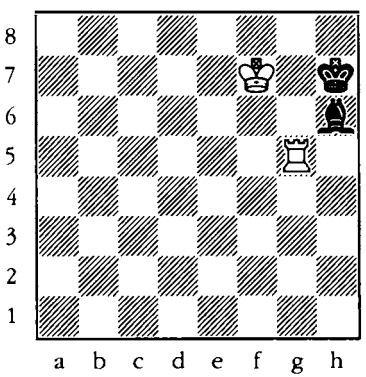

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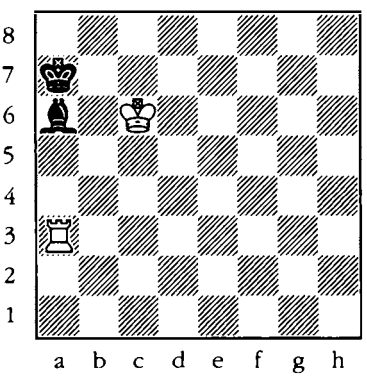
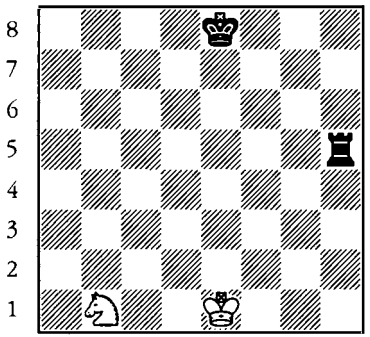


210

King + rook vs. king + knight

Black to move. Black wins the knight.



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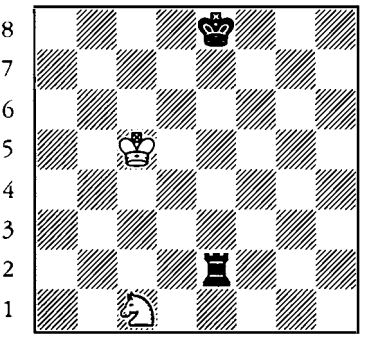

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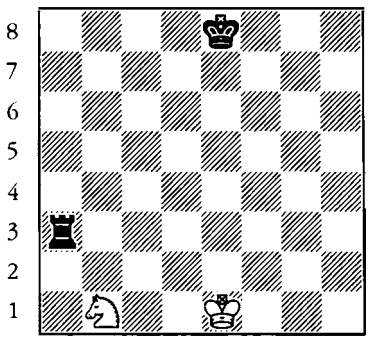

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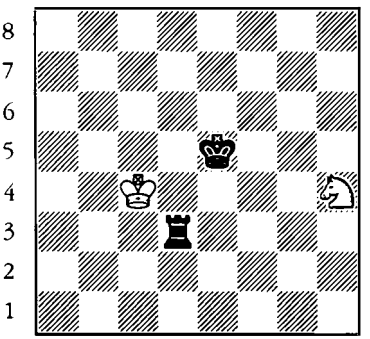

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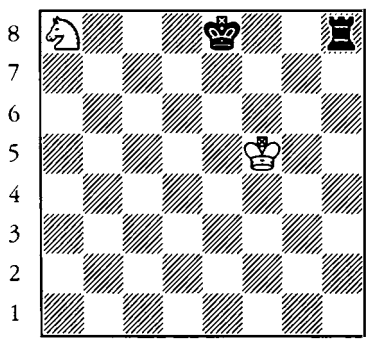

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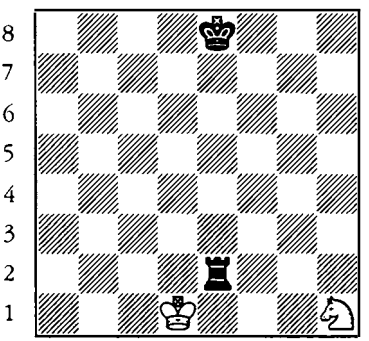
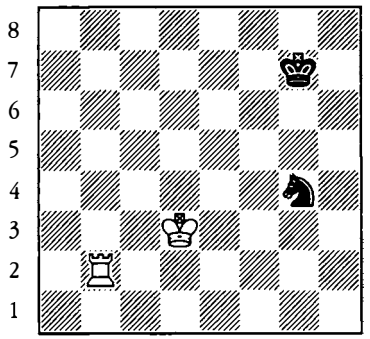


216

King + rook vs. king + knight

White to move. White wins the knight.



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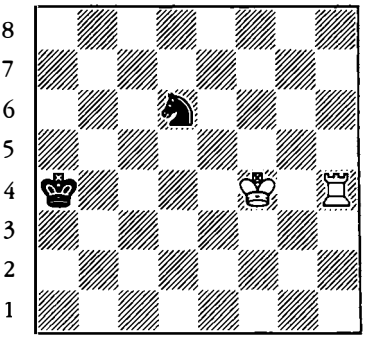

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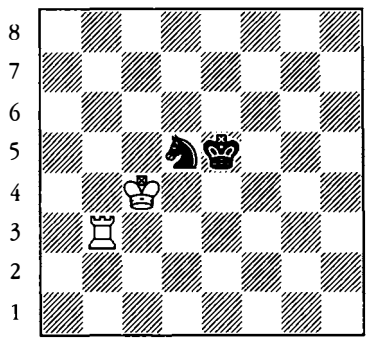

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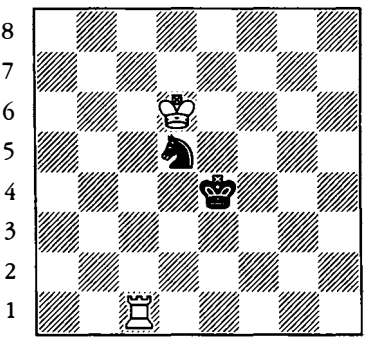

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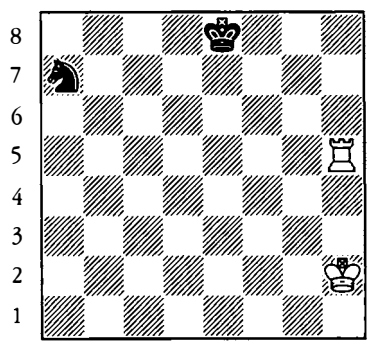

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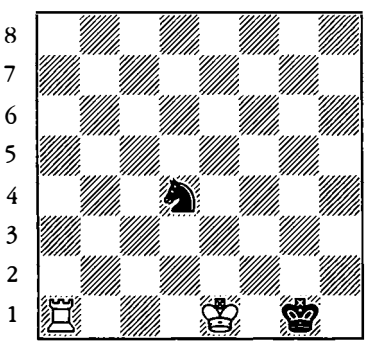
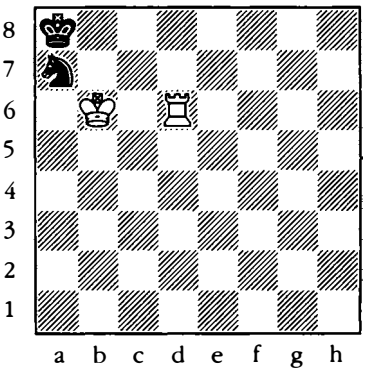


222

King + rook vs. king + knight

Black to move. Make a draw.



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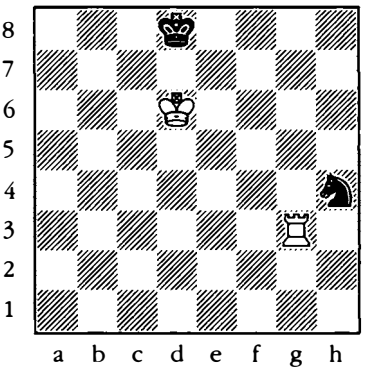

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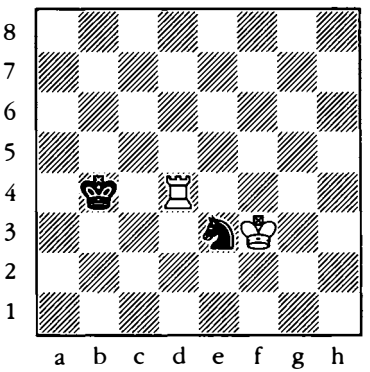

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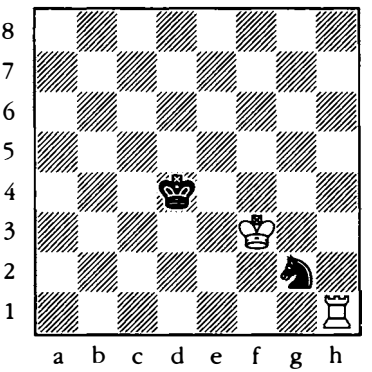

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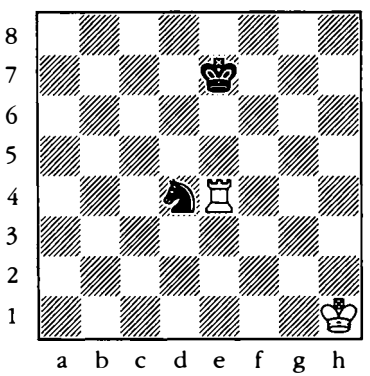

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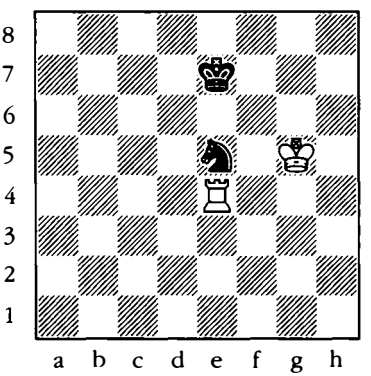
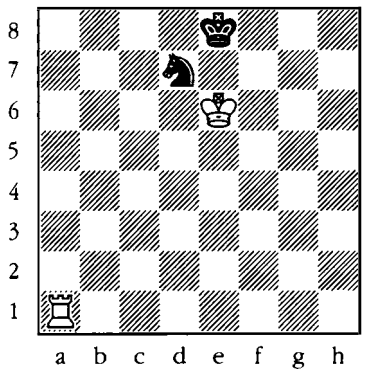


228

King + rook vs. king + knight

White to move. Checkmate in two moves.



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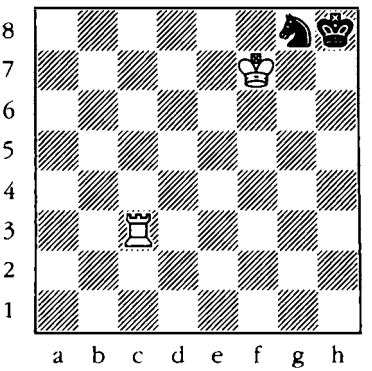

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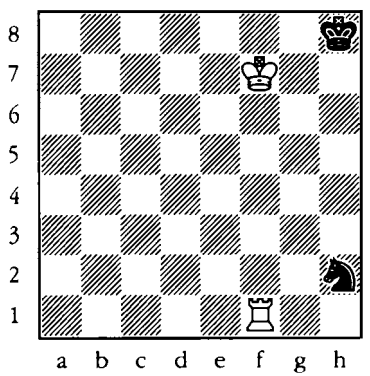

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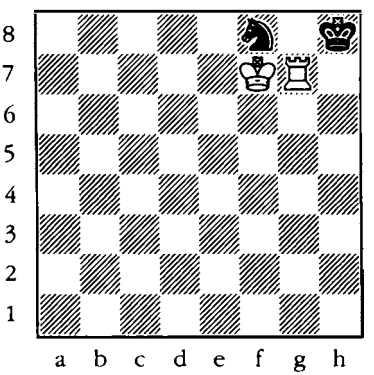

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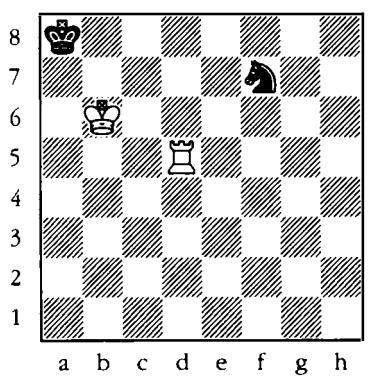

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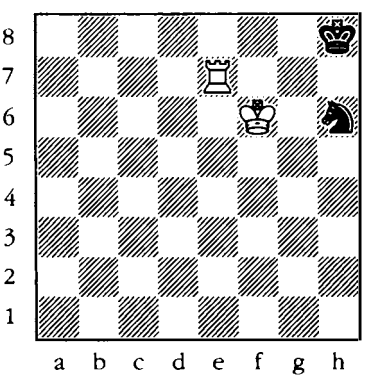
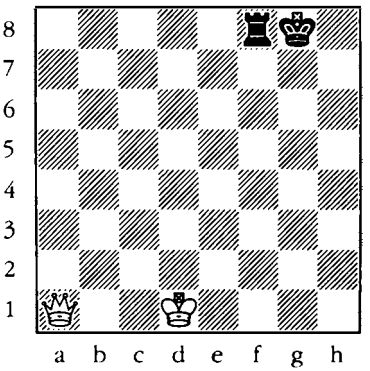


234

King + rook vs. king + queen

Black to move. Black wins the queen.



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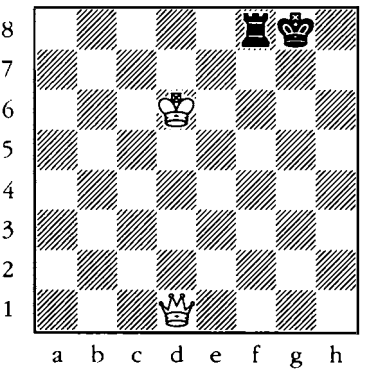

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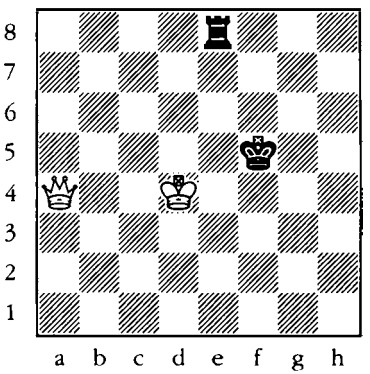

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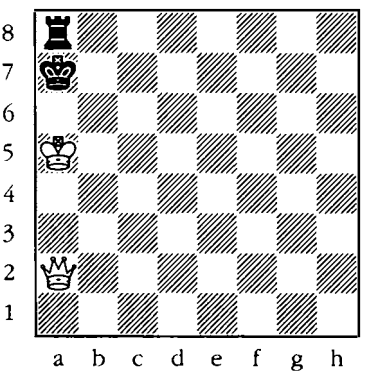

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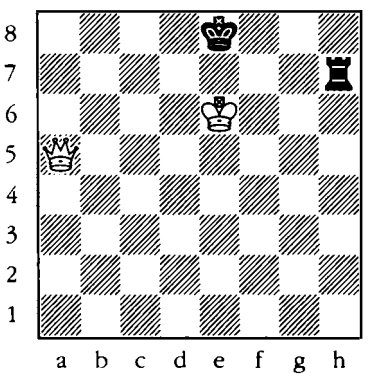

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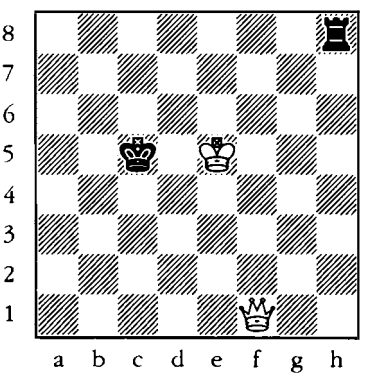
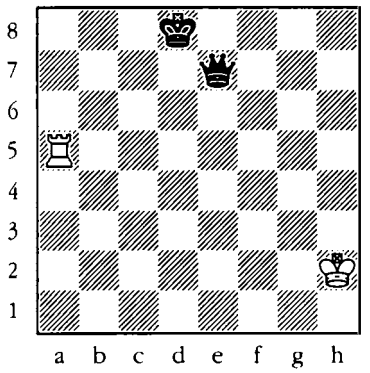


240

King + rook vs. king + queen

White to move. Make a draw.



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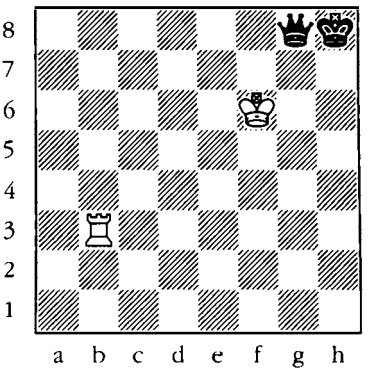

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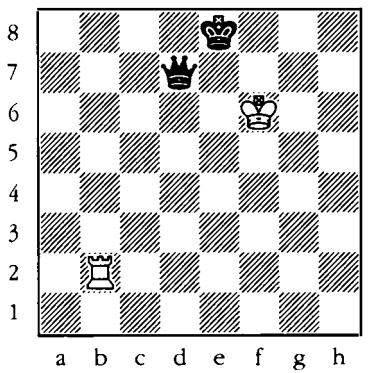

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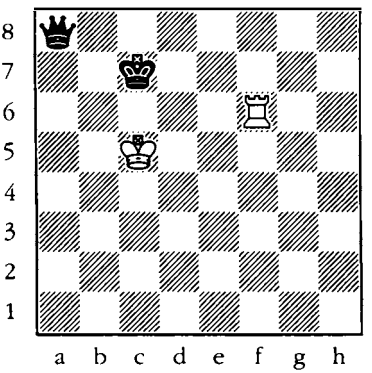

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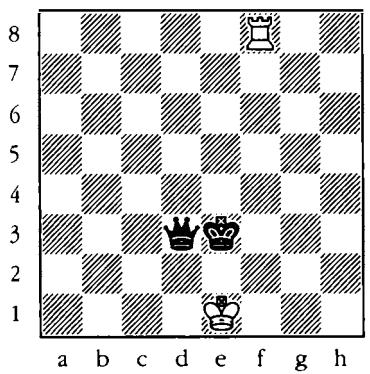

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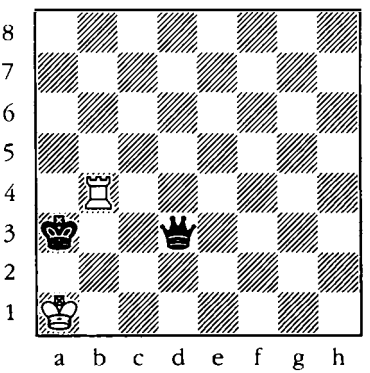
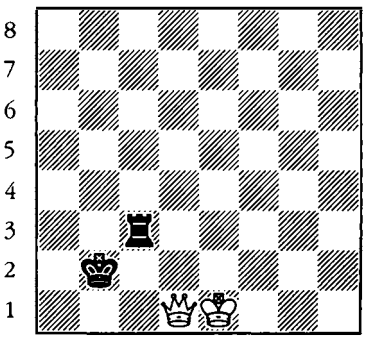


246

King + rook vs. king + queen

Black to move. Make a draw.



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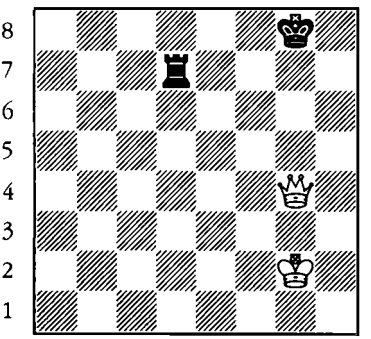

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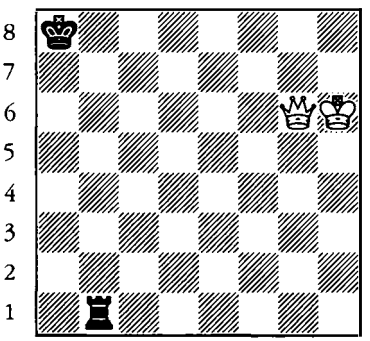

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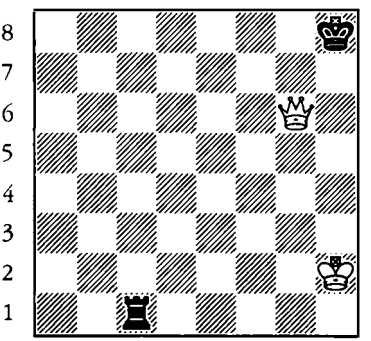

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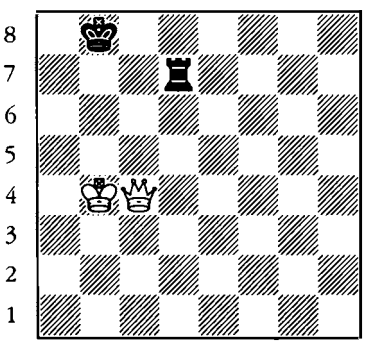

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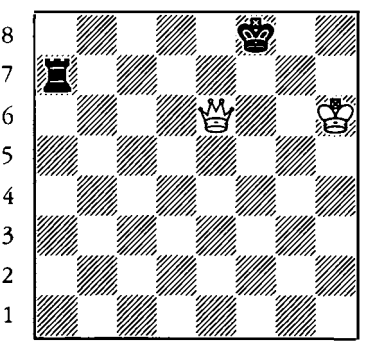
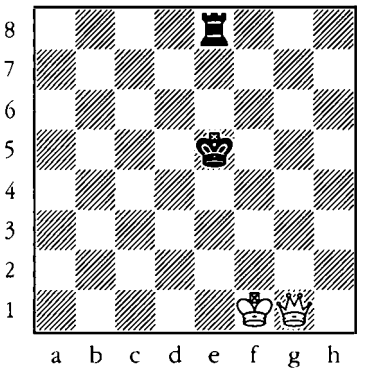


252

King + rook vs. king + queen

White to move. White wins the rook.



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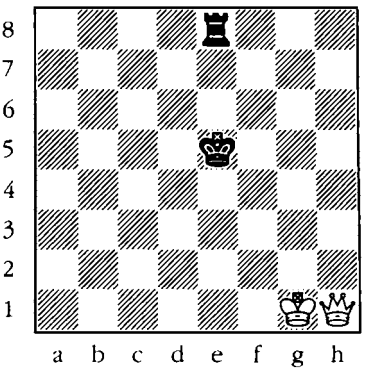

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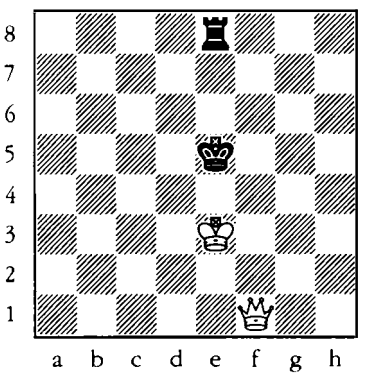

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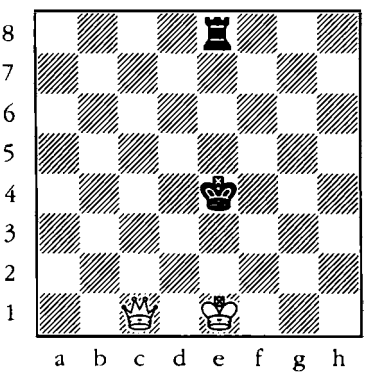

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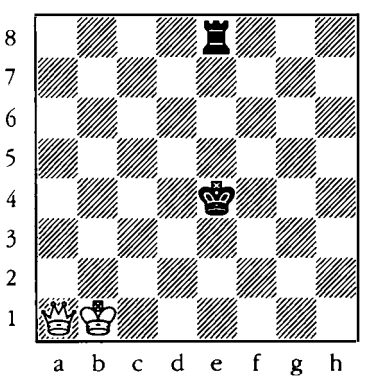

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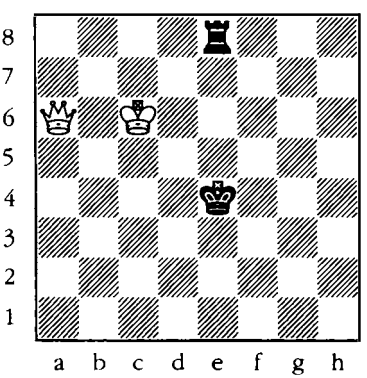
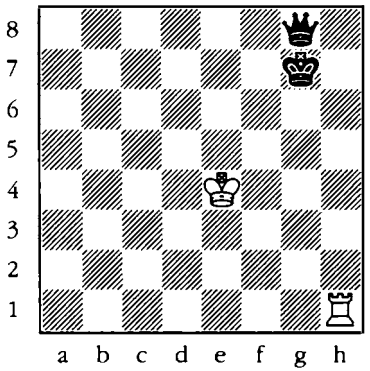


258

King + rook vs. king + queen

Black to move. Black wins the rook in two moves.



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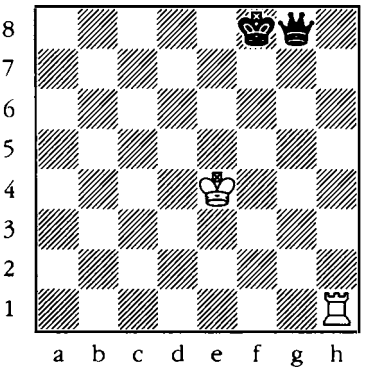

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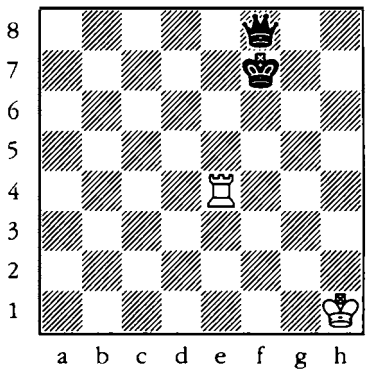

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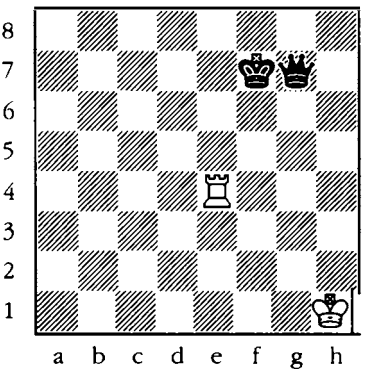

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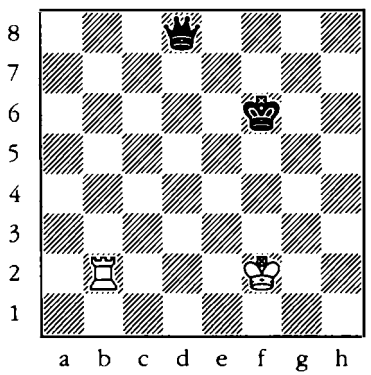

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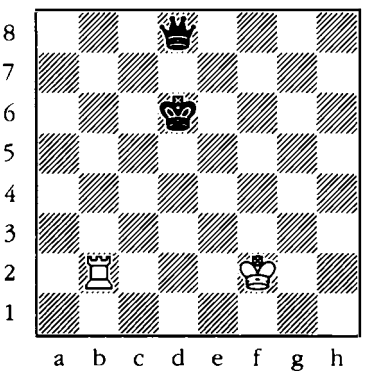
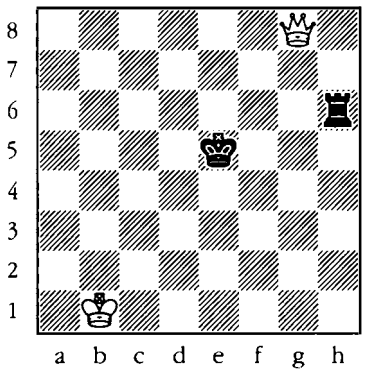


264

King + rook vs. king + queen

White to move. Win Black's rook in the fewest possible moves.



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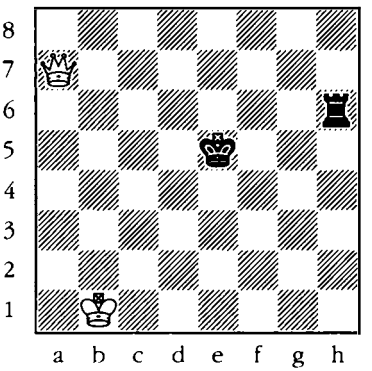

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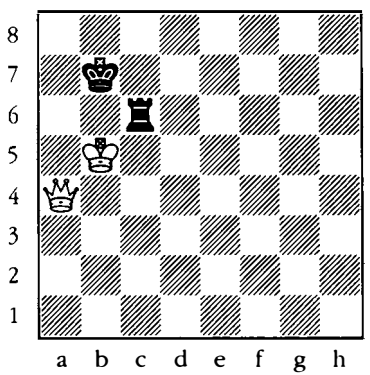

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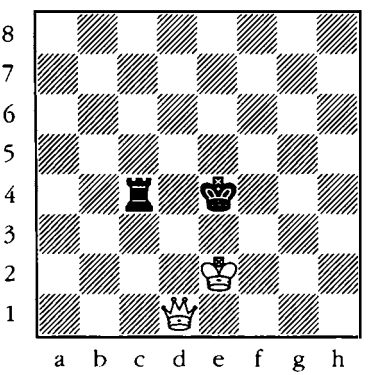

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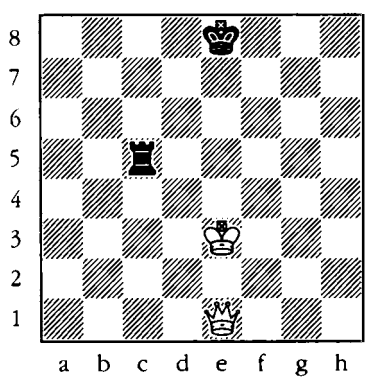

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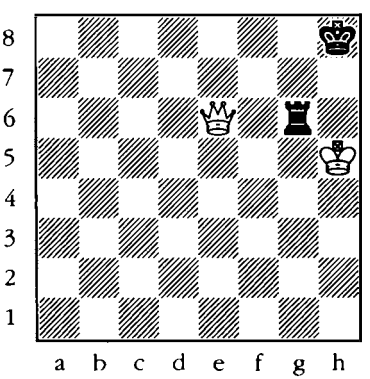
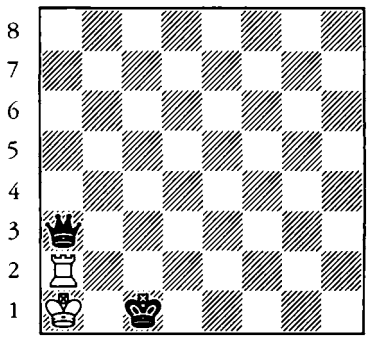


270

King + rook vs. king + queen

Black to move. Checkmate in two moves.



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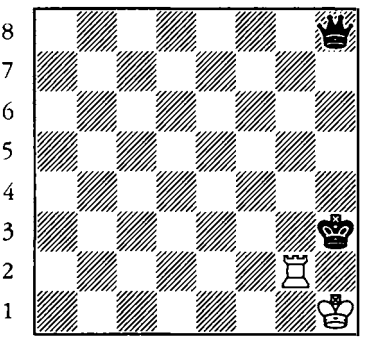

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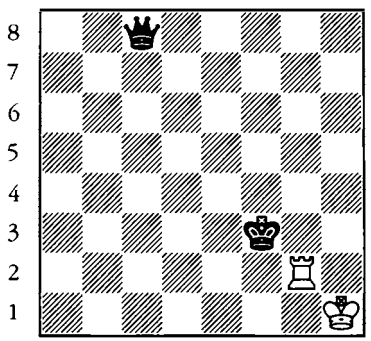

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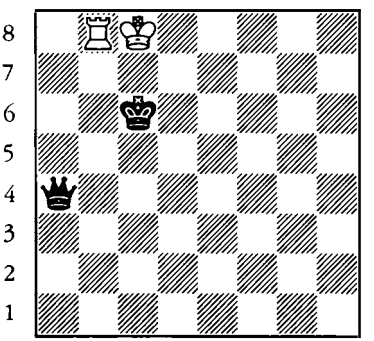

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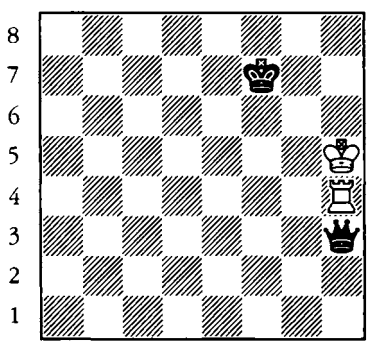

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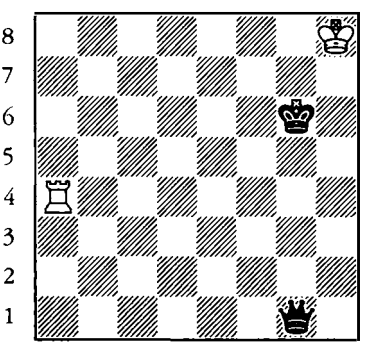
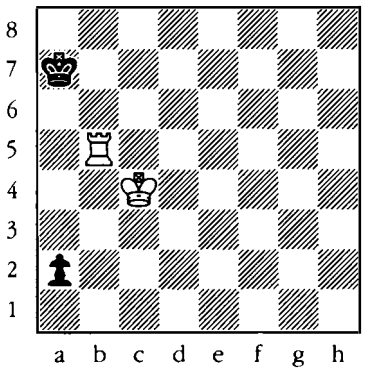


276

King + rook vs. king + pawn

White to move. White wins the pawn.



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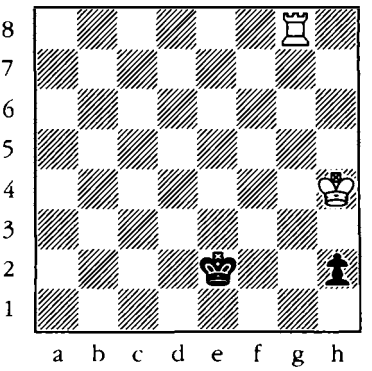

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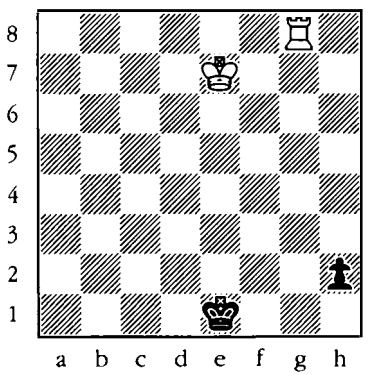

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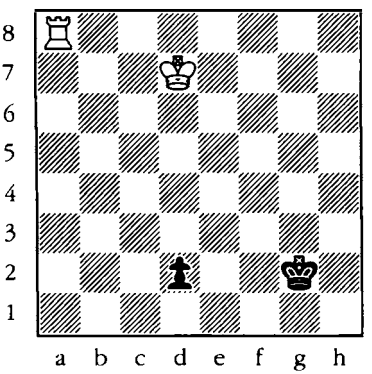

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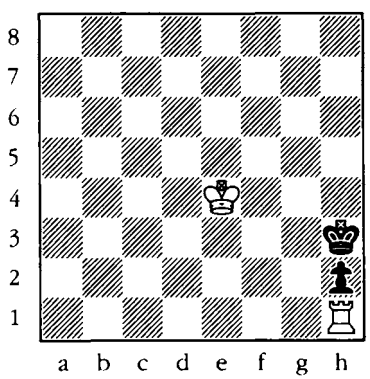

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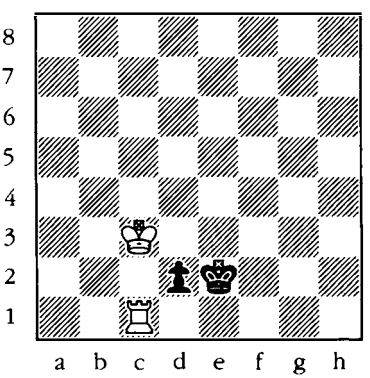
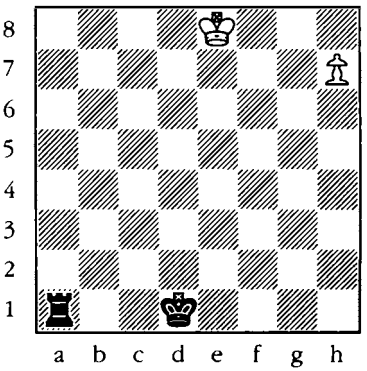


282

King + rook vs. king + pawn

Black to move. Win the pawn for Black in the fewest possible moves.



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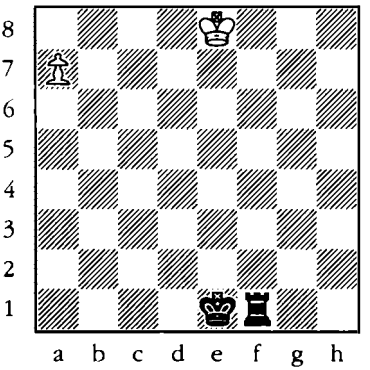

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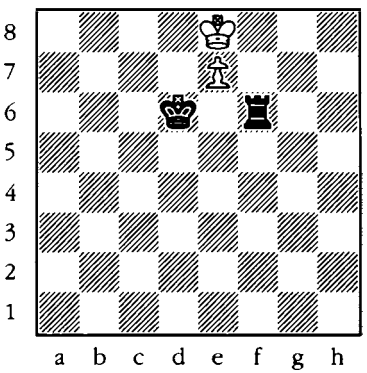

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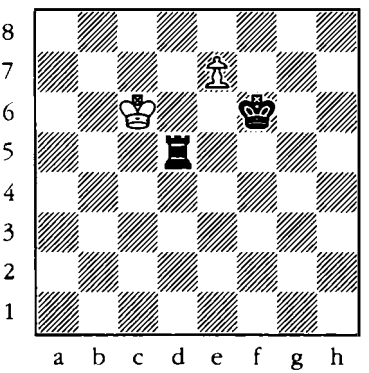

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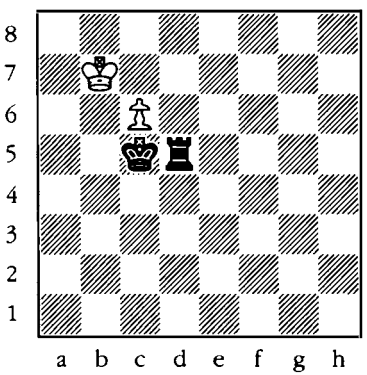

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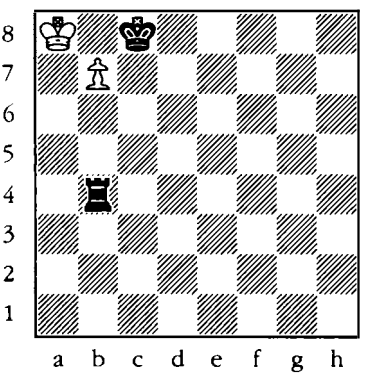
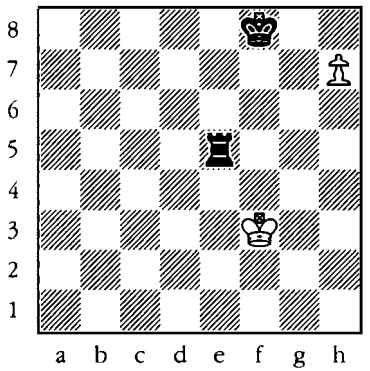


288

King + rook vs. king + pawn

White to move. White wins the rook.



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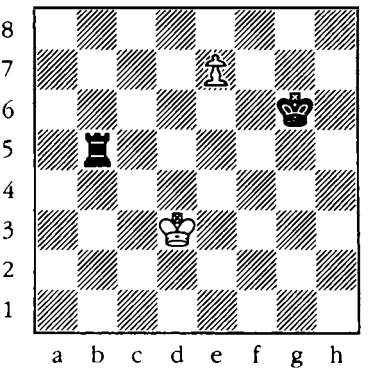

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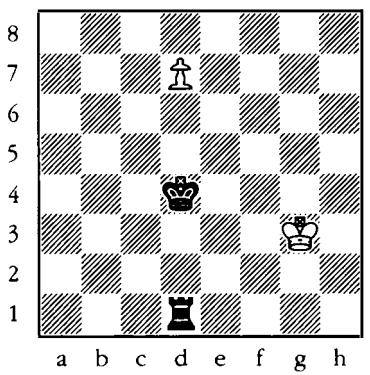

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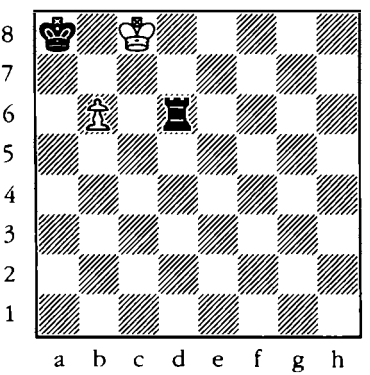

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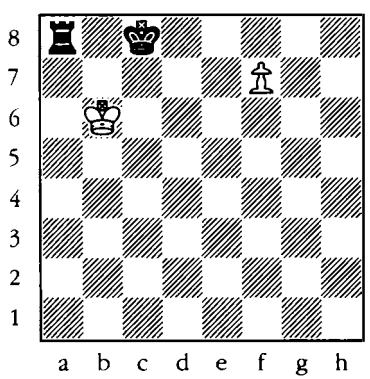

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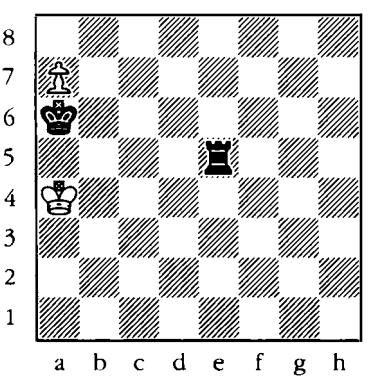
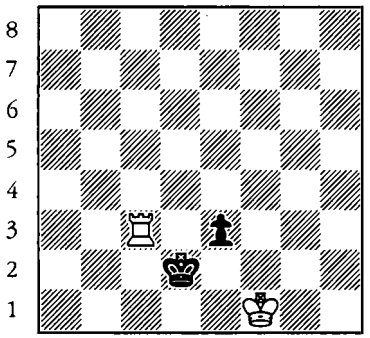


294

King + rook vs. king + pawn

Black to move. Black promotes his pawn to a queen.



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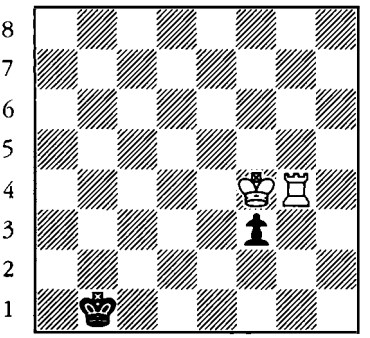

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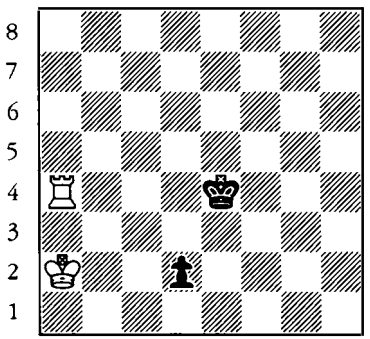

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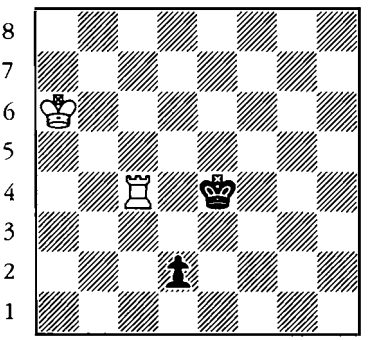

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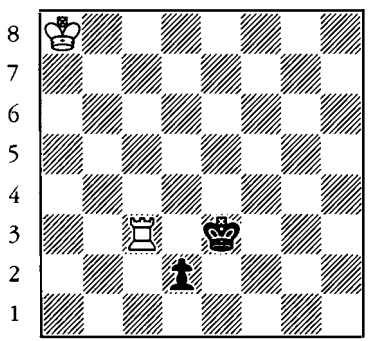

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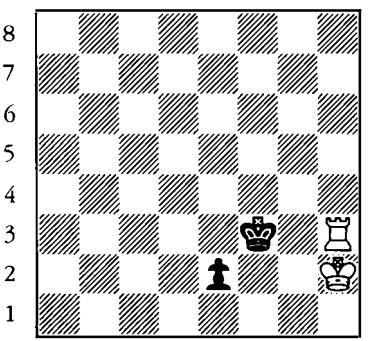
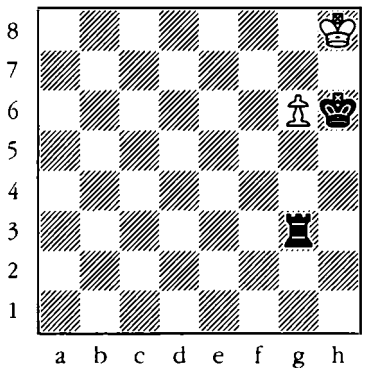


300

King + rook vs. king + pawn

White to move. Make a draw.



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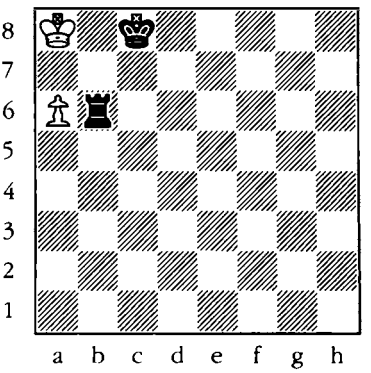

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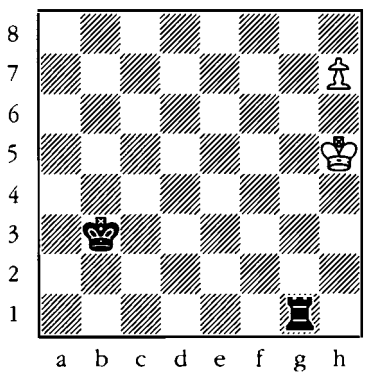

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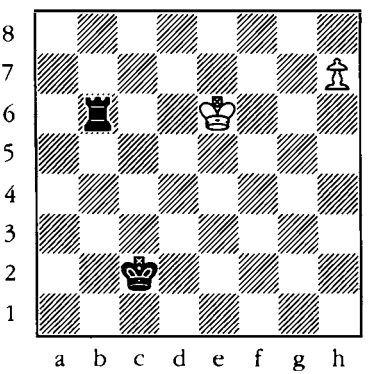

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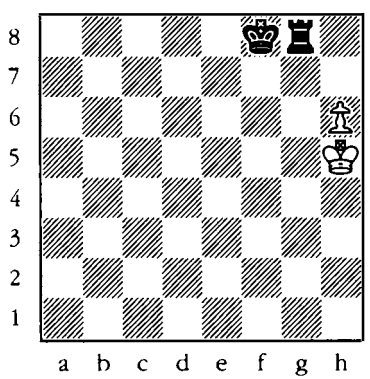

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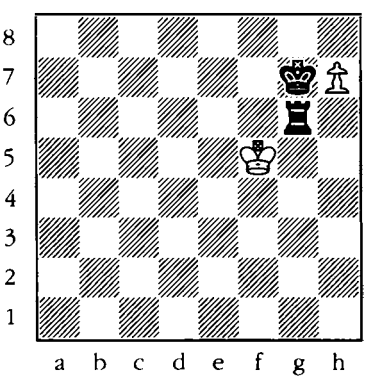
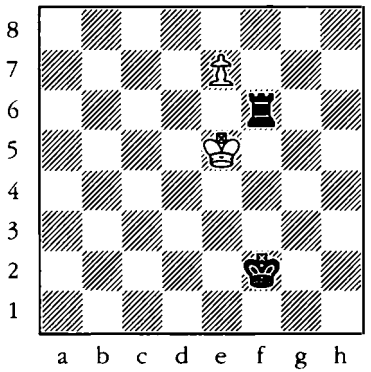


306

King + rook vs. king + pawn

Black to move. Make a draw.



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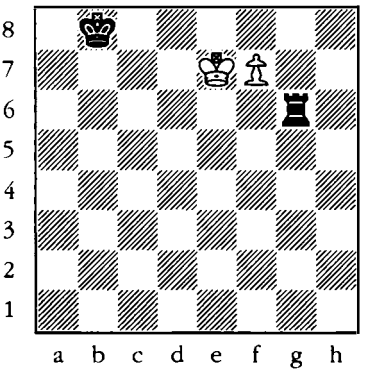

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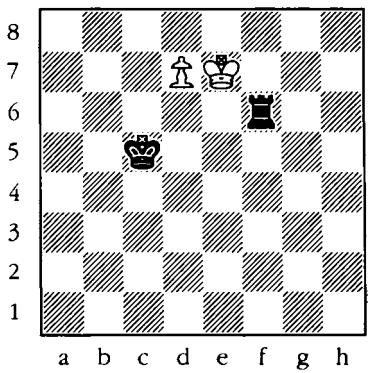

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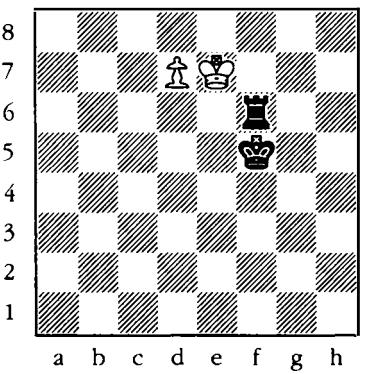

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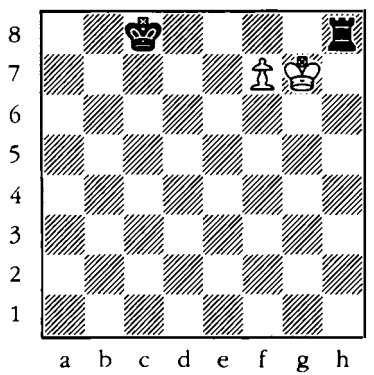

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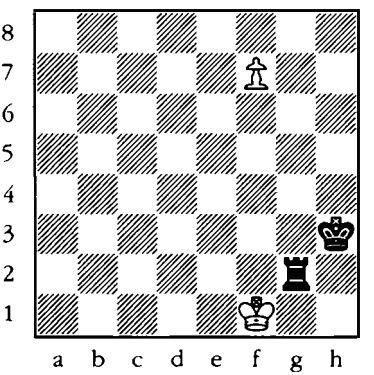
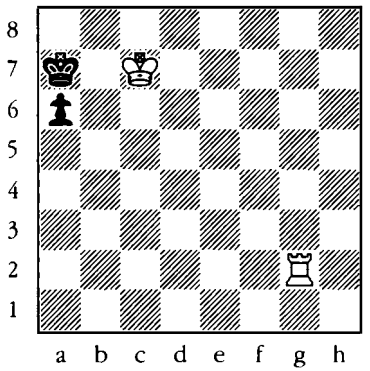


312

King + rook vs. king + pawn

White to move. Checkmate in two moves.



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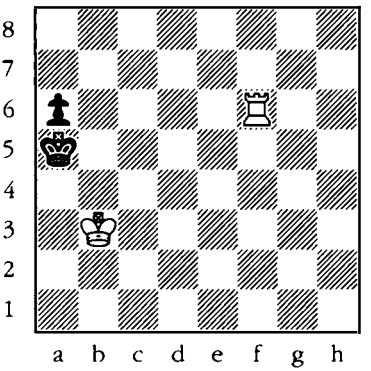

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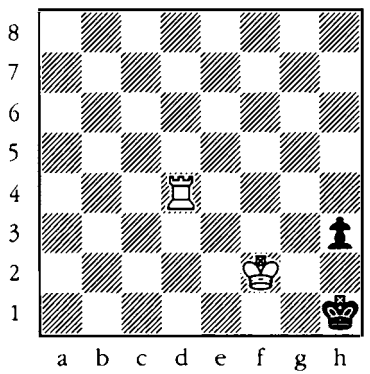

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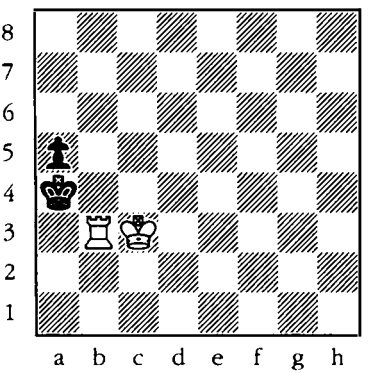

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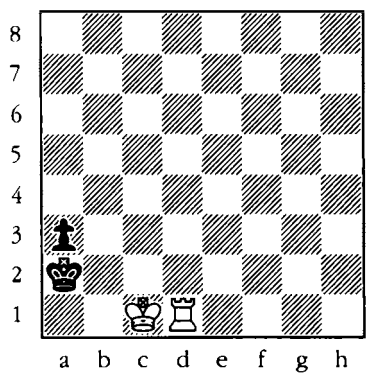

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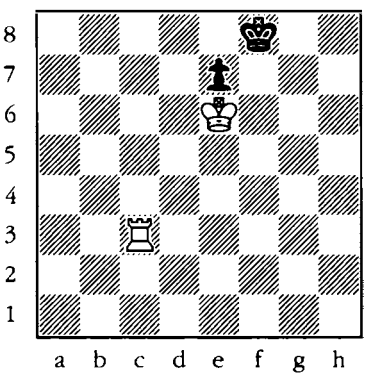
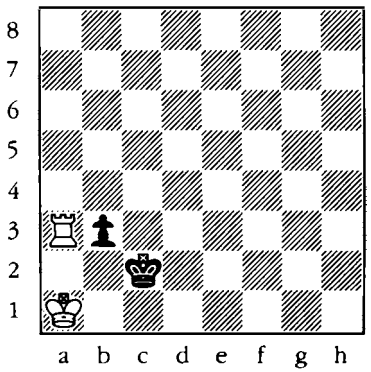


318

King + rook vs. king + pawn

Black to move. Checkmate in two moves.



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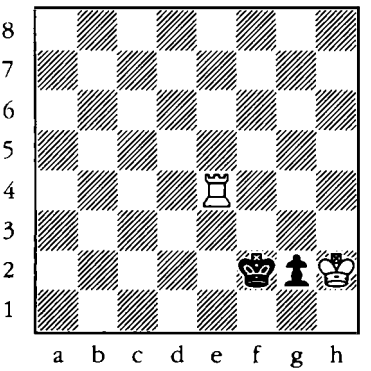

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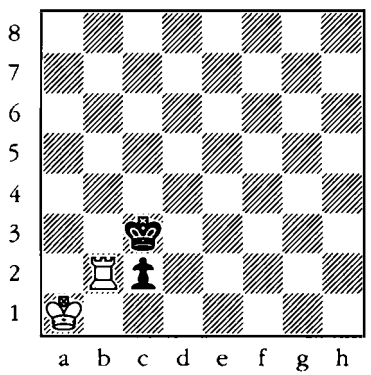

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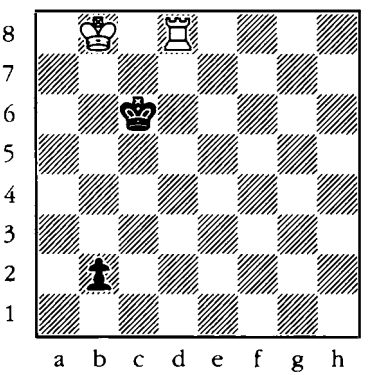

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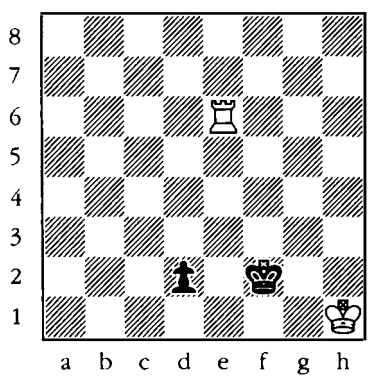

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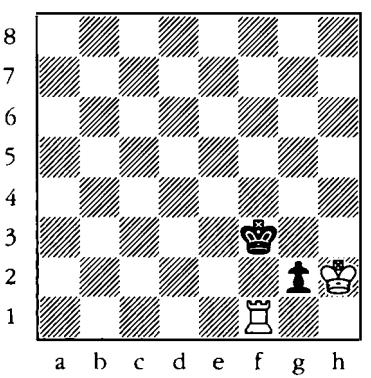
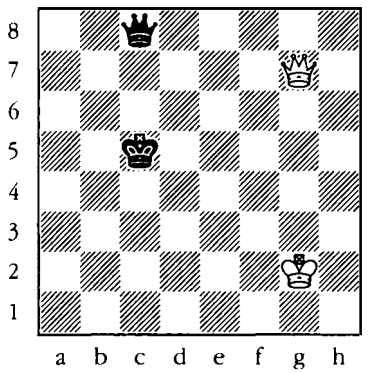


324

King + queen vs. king + queen

White to move. White wins Black's queen.



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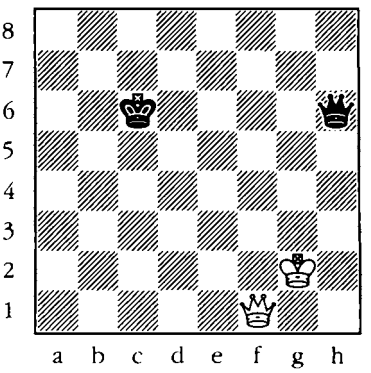

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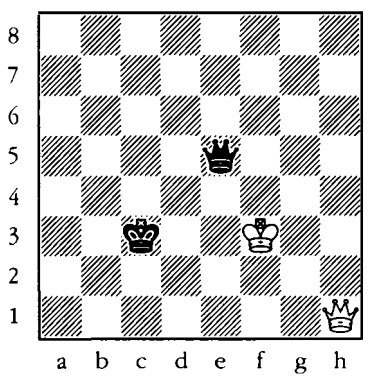

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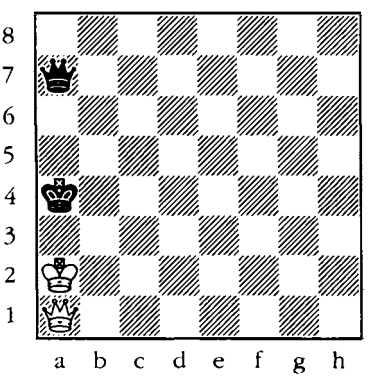

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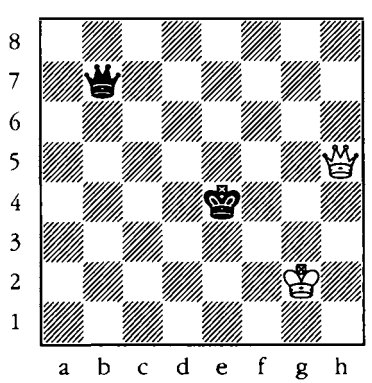

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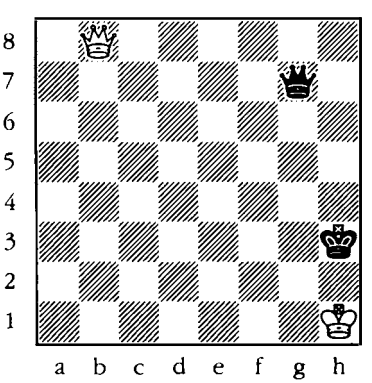
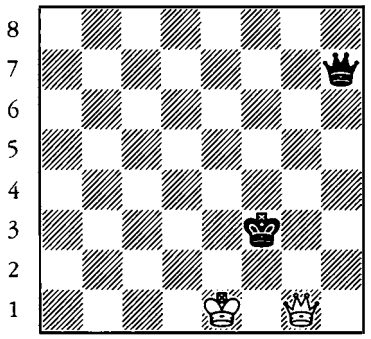


330

King + queen vs. king + queen

Black to move. Black wins White's queen.



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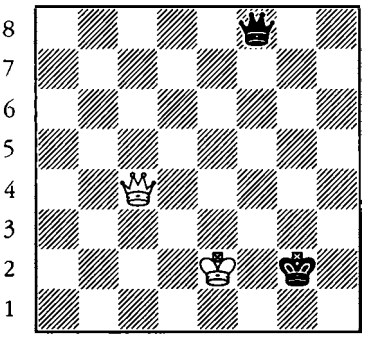

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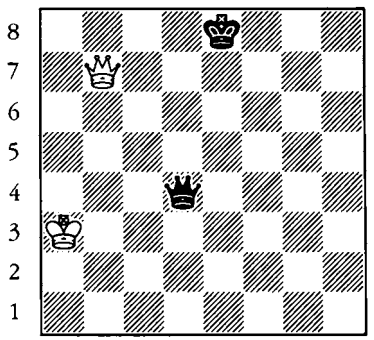

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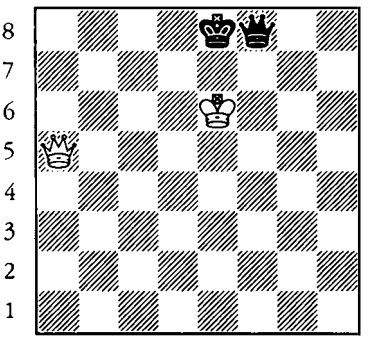

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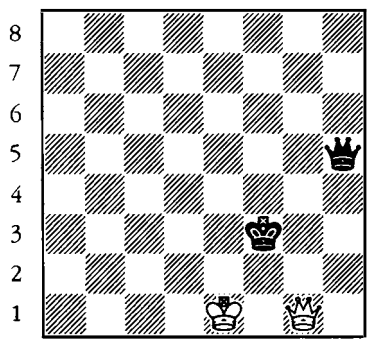

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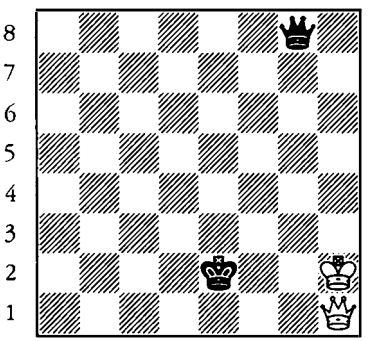
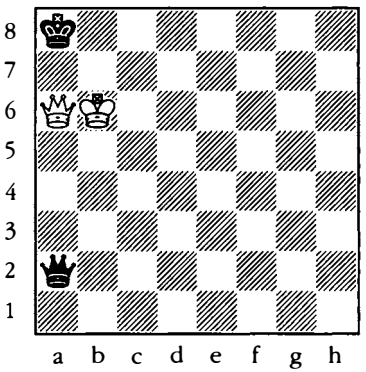


336

King + queen vs. king + queen

Black to move. Make a draw.



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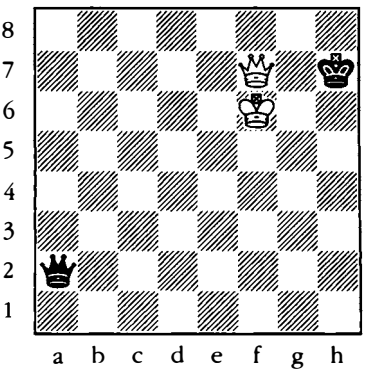

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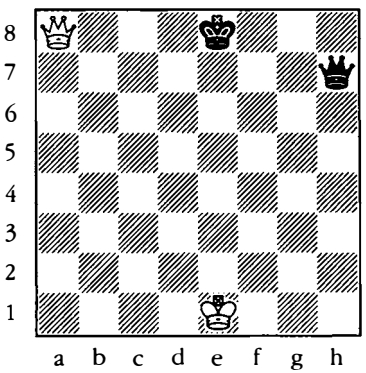

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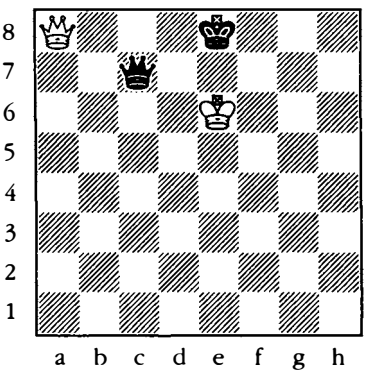

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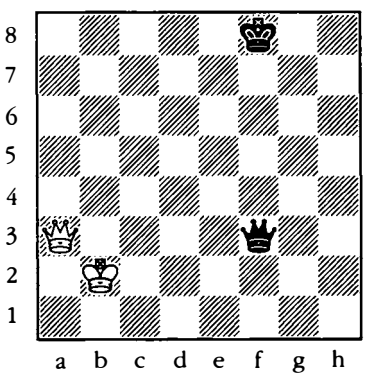

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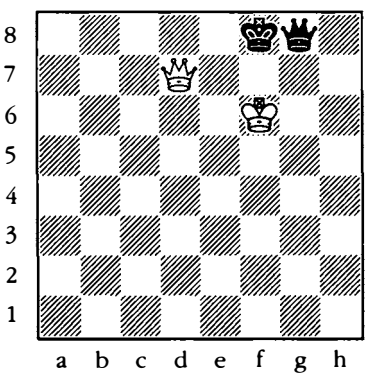
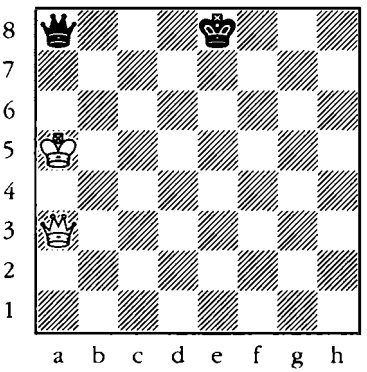


342

King + queen vs. king + queen

White to move. Make a draw.



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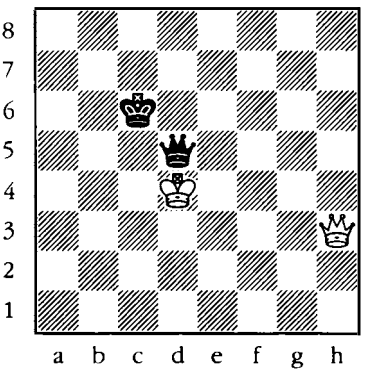

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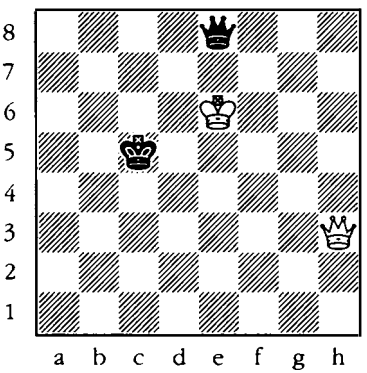

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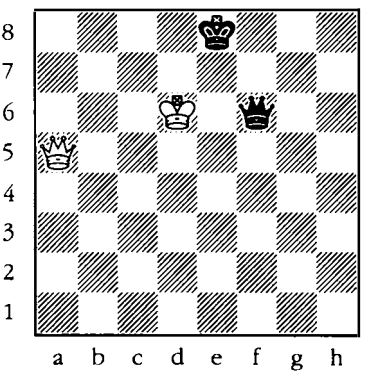

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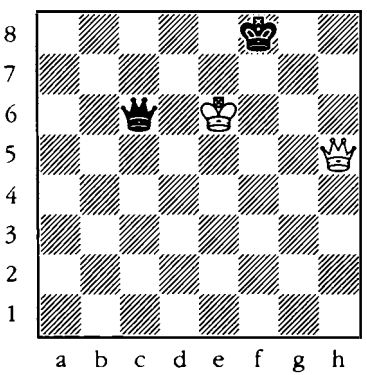

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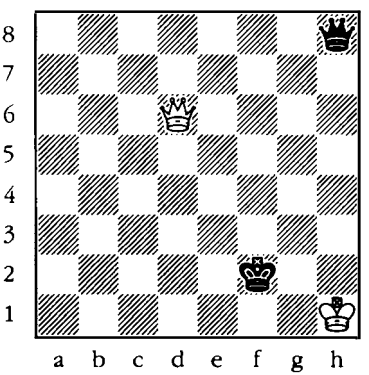
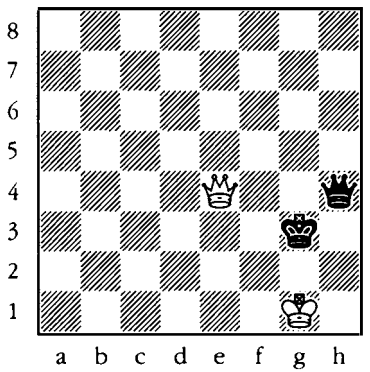


348

King + queen vs. king + queen

Black to move. Checkmate in two moves.



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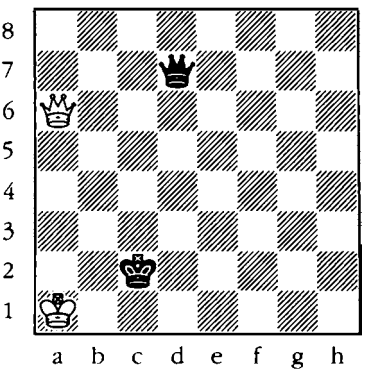

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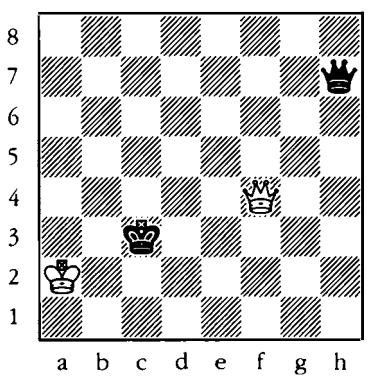

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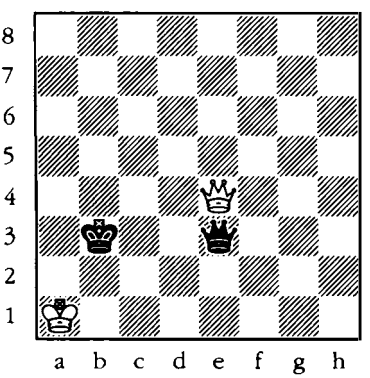

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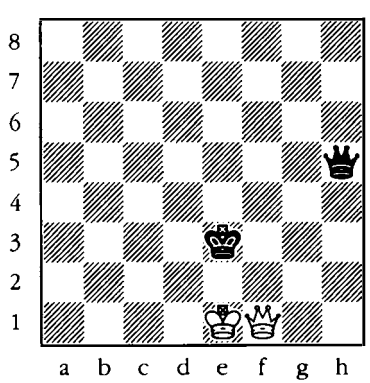

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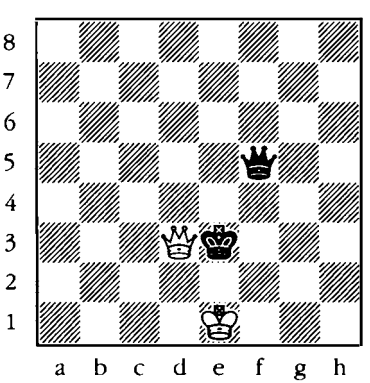
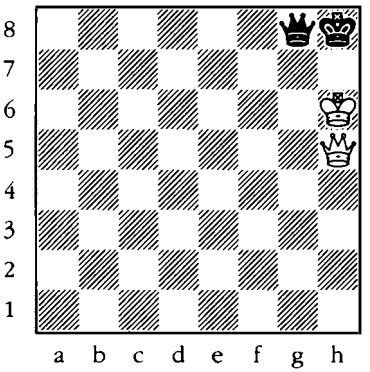


354

King + queen vs. king + queen

White to move. Checkmate in two moves.



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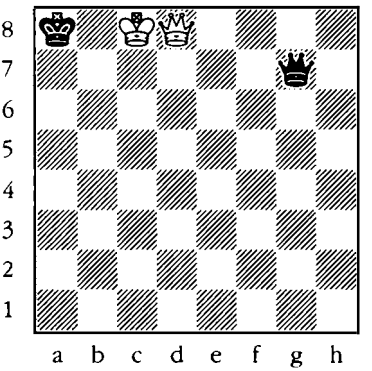

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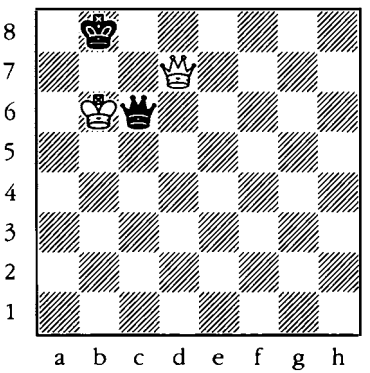

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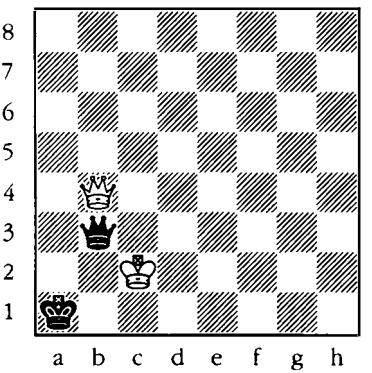

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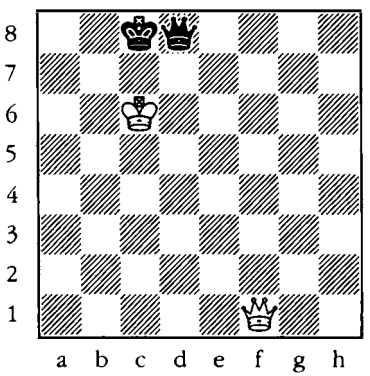

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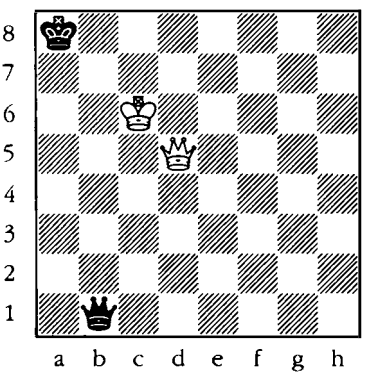
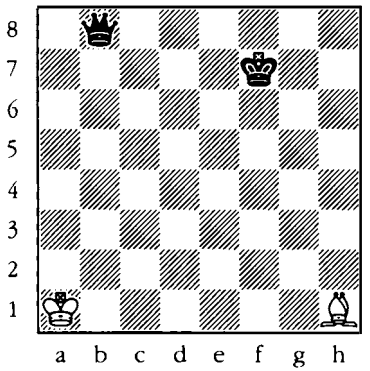


360

King + queen vs. king + bishop

Black to move. Black wins the bishop in two moves.



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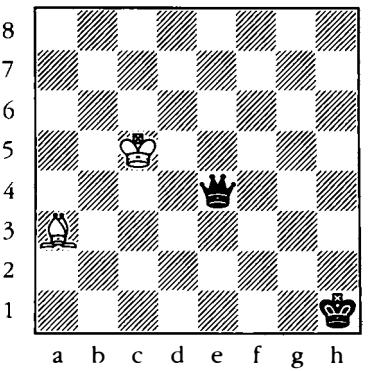

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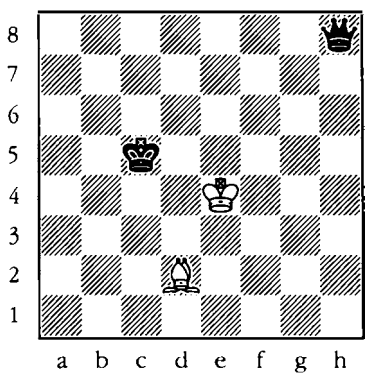

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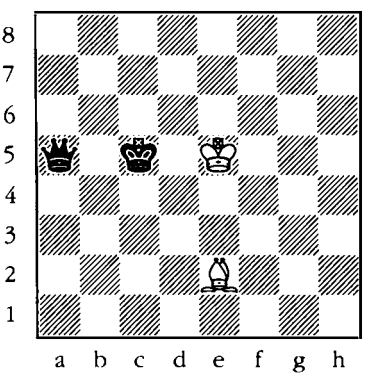

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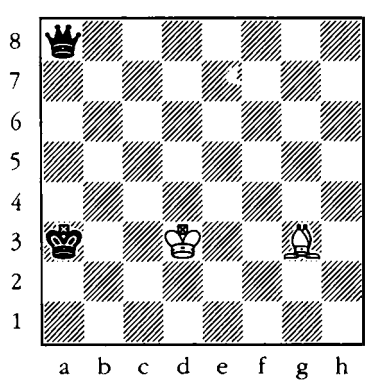

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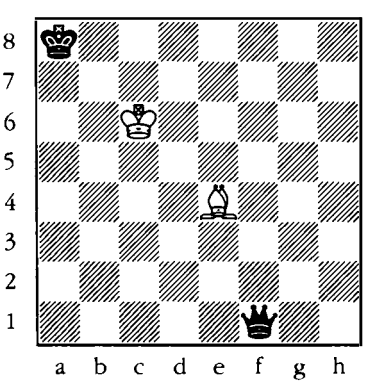
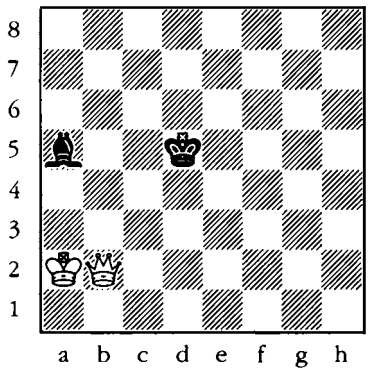


366

King + queen vs. king + bishop

White to move. White wins the bishop in two moves.



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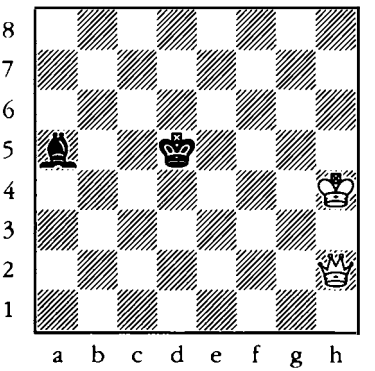

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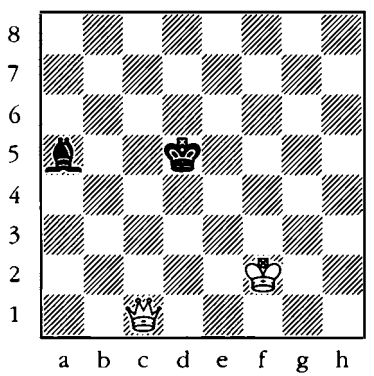

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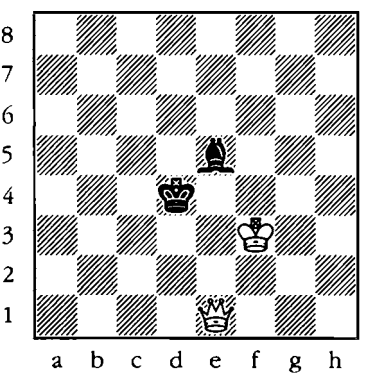

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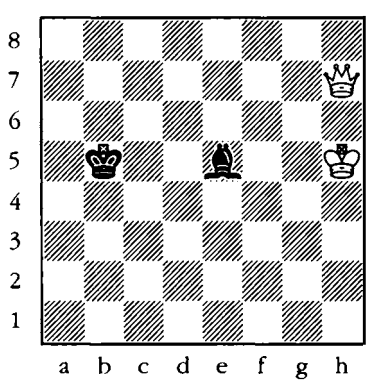

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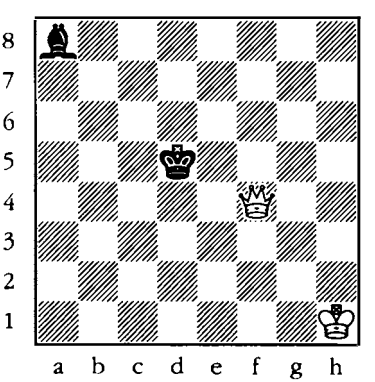
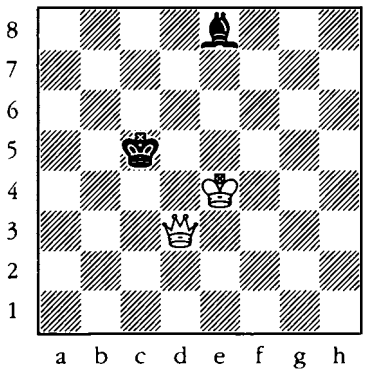


372

King + queen vs. king + bishop

Black to move. Make a draw.



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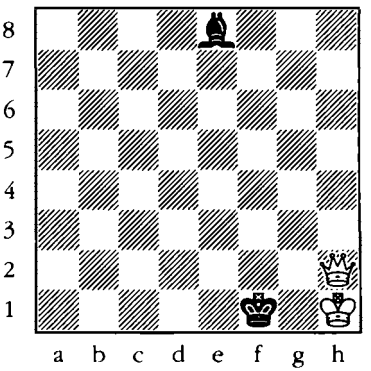

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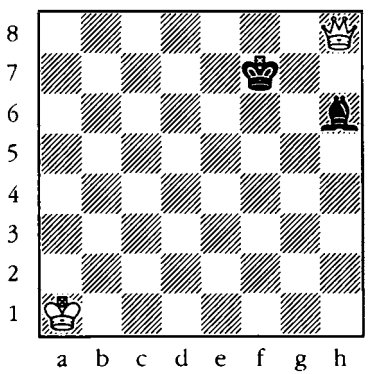

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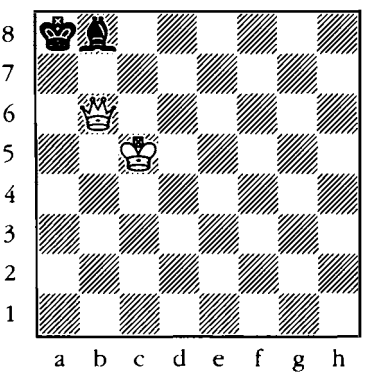

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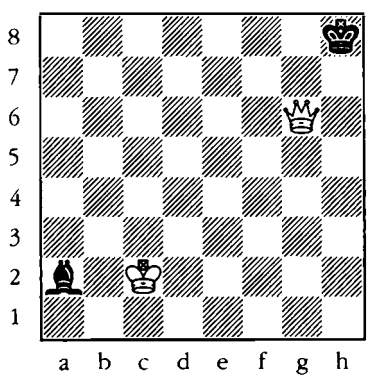

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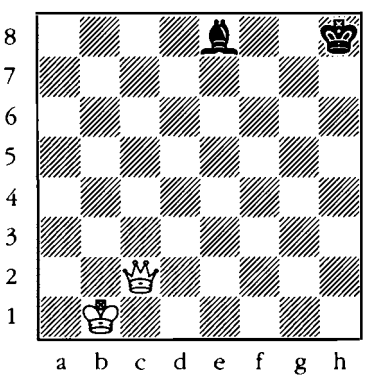
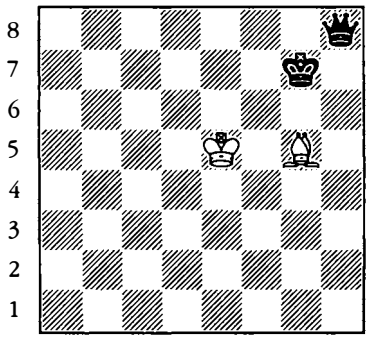


378

King + queen vs. king + bishop

White to move. Make a draw.



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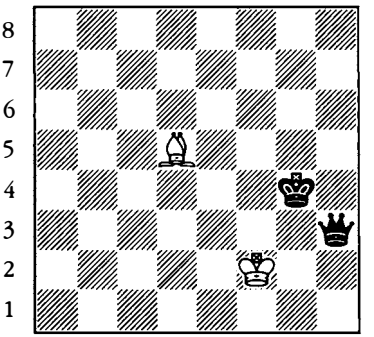

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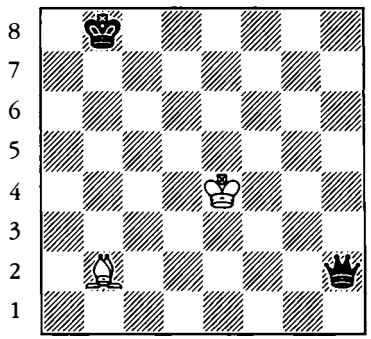

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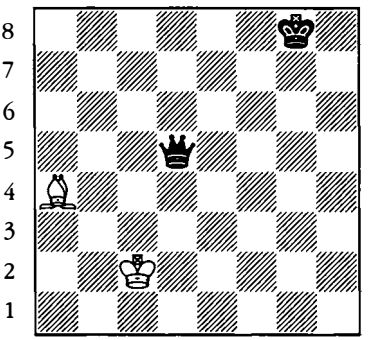

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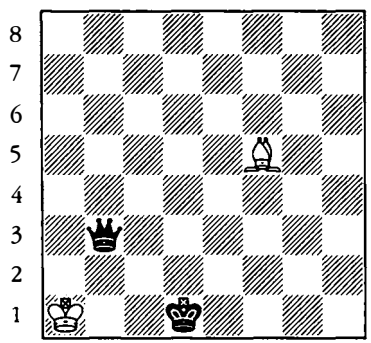

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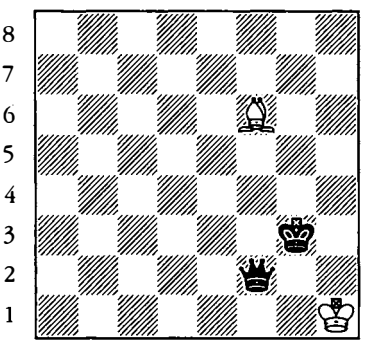
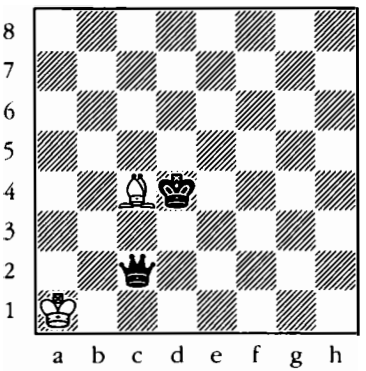


384

King + queen vs. king + bishop

Black to move. Checkmate in two moves.



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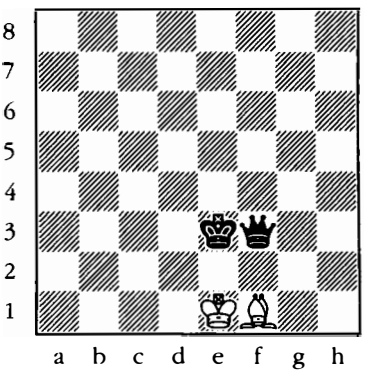

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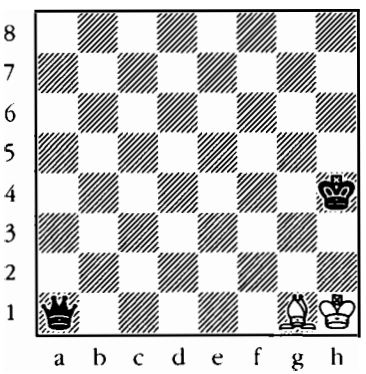

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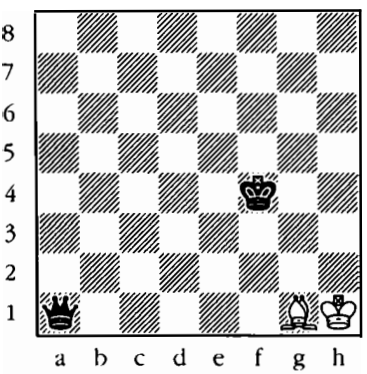

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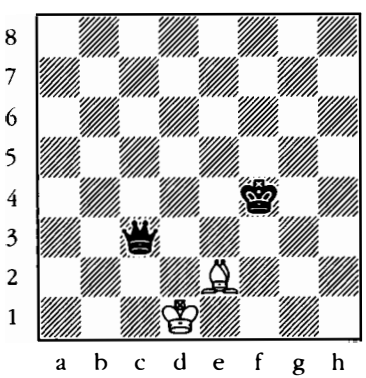

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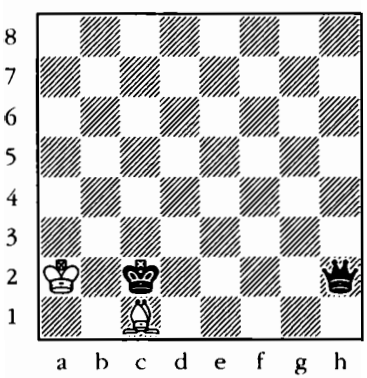
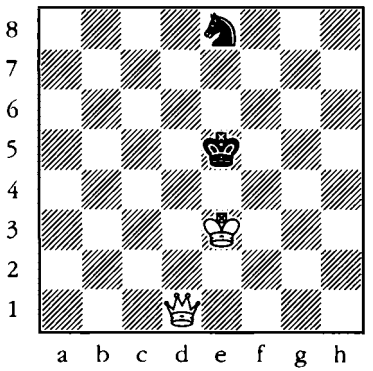


390

King + queen vs. king + knight

White to move. White wins the knight in two moves.



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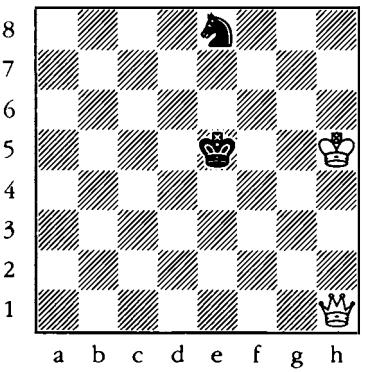

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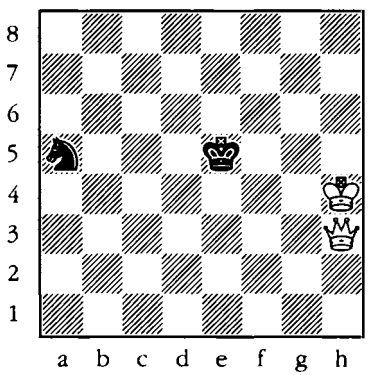

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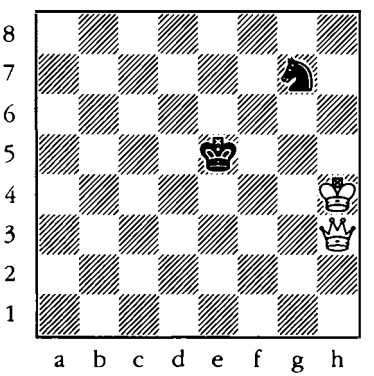

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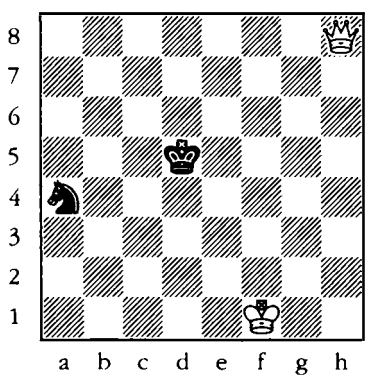

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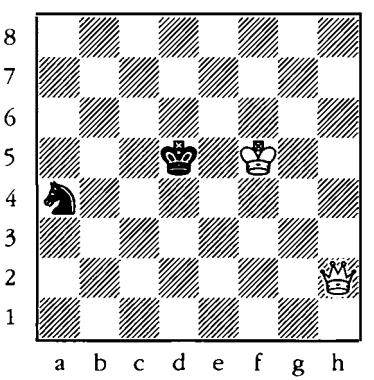
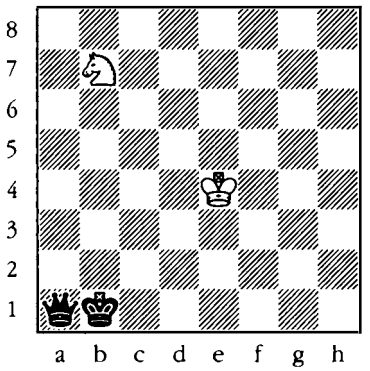


396

King + queen vs. king + knight

Black to move. Black wins the knight in two moves.



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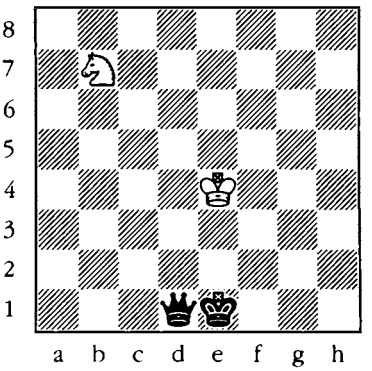

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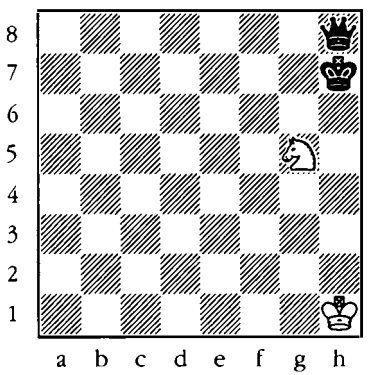

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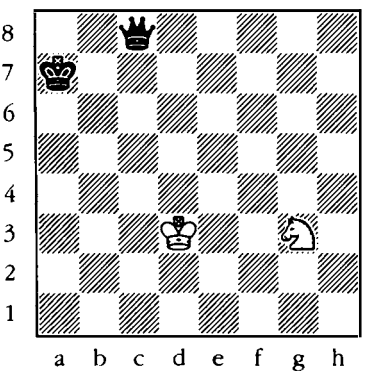

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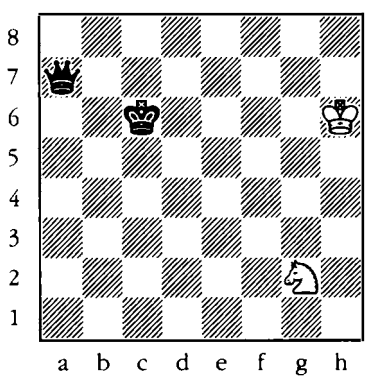

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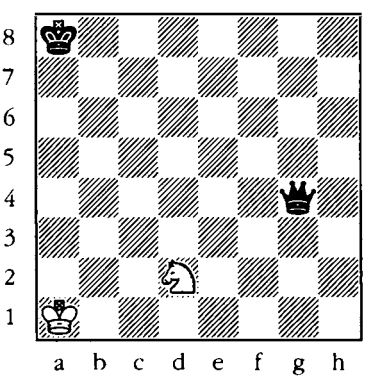
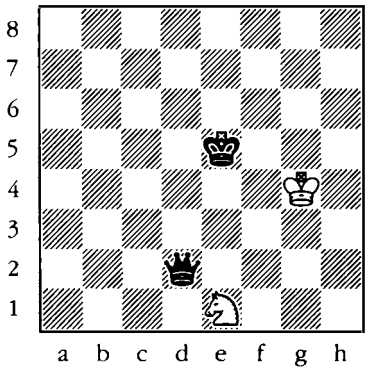


402

King + queen vs. king + knight

White to move. Make a draw.



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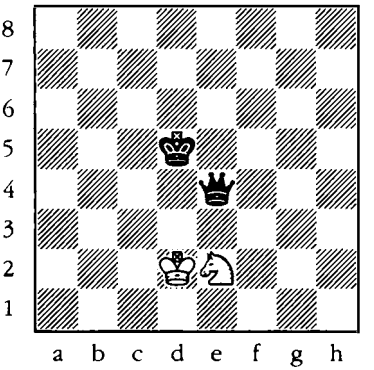

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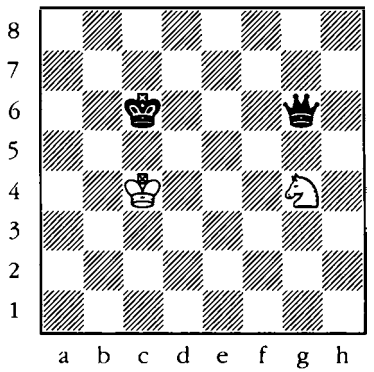

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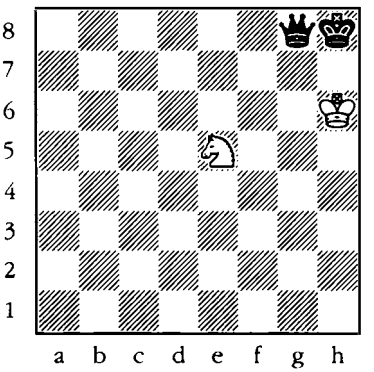

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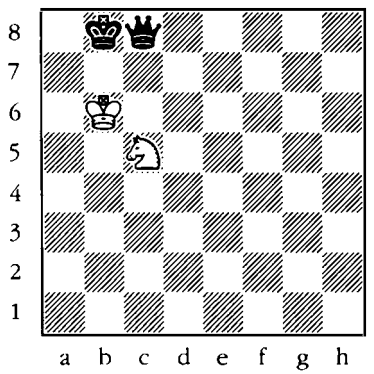

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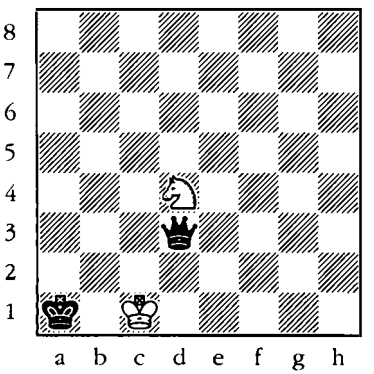
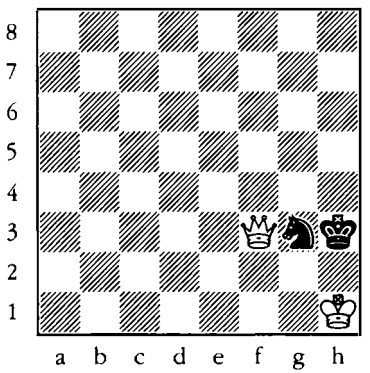


408

King + queen vs. king + knight

White to move. Find the best move.



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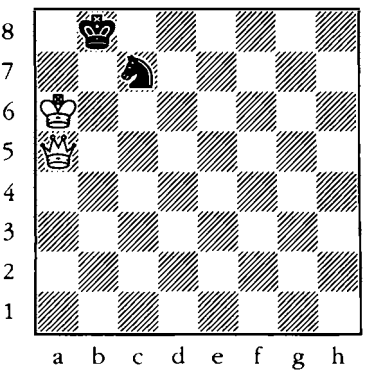

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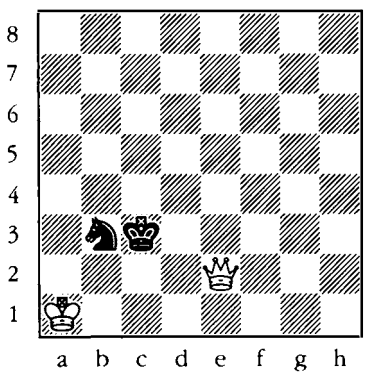

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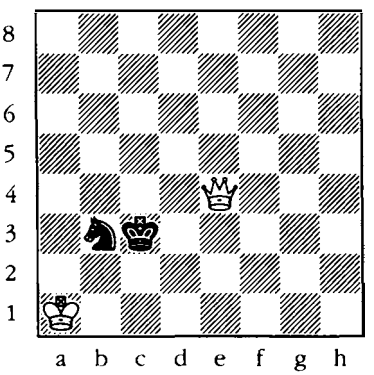

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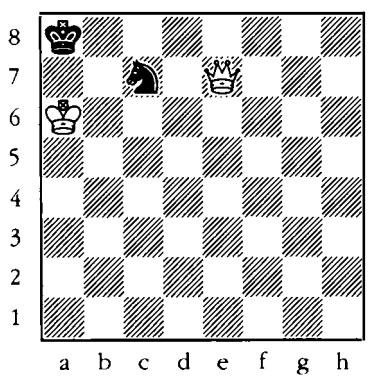

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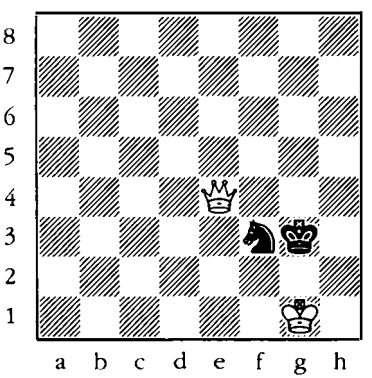
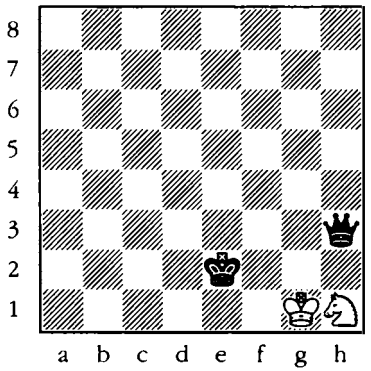


414

King + queen vs. king + knight

Black to move. Checkmate in two moves.



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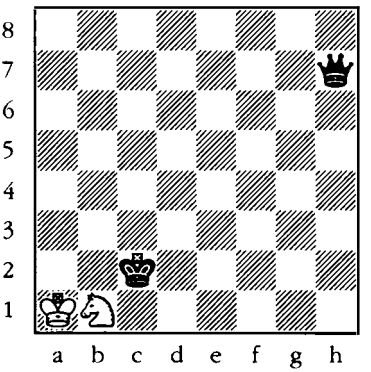

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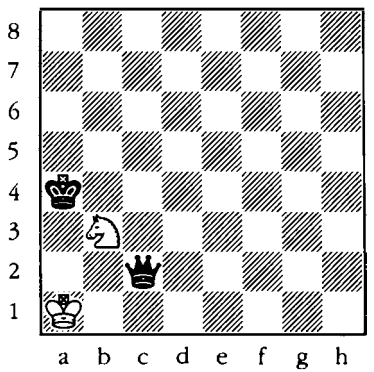

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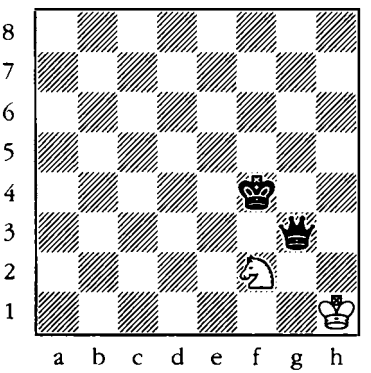

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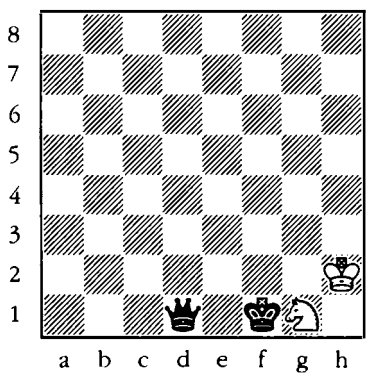

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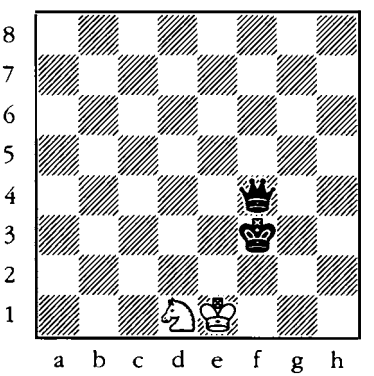
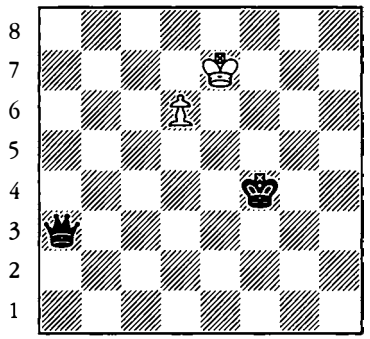


420

King + queen vs. king + pawn

Black to move. Black wins the pawn in two moves.



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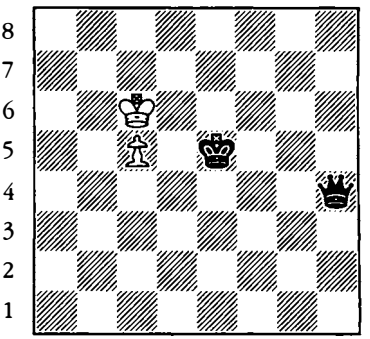

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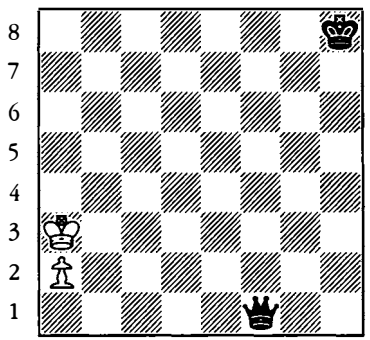

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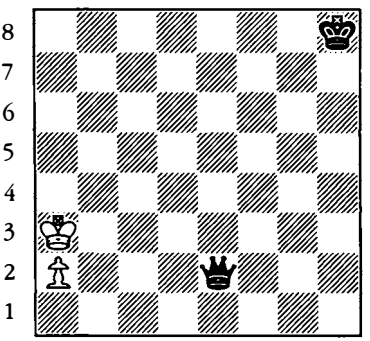

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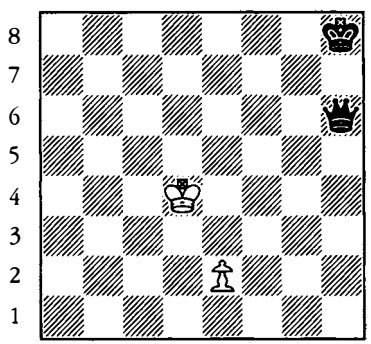

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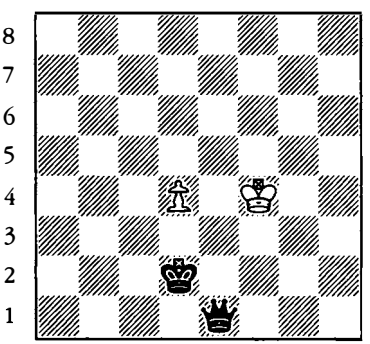
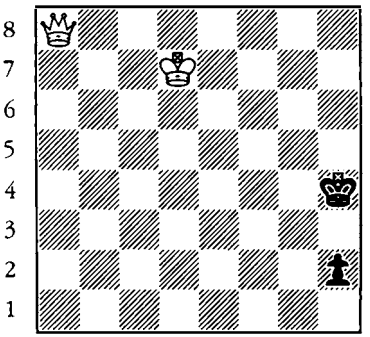


426

King + queen vs. king + pawn

White to move. White wins the pawn in two moves.



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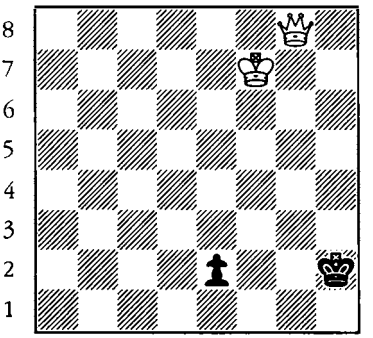

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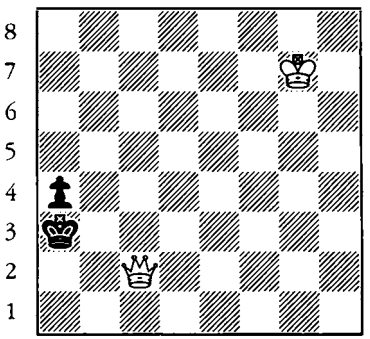

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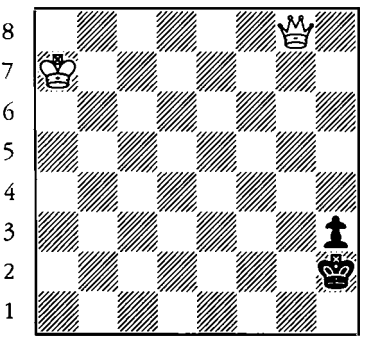

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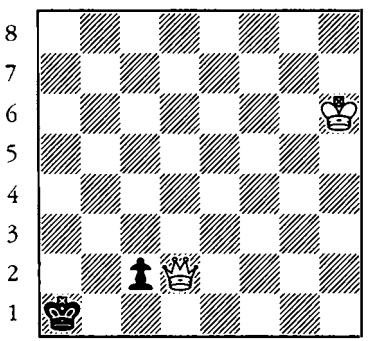

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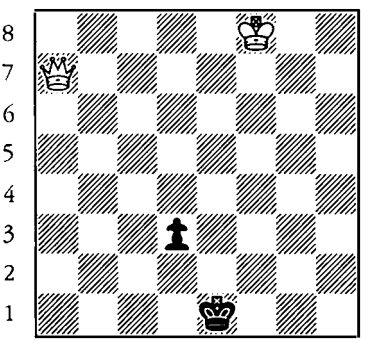
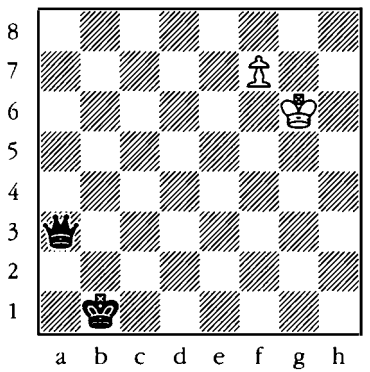


432

King + queen vs. king + pawn

Black to move. Find the best move.



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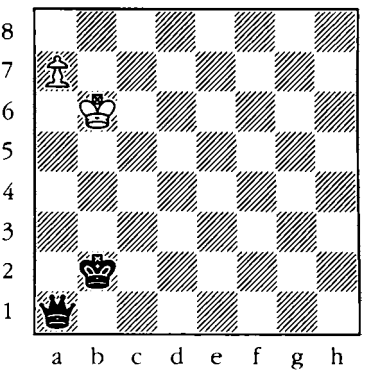

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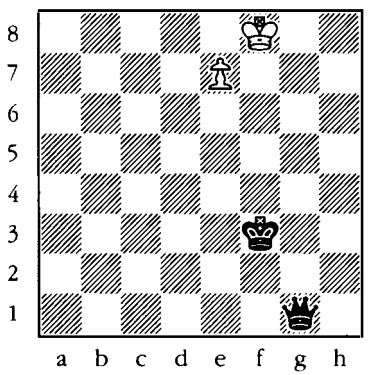

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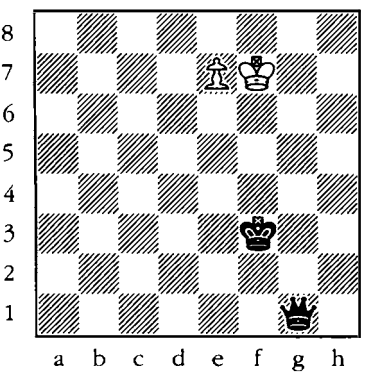

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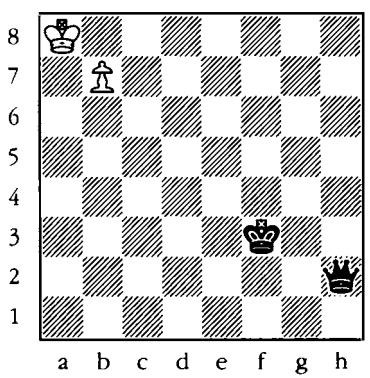

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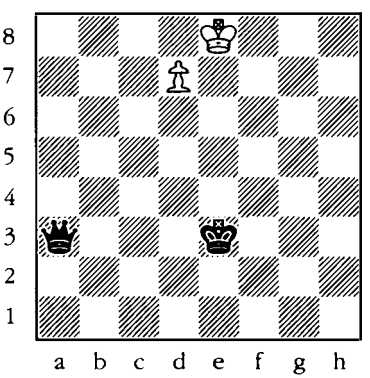
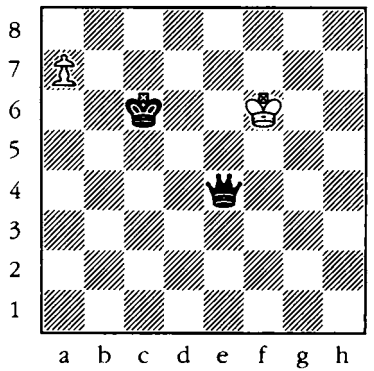


438

King + queen vs. king + pawn

White to move and win.



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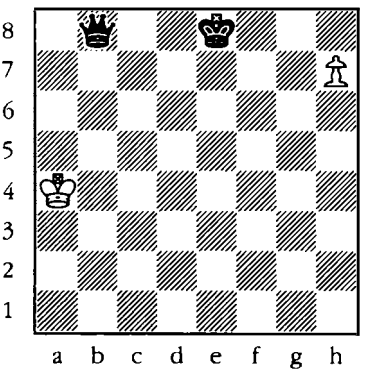

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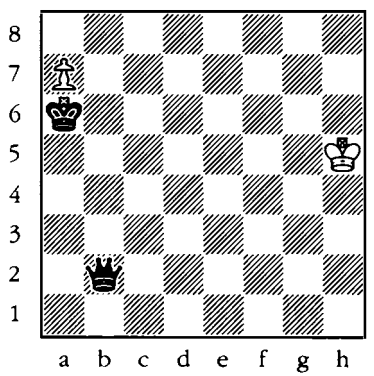

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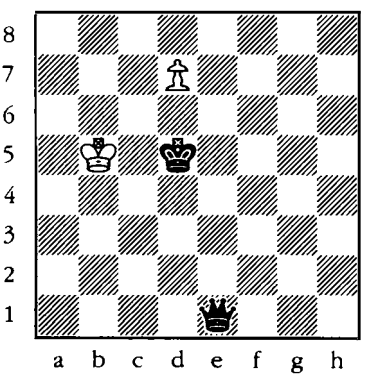

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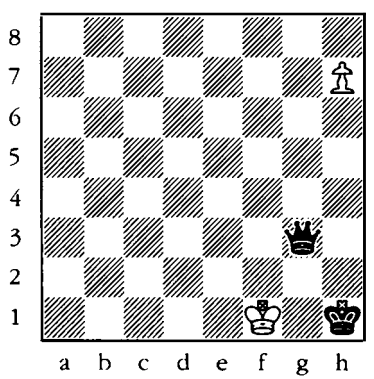

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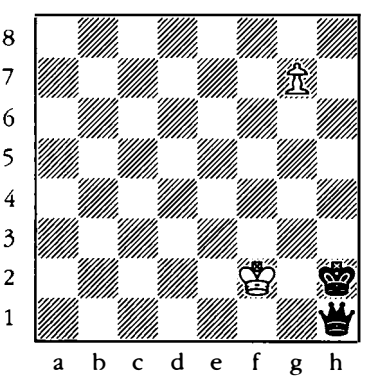
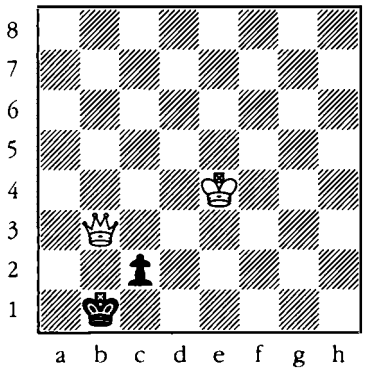


444

King + queen vs. king + pawn

Black to move. Find the best move.



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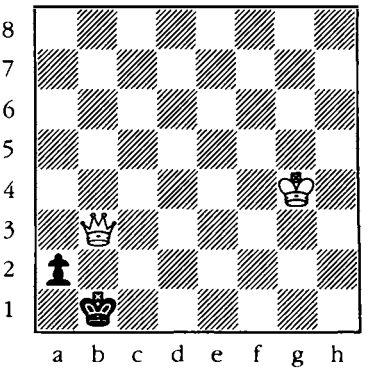

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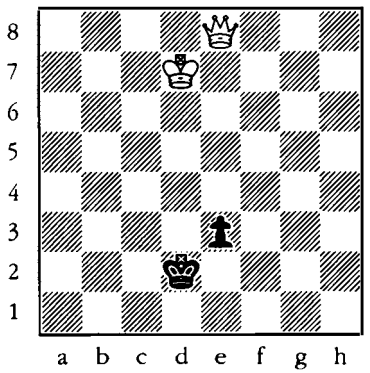

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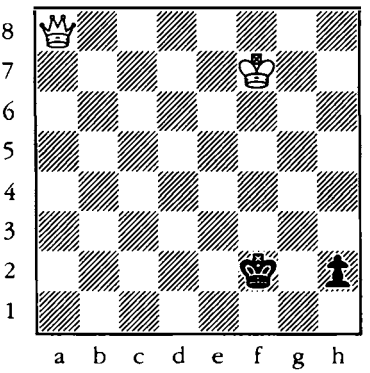

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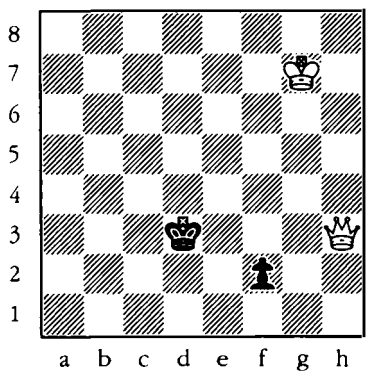

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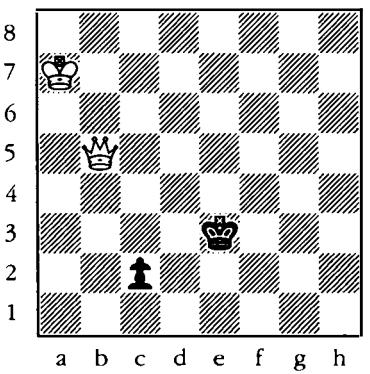
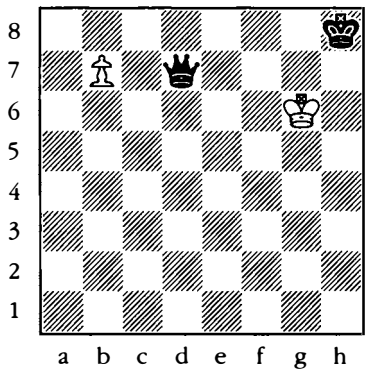


450

King + queen vs. king + pawn

White to move. Checkmate in two moves.



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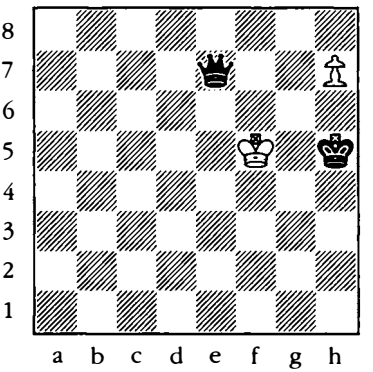

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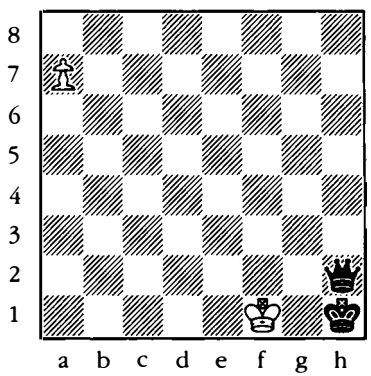

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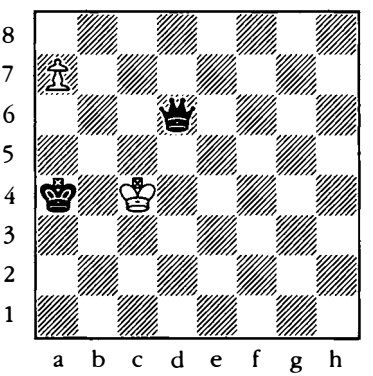

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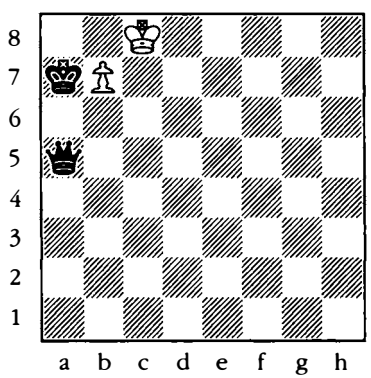

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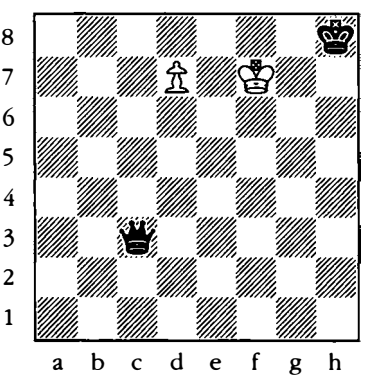
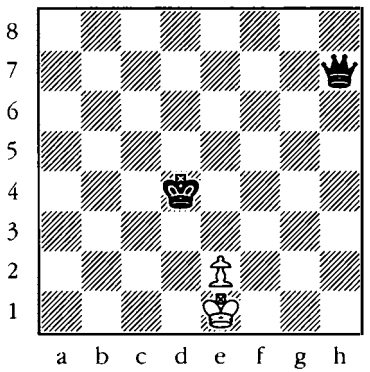


456

King + queen vs. king + pawn

Black to move. Checkmate in two moves.



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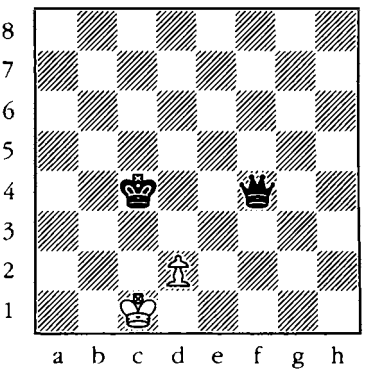

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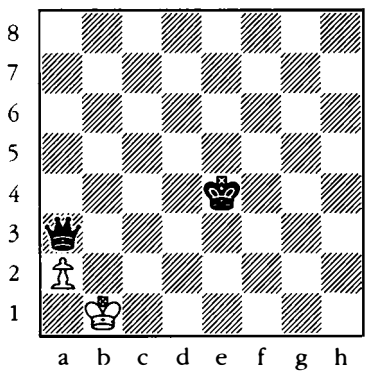

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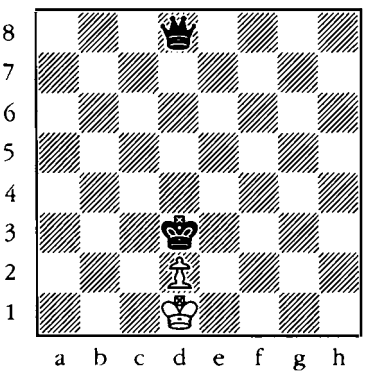

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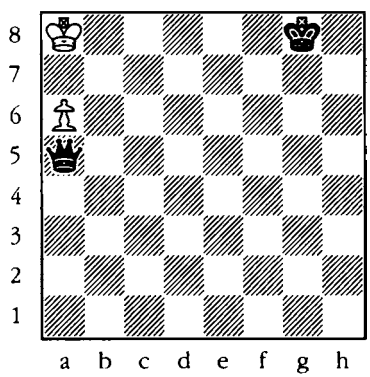

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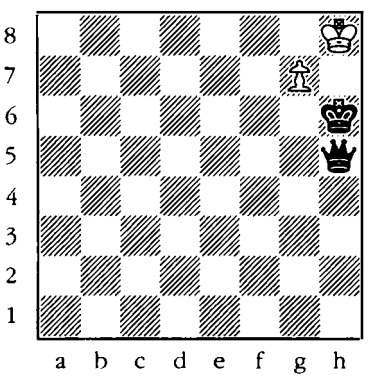
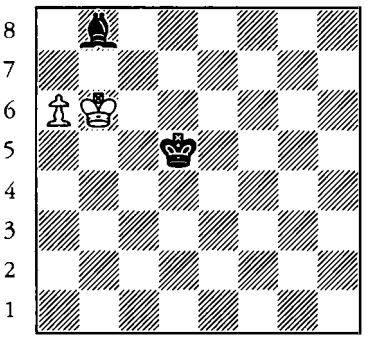


462

King + bishop vs. king + pawn

White to move and win.



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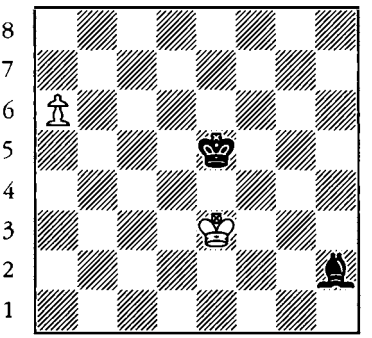

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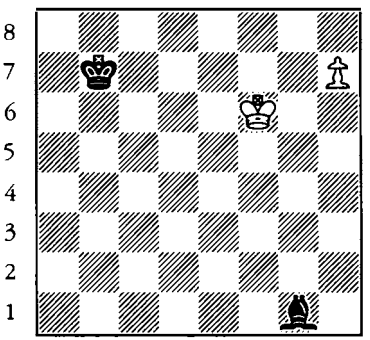

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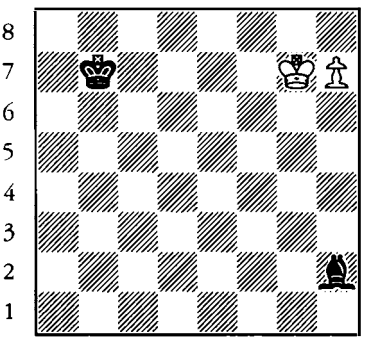

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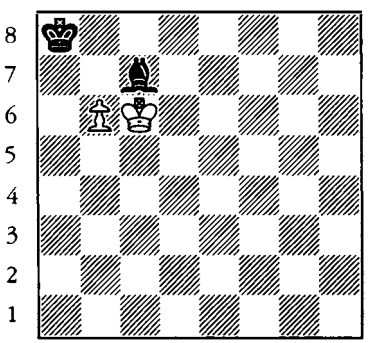

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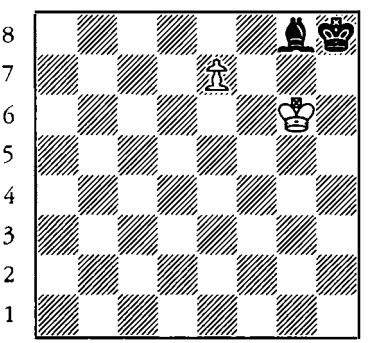
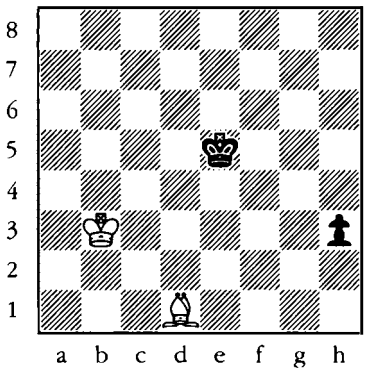


468

King + bishop vs. king + pawn

Black to move and win.



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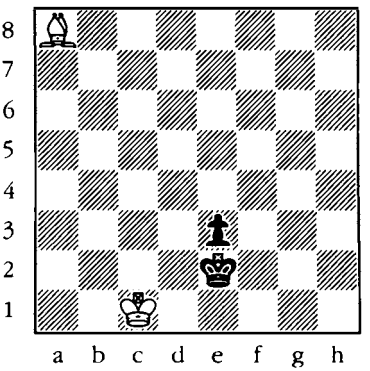

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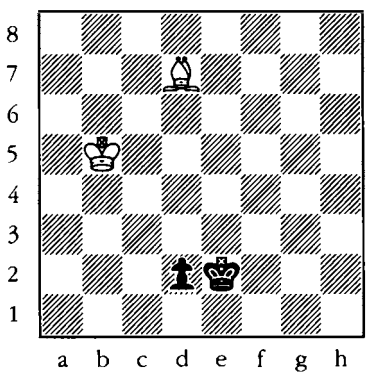

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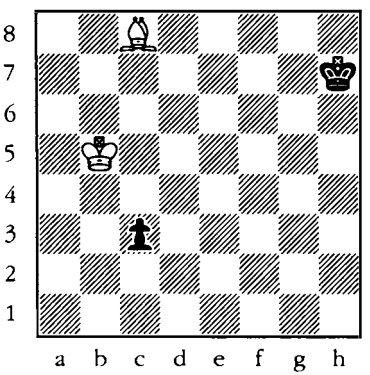

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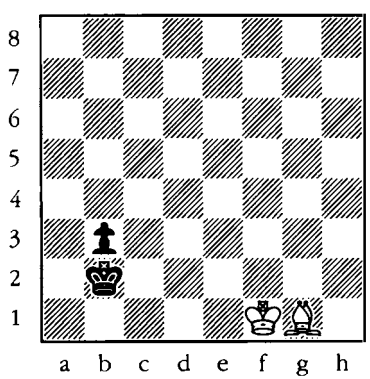

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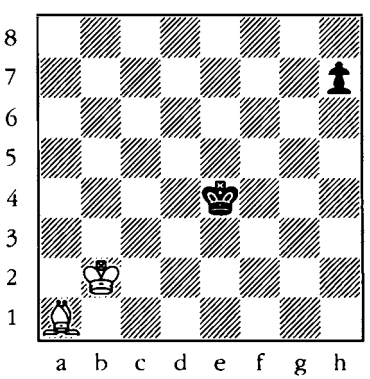
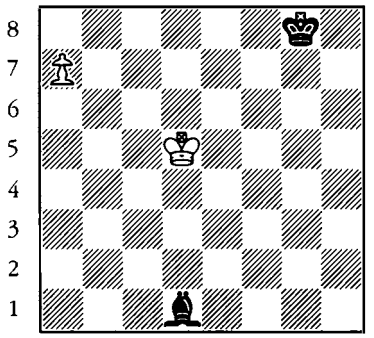


474

King + bishop vs. king + pawn

White to move. Is advancing the pawn the best move?



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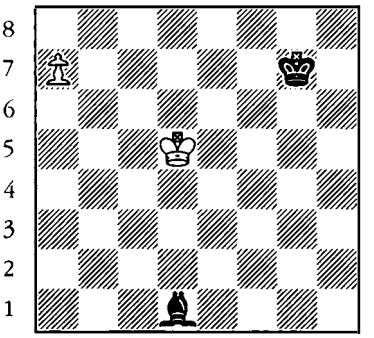

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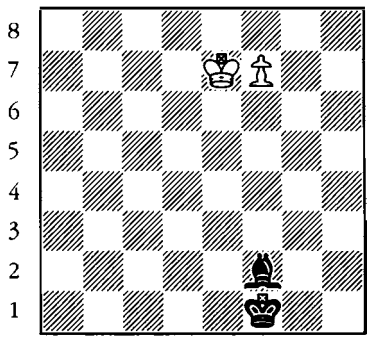

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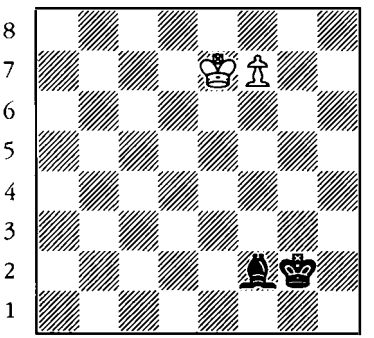

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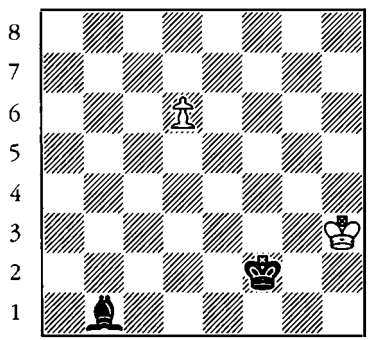

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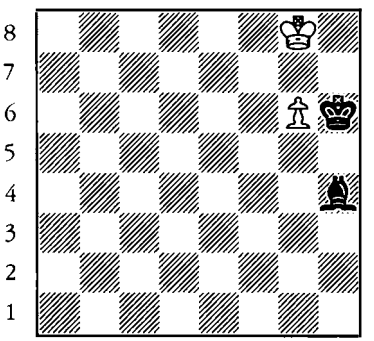
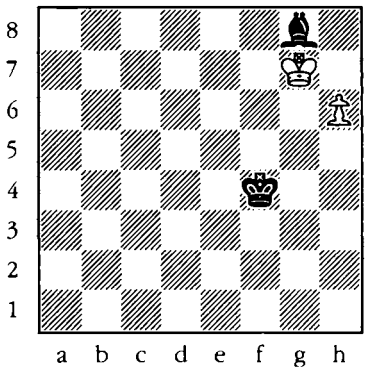


480

King + bishop vs. king + pawn

Black to move. Make a draw.



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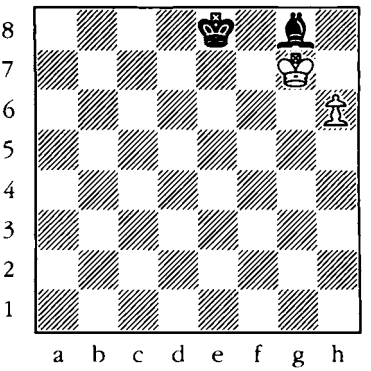

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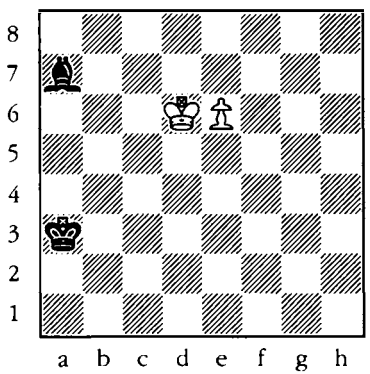

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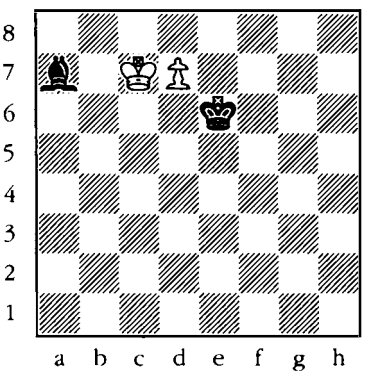

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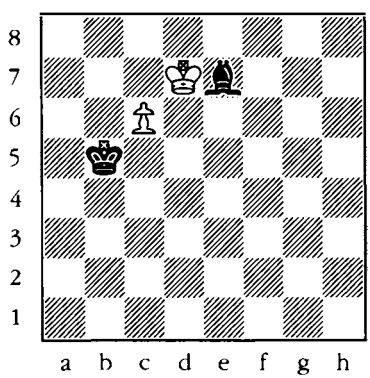

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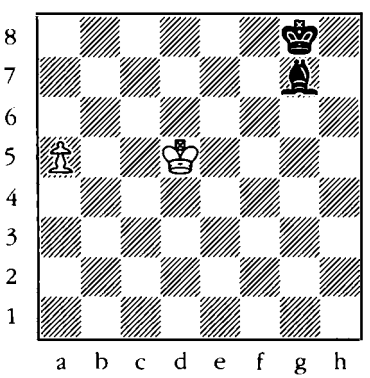
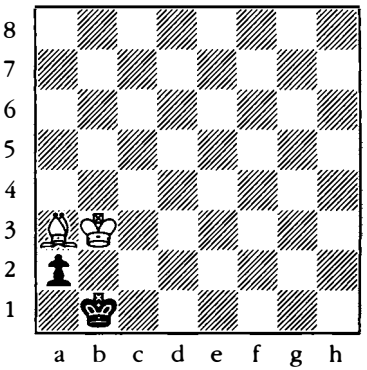


486

King + bishop vs. king + pawn

White to move. Make a draw.



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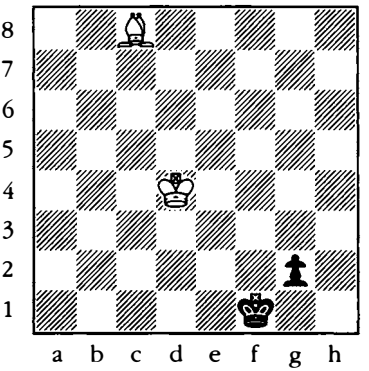

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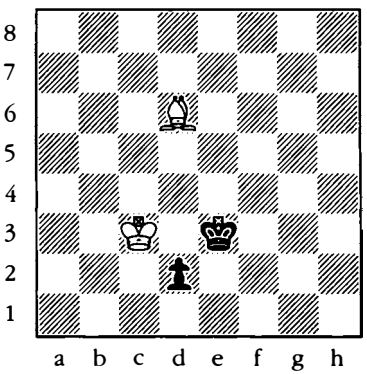

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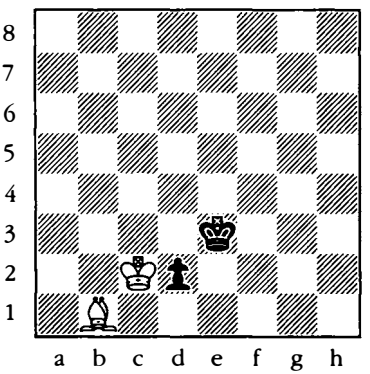

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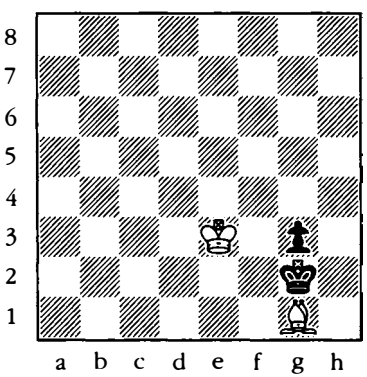

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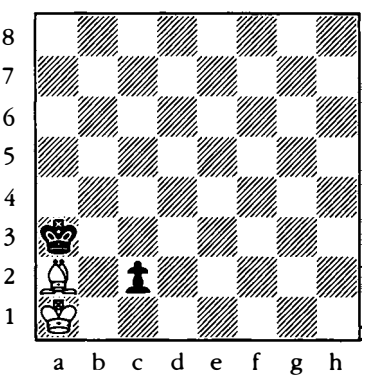
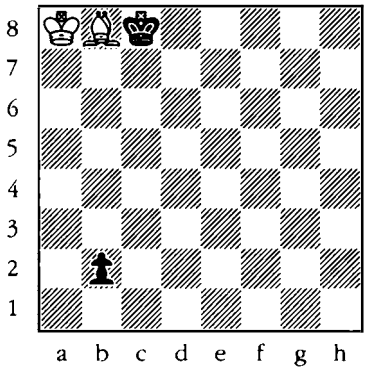


492

King + bishop vs. king + pawn

Black to move. Checkmate in two moves.



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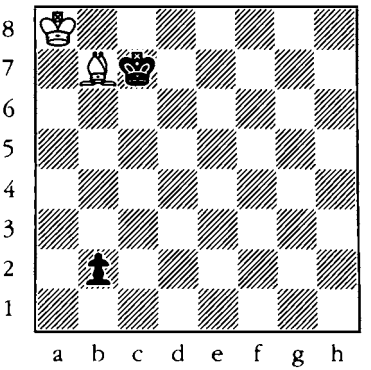

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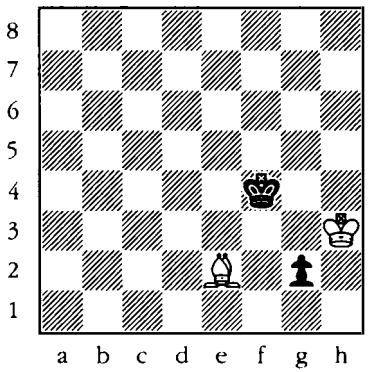

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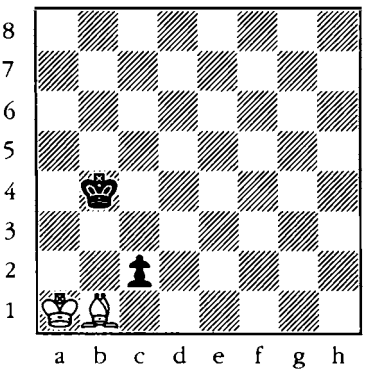

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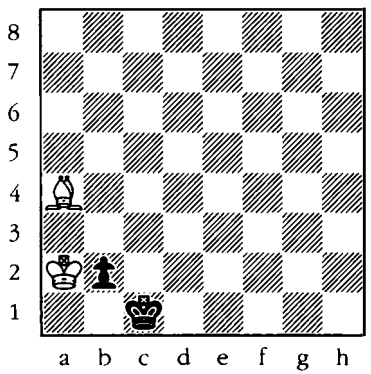

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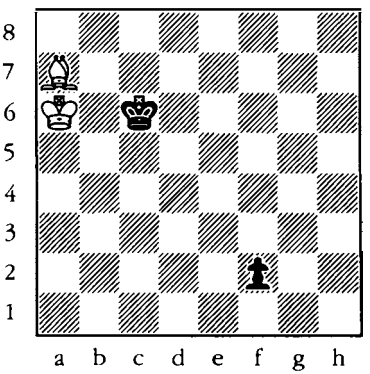
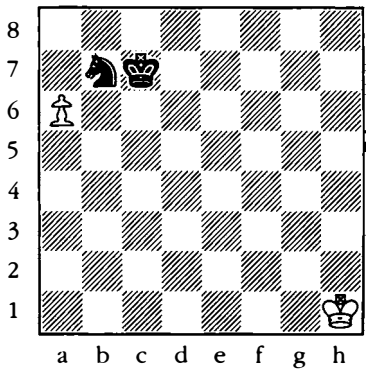


498

King + knight vs. king + pawn

White to move and win.



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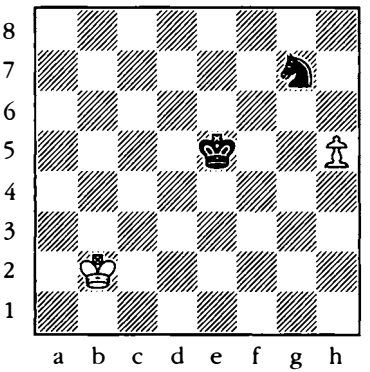

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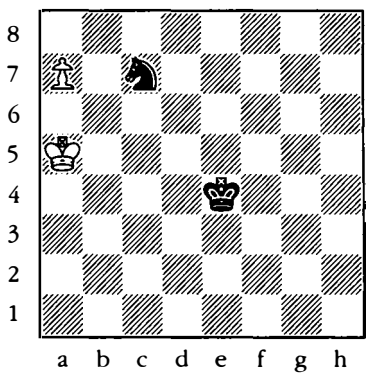
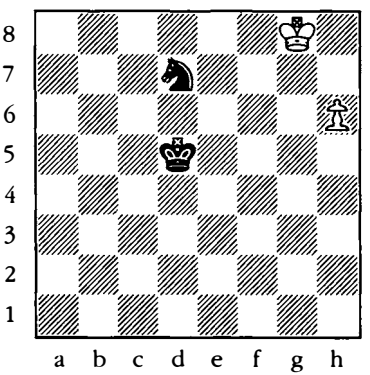


501



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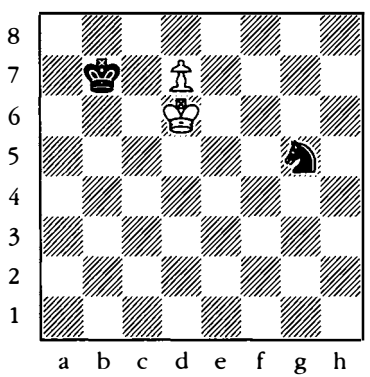

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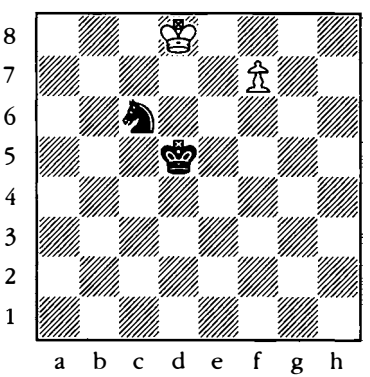
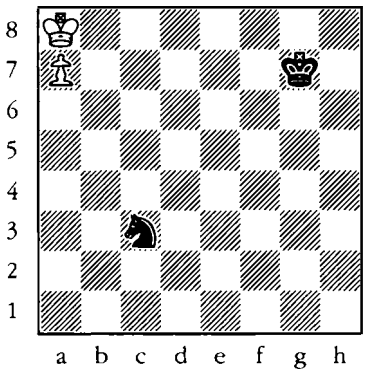


504

King + knight vs. king + pawn

Black to move. Make a draw.



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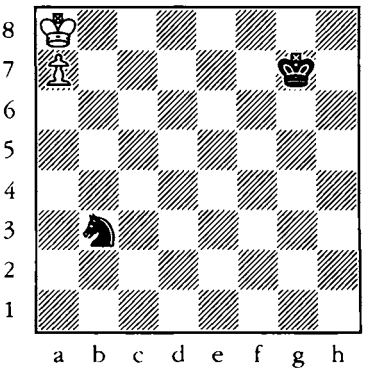

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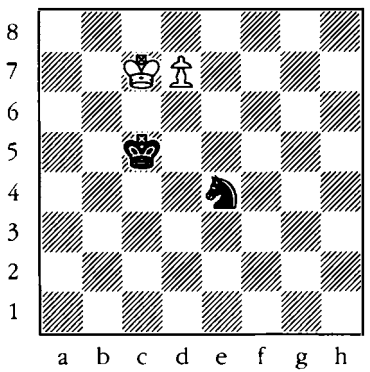

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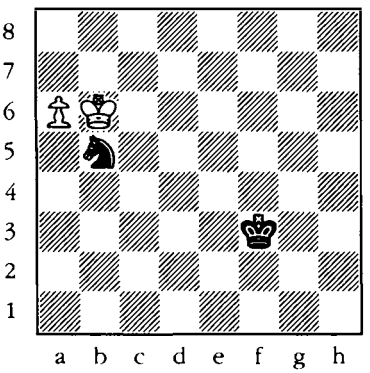

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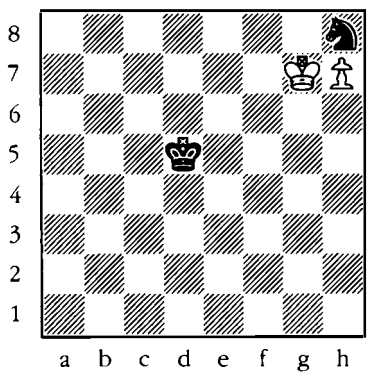

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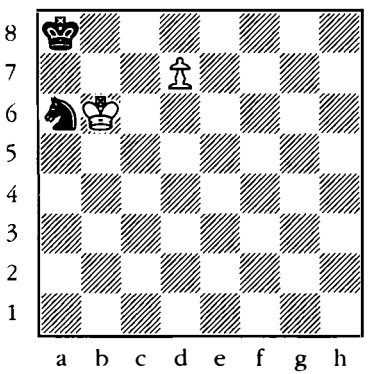
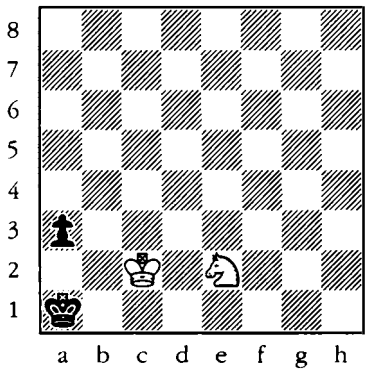


510

King + knight vs. king + pawn

White to move. Checkmate in two moves.



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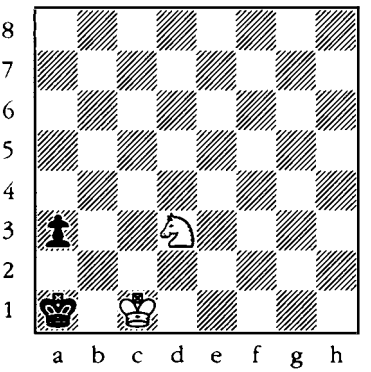

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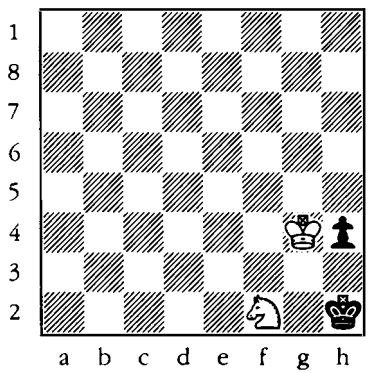

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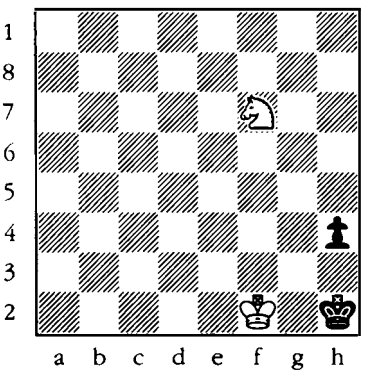

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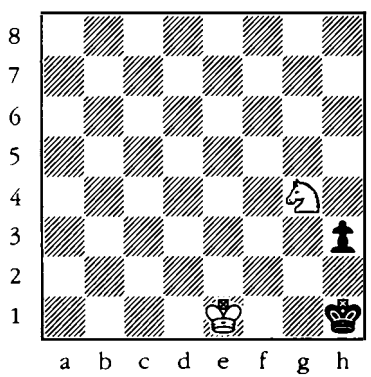

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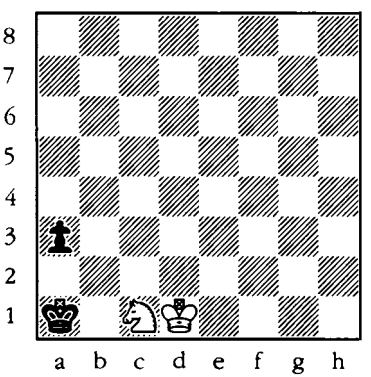
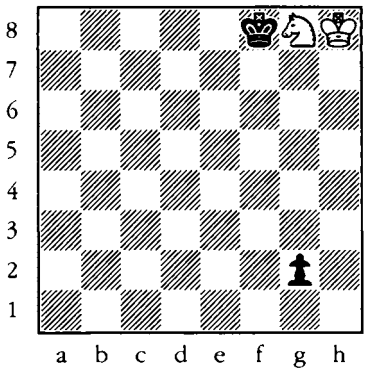


516

King + knight vs. king + pawn

Black to move. Checkmate in two moves.



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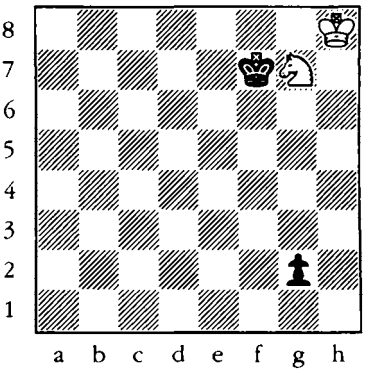

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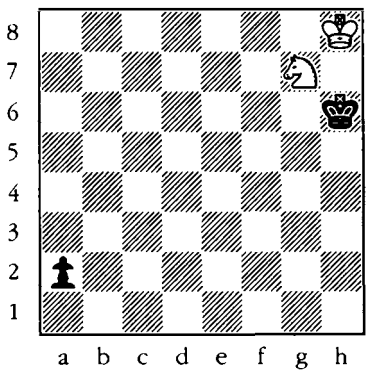

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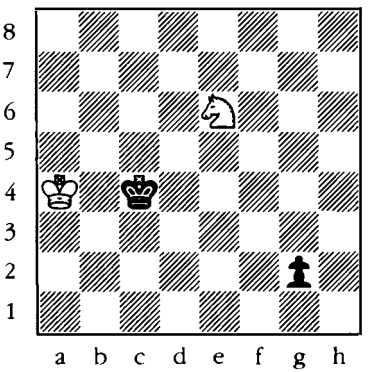

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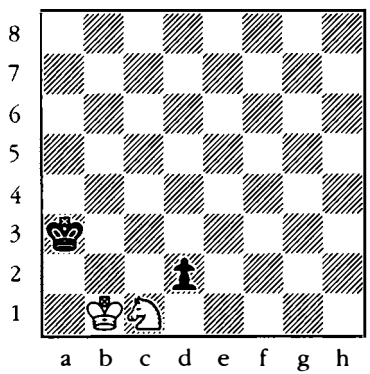

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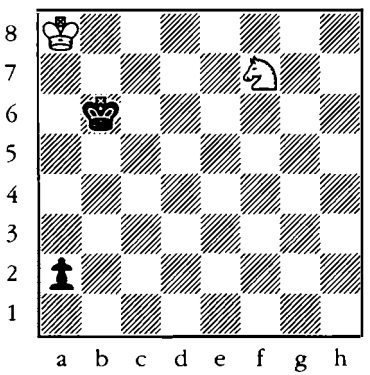
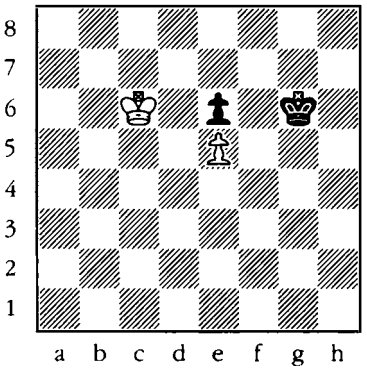


522

King + pawn vs. king + pawn

White to move and win.



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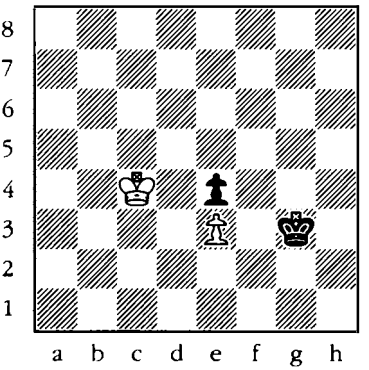

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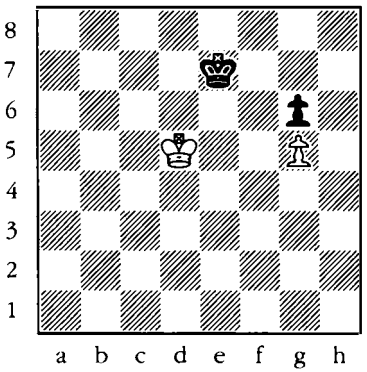

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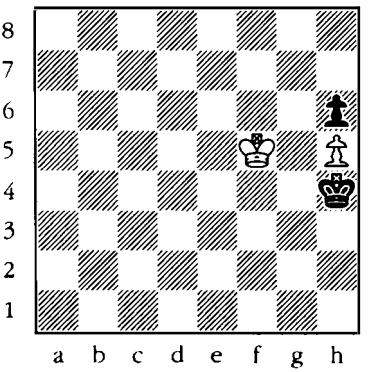

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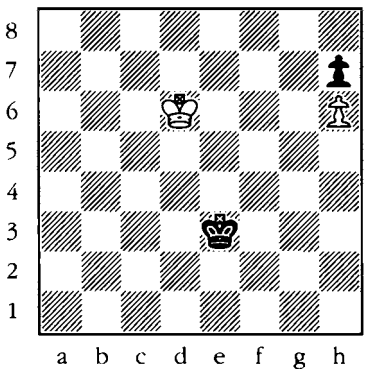

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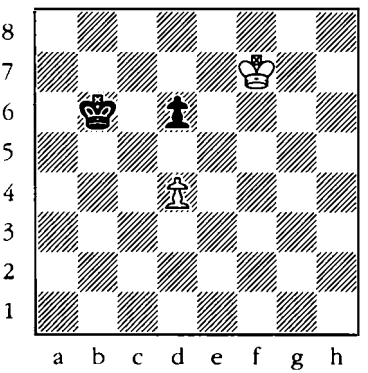
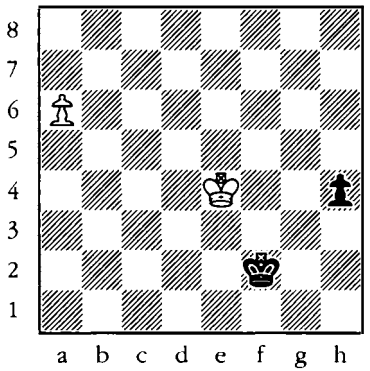


528

King + pawn vs. king + pawn

Black to move and win.



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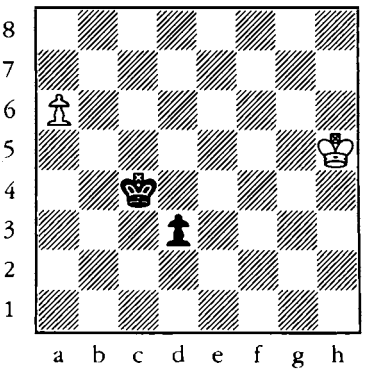

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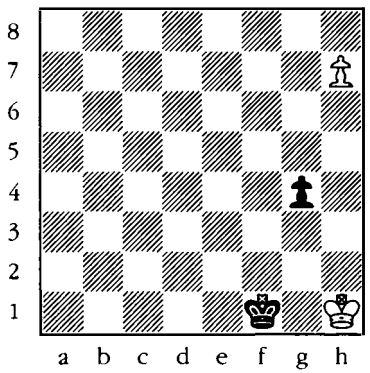

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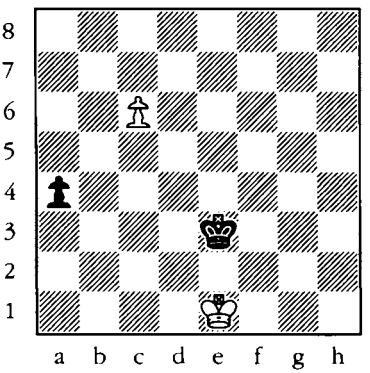

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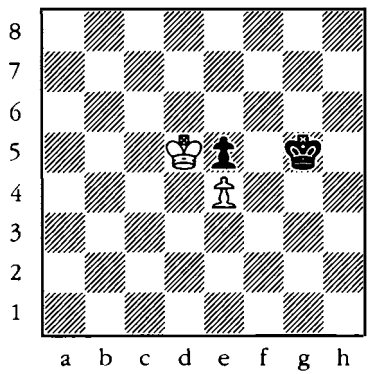

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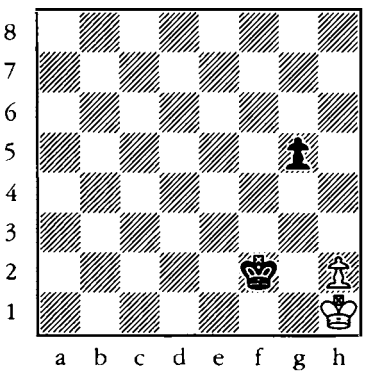
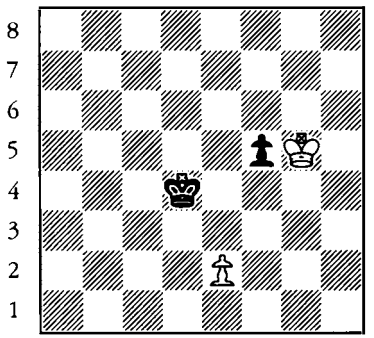


534

King + pawn vs. king + pawn

White to move and win.



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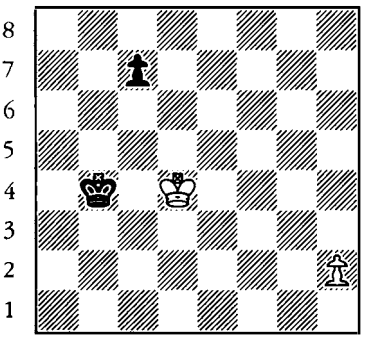

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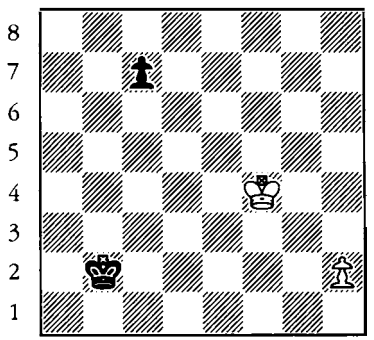

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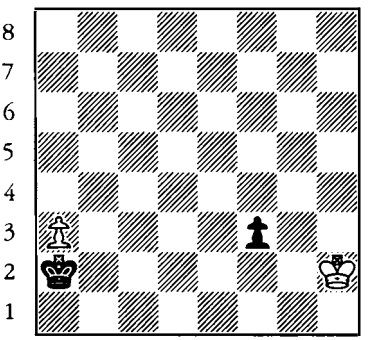

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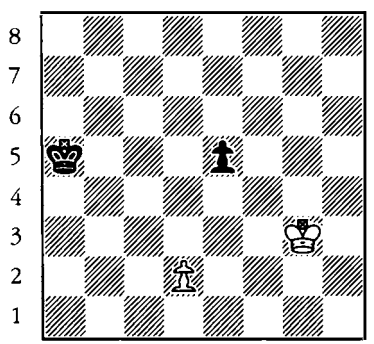

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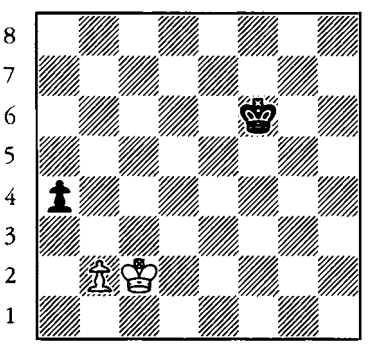
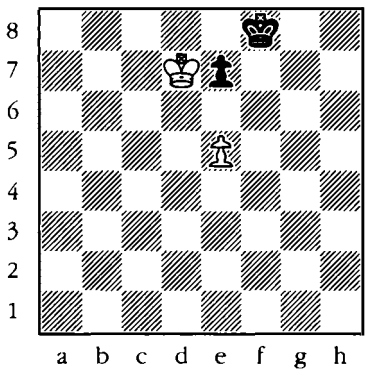


540

King + pawn vs. king + pawn

Black to move. Make a draw.



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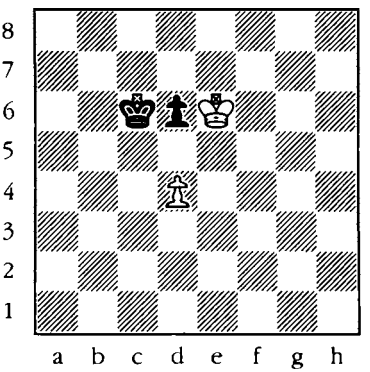

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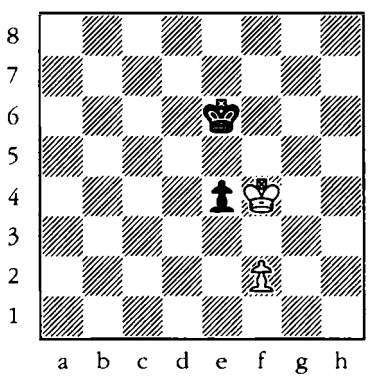

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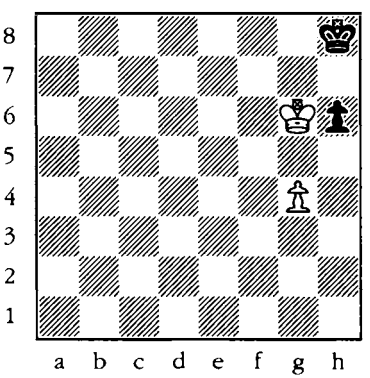

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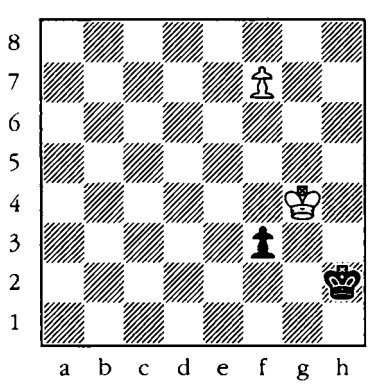

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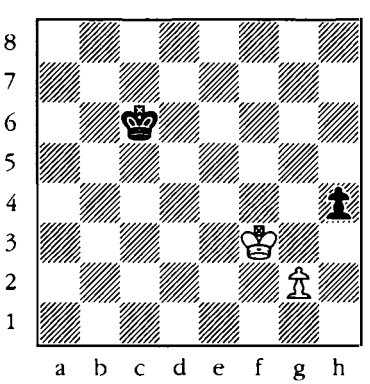
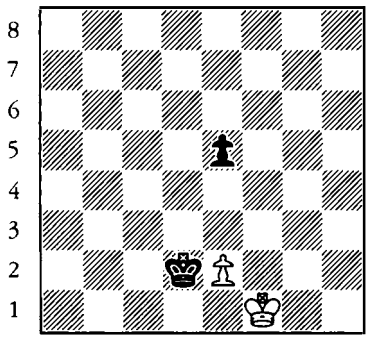


546

King + pawn vs. king + pawn

White to move. Make a draw.



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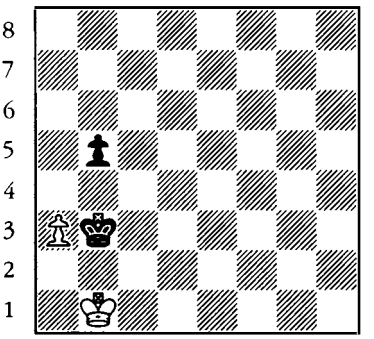

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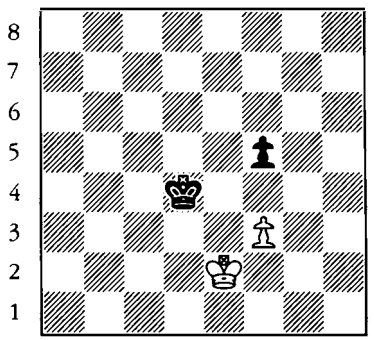

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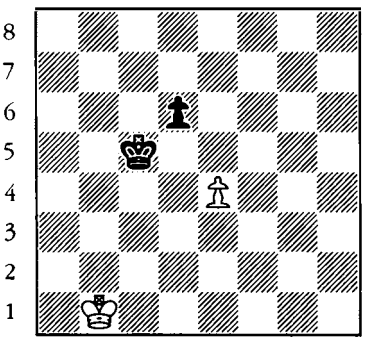

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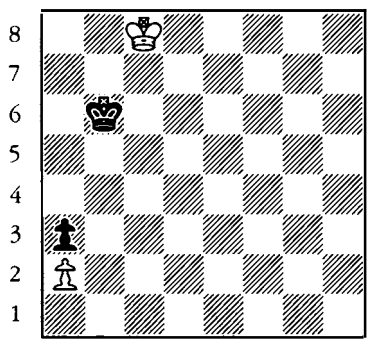

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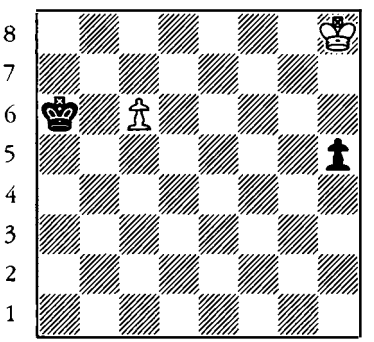
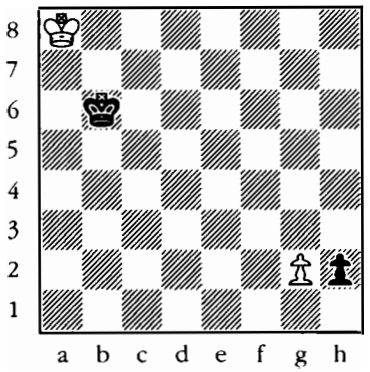


552

King + pawn vs. king + pawn

Black to move. Checkmate in two moves.



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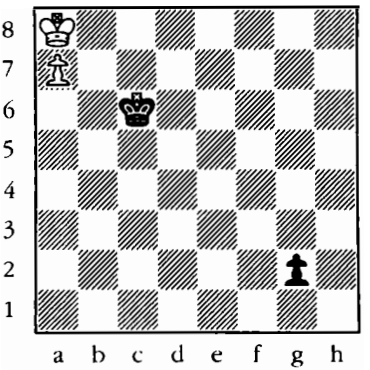

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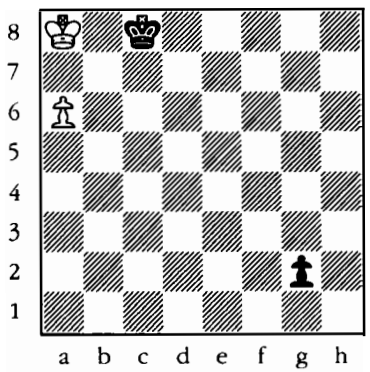

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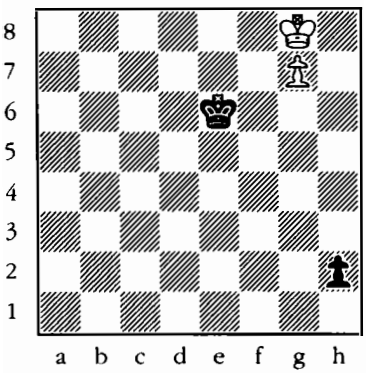

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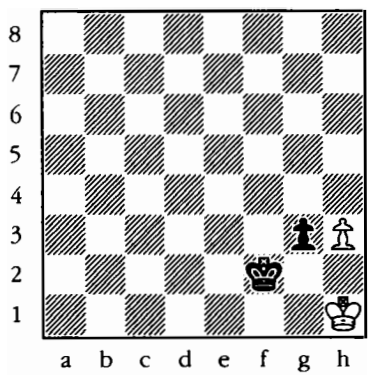

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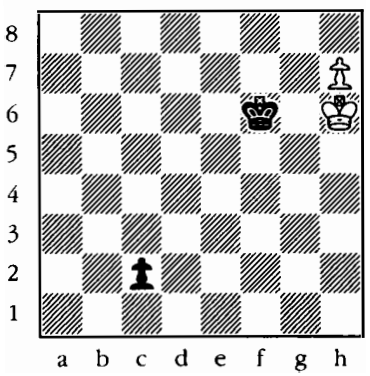
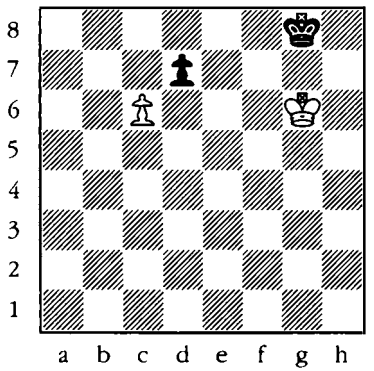


558

King + pawn vs. king + pawn

White to move. Checkmate in two moves.



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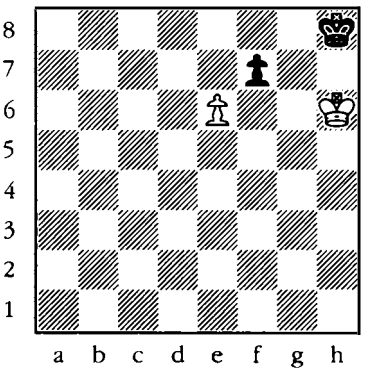

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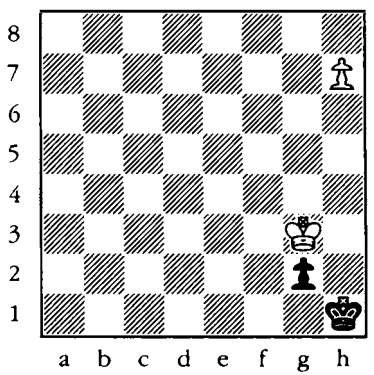

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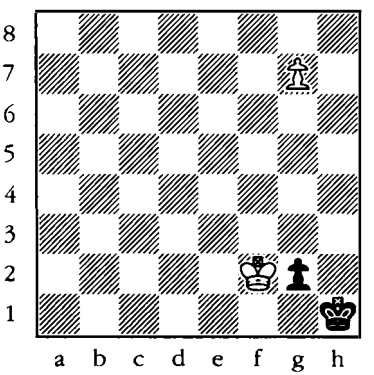

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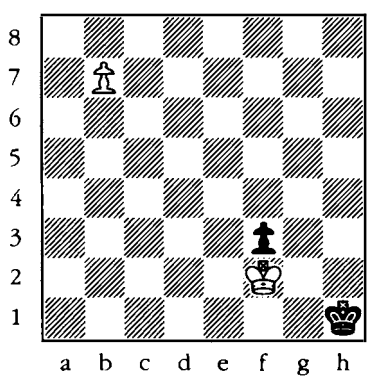

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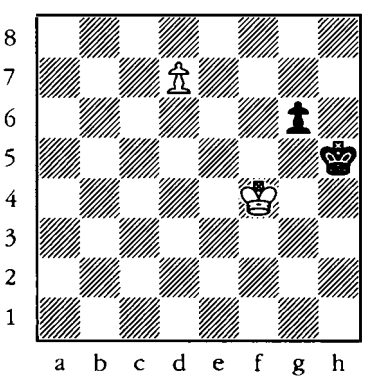
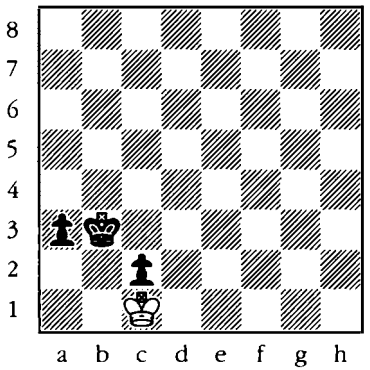


564

King + two pieces vs. king

King + two pawns vs. king

Black to move and win.



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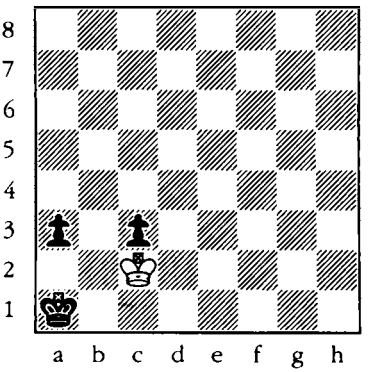

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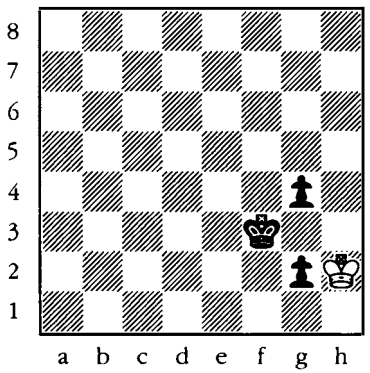

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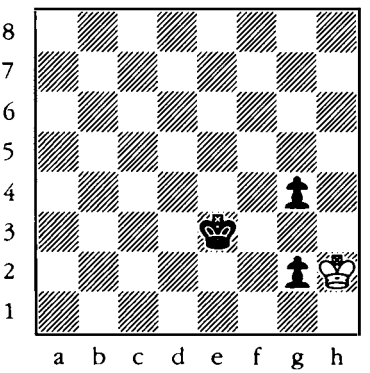

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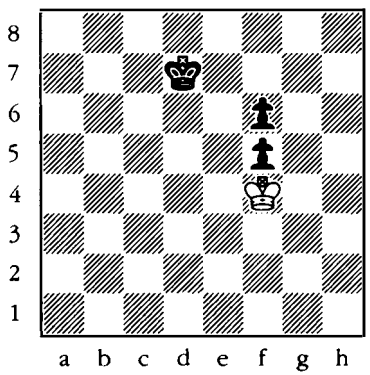

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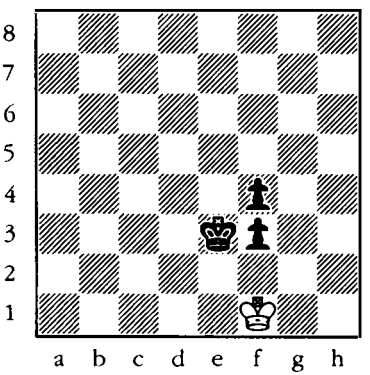
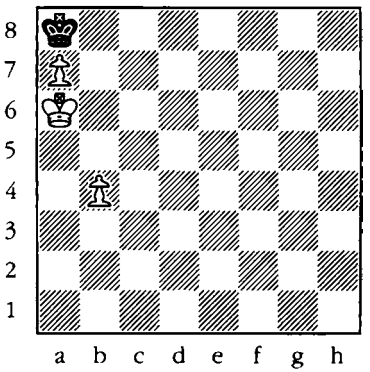


570

King + two pawns vs. king

White to move and win.



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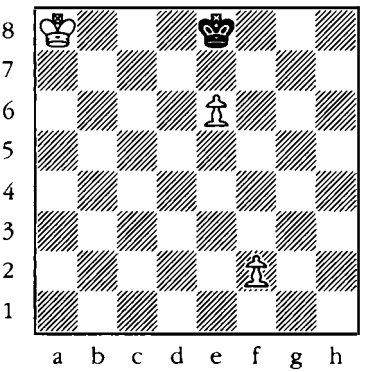

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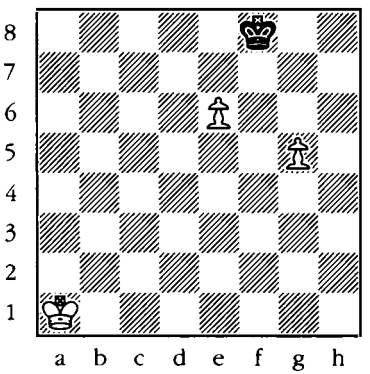

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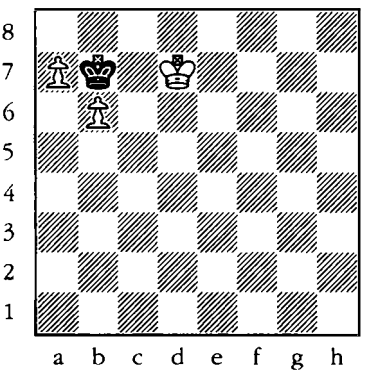

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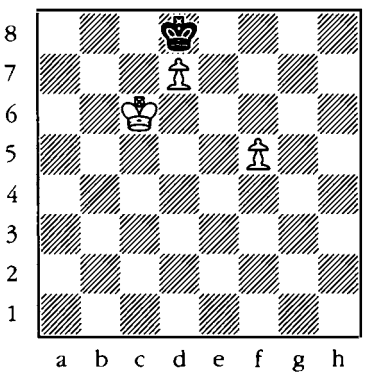

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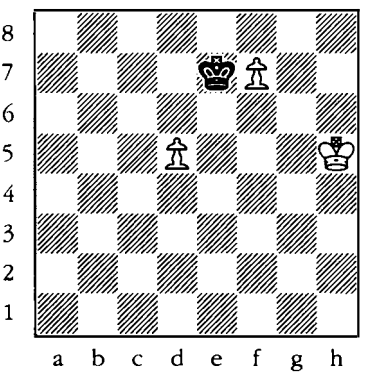
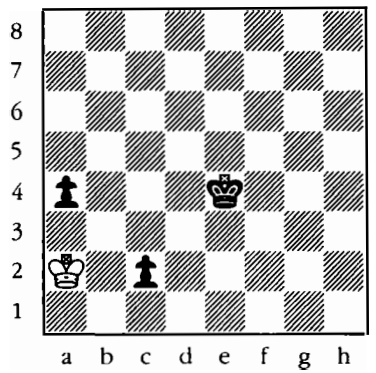


576

King + two pawns vs. king

White to move. Make a draw.



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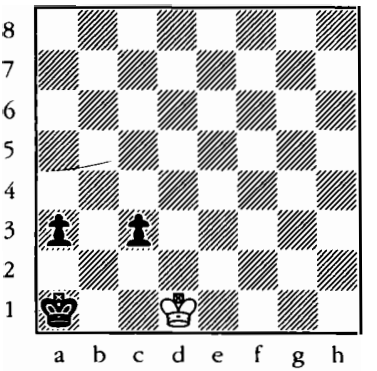

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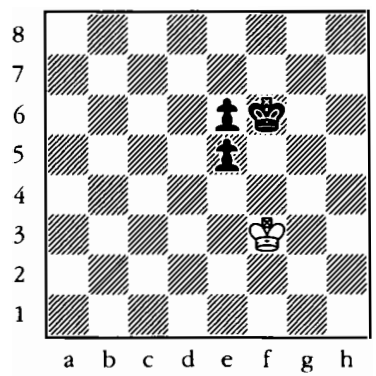

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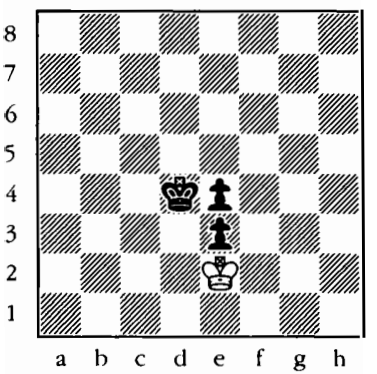

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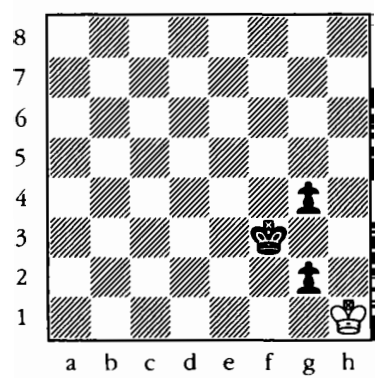

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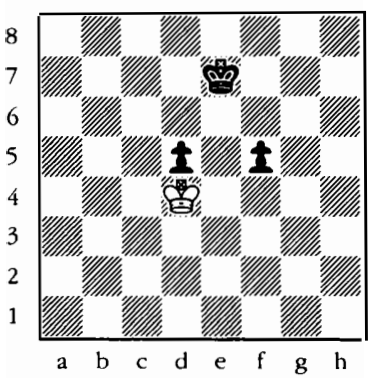
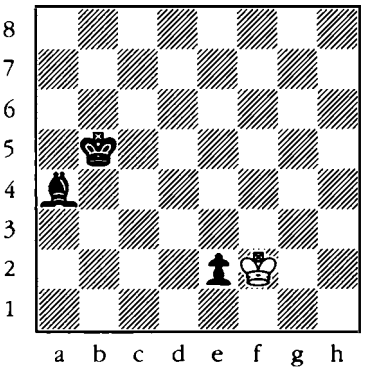


582

King + bishop + pawn vs. king

Black to move. Find the best move.



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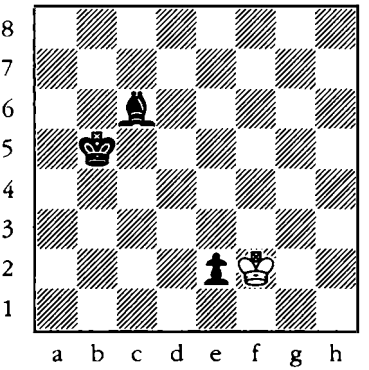

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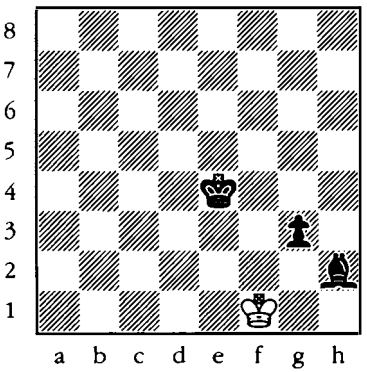

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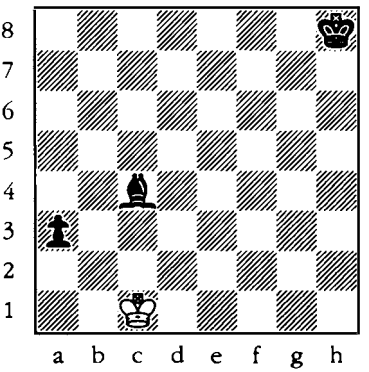

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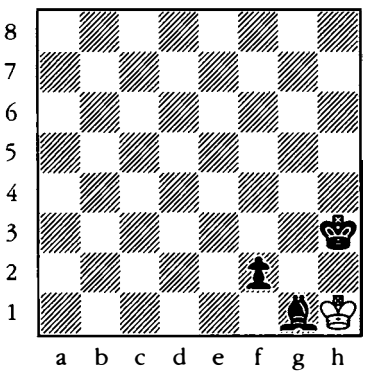

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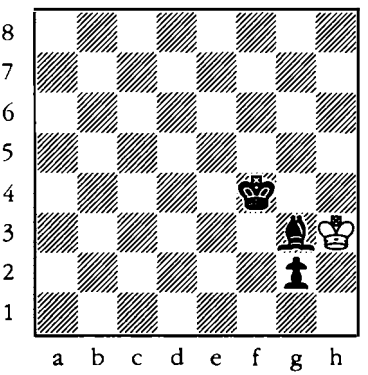
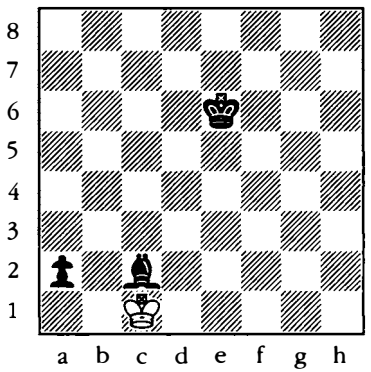


588

King + bishop + pawn vs. king

White to move. Make a draw.



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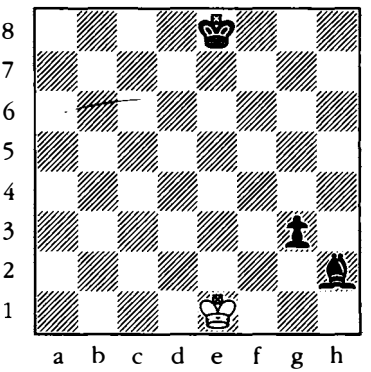

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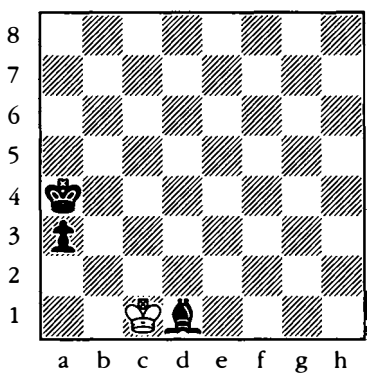

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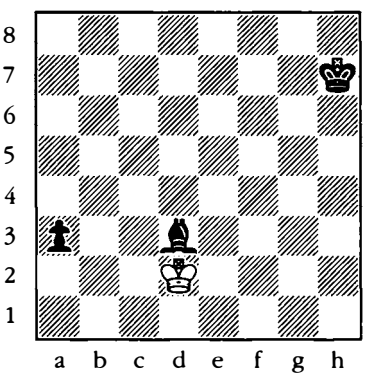

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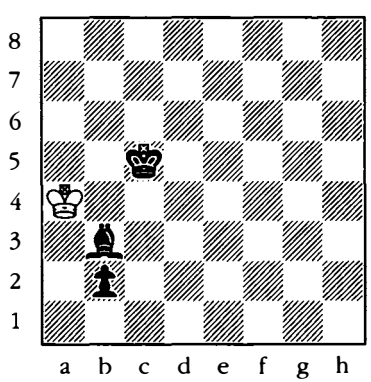

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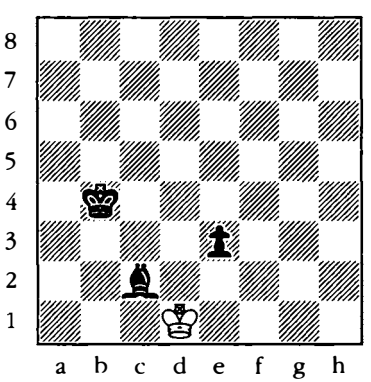
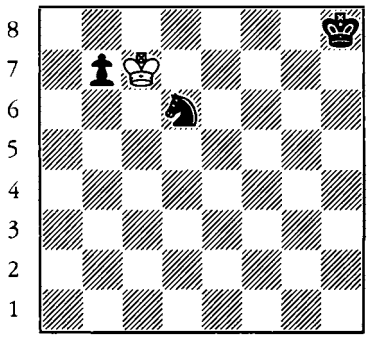


594

King + knight + pawn vs. king

Black to move and win.



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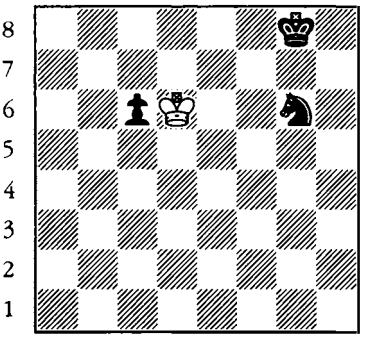

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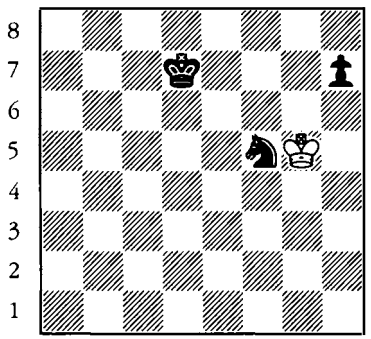

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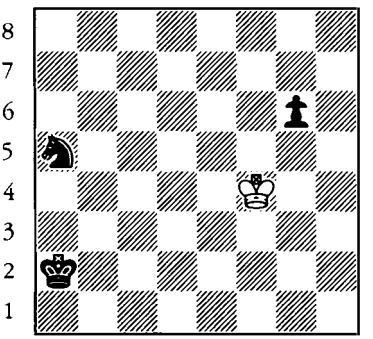

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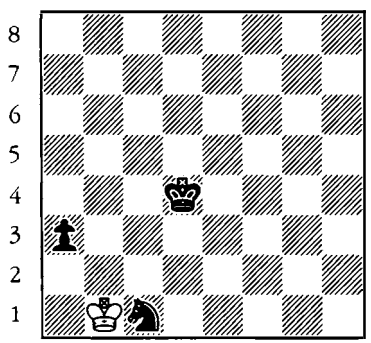

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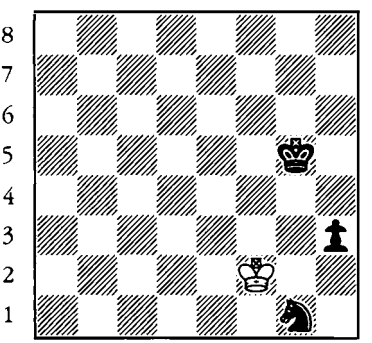
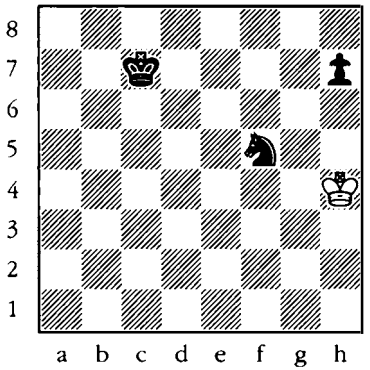


600

King + knight + pawn vs. king

White to move. Make a draw.



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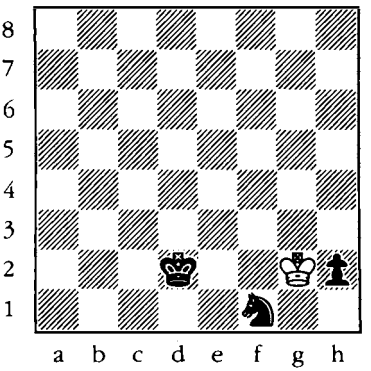

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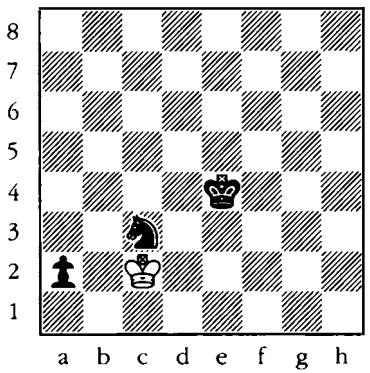

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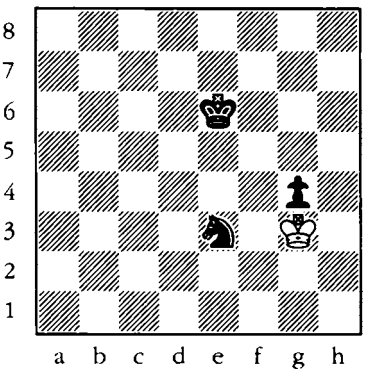

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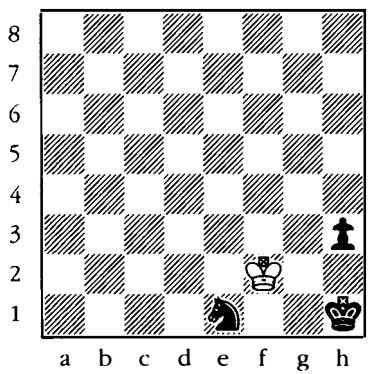

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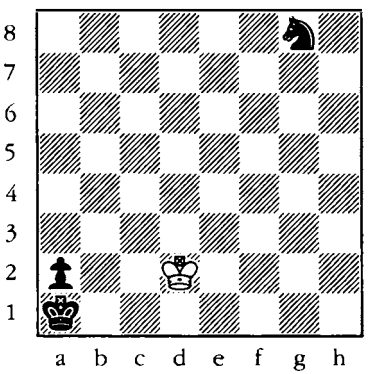
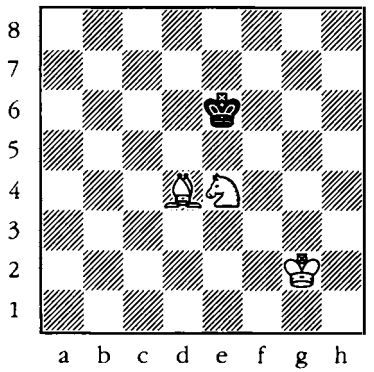


606

King + bishop + knight vs. king

Black to move. Make a draw.



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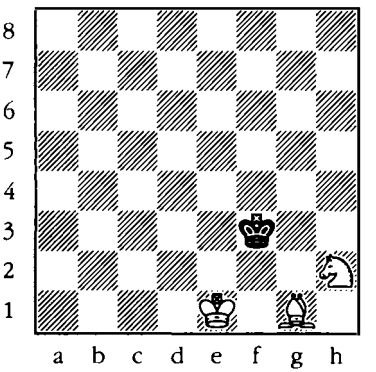

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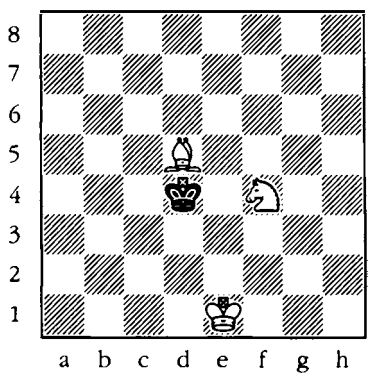

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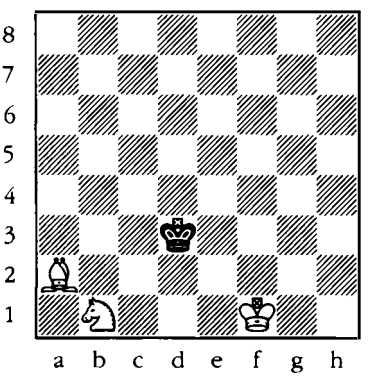
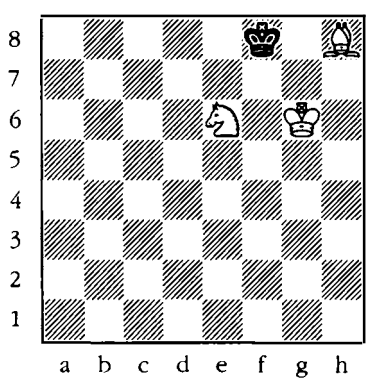
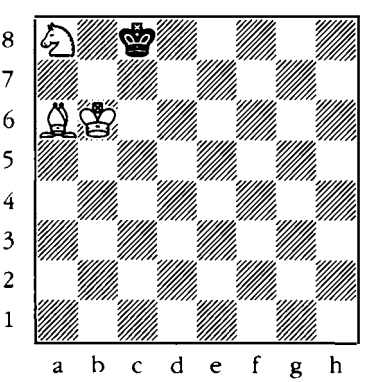


610



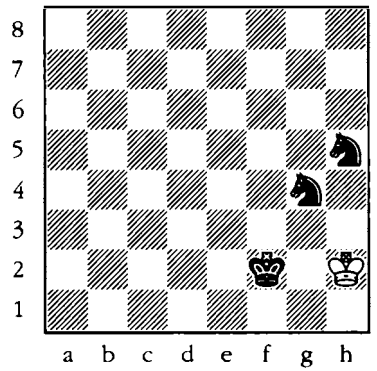
611



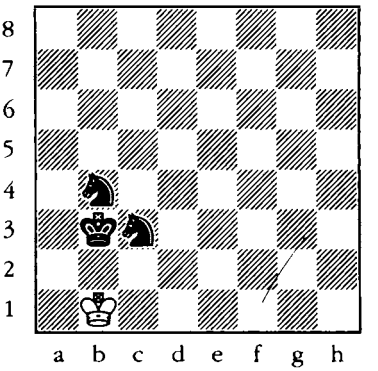
612

King + two knights vs. king

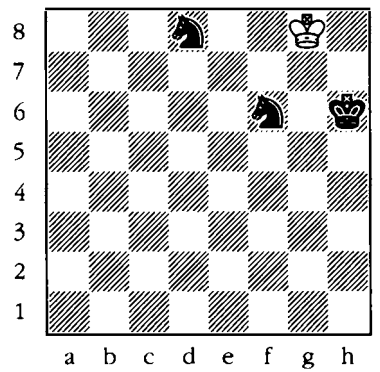
White to move. Make a draw.



613



614



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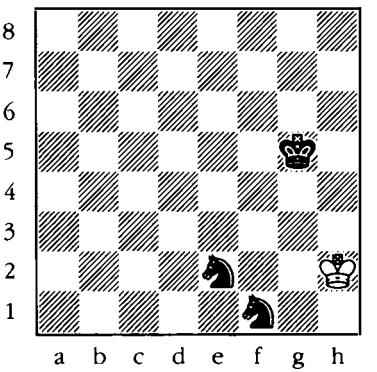

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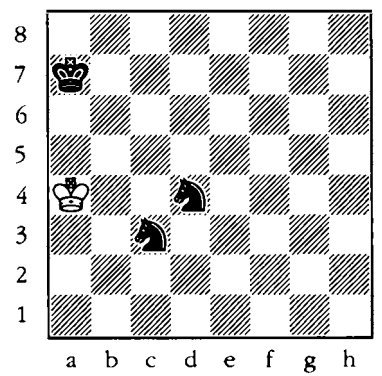
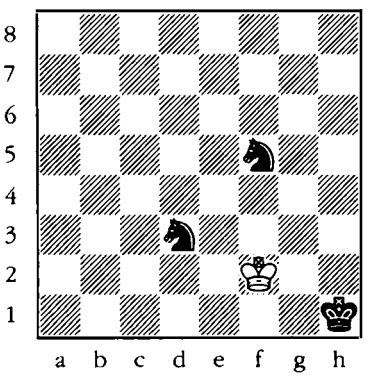


617



618

Solutions

1. No (because it loses a rook).

2. No.

3. No.

4. Yes.

5. No (due to stalemate or loss of the rook).

6. No.

7. 1. ♖g7+.

8. 1. ♖g8+.

9. 1. ♔d5.

10. 1. ♖d3.

11. 1. ♔d7.

12. 1. ♖f6.

13. 1... ♖g8.

14. 1... ♖a2.

15. 1... ♖a2.

16. 1... ♖g8.

17. 1...♔c3.

18. 1...♔d3.

19. 1. ♖f7.

20. 1. ♔b6.

21. 1. ♔f6.

22. 1. ♖e5.

23. 1. ♖c4.

24. 1. ♔f3.

25. No (due to stalemate).

26. No.

27. No.

28. No.

29. Yes.

30. Yes.

31. 1...♕d3.

32. 1...♕e4.

33. 1...♕h2+.

34. 1... ♔e2.

35. 1...♕e3.

36. 1...♔g4.

37. 1. ♕a7.

38. 1. ♕g2.

39. 1. ♕b2.

40. 1. ♕d6+.

41. 1. ♕h7.

42. 1. ♕f7+.

43. 1...♕e2.

44. 1...♔f3.

45. 1...♔c4.

46. 1...♔d3.

47. 1...♕g2.

48. 1...♕f8.

49. Yes.

50. Yes.

51. Yes.

52. Yes.

53. No.

54. Yes, after 1... ♔c3(d3).

55. 1...♔f3 2. ♔h2 ♔f2.

56. 1...♔b3.

57. 1...♔f3 (not 1... ♔e3, stalemate).

58. 1...♔d2.

59. 1...g1♖.

60. 1...c1♖.

61. 1. ♔xd2.

62. 1. ♔g1.

63. 1. ♔d1.

64. 1. ♔e2.

65. 1. ♔f2, stalemate.

66. 1. ♔c2, stalemate.

67. 1. d8♕.

68. 1. ♔f2.

69. 1. h8♕+.

70. 1. b8♕.

71. 1. d8♕.

72. 1. ♔g6.

73. 1...d2.

74. 1...♔e2.

75. 1...♔d3.

76. 1...♔b1.

77. 1...♔f4 2. ♔f1 ♔f3 3. ♔e1 ♔e3.

78. 1...♔c4 2. ♔c2 ♔d4 3. ♔d1 ♔d3.

79. 1. ♔a1.

80. 1. ♔e1.

81. 1. ♔b3 a2 2. ♔c2, stalemate.

82. 1. ♔e3 ♔c4 2. ♔d2 ♔d4 3. ♔d1.

83. 1. ♔f1 ♔e3 (1... ♔g3 2. ♔g1) 2. ♔e1.

84. 1. ♔h1 g2+ (1... ♔f2, stalemate) 2. ♔g1 ♔g3, stalemate.

85. 1...e2.

86. 1...d2.

87. 1... h2.

88. 1...e2.

89. 1...d2.

90. 1...a2.

91. 1. b6.

92. 1. ♔f5.

93. 1. ♔e7.

94. 1. ♔c6.

95. 1. ♔b7.

96. 1. ♔b6 ♔c8 2. ♔c6.

97. 1...♔h3 2. ♔g1 ♔g3.

98. 1...♔g2.

99. 1...f3.

100. 1...a3.

101. 1...♔c2 2. ♔a1 ♔b3 3. ♔b1 ♔a3 4. ♔a1 b3 5. ♔b1 b2.

102. 1...♔h3 2. ♔h1 g3 3. ♔g1 g2.

103. 1. ♔c1.

104. 1. ♔f3.

105. 1. ♔d2.

106. 1. ♔d2.

107. 1. ♔d4.

108. 1. ♔d4.

109. 1...♔d4.

110. 1...♔f4.

111. 1...♔b3.

112. 1...♔a4.

113. 1...♔b5.

114. 1...♔e5.

115. 1. f5.

116. 1. ♔c5.

117. 1. ♔f4.

118. 1. ♔a5.

119. 1. ♔c5.

120. 1. ♔c2 ♔e6 2. ♔b3 ♔d5 3. ♔a4 ♔c6 4. ♔a5.

121. 1...♔f8.

122. 1...♔e4.

123. 1...♔c8 2. ♔c4 ♔d8 3. ♔d4 ♔e8 4. ♔e5 ♔e7.

124. 1...♔f7 2. ♔e5 ♔e7. 3. ♔d5 ♔d7.

125. 1...♔b8 2. ♔b5 ♔b7.

126. 1...♔g8.

127. 1. b4.

128. 1. ♔f4.

129. 1. ♔b4.

130. 1. ♔d2 ♔b4 2. ♔e3 ♔c5 3. ♔e4.

131. 1. ♔e5.

132. 1. ♔h4.

133. 1...a5.

134. 1...g5.

135. 1...♔b4.

136. 1...♔f5 2. ♔e3 ♔g4.

137. 1...♔b4.

138. 1...♔c7 2. ♔b5 ♔d6 3. ♔c4 ♔e5.

139. 1. ♔c6.

140. 1. ♔e3 ♔c4 2. ♔d2 ♔b3 3. ♔c1.

141. 1. ♔d2.

142. 1. ♔c4 ♔a3 2. ♔c3.

143. 1. ♔d2 ♔d6 2. ♔e2 ♔e6 3. ♔f2.

144. 1. ♔g2 ♔f6 2. ♔f2 ♔e6 3. ♔e2.

145. 1...a5.

146. 1...h5.

147. 1...♔d5.

148. 1...♔f6 2. ♔e4 ♔e6.

149. 1...♔d5.

150. 1...♔b5 2. ♔c3 ♔c5 3. ♔d3 ♔d5.

151. 1. e4.

152. 1. ♔e3.

153. 1. ♔g2 ♔e5 2. ♔g3 ♔f5 3. ♔f3.

154. 1. ♔g5 ♔f3 2. ♔f5 ♔e3 3. ♔e5 ♔d3 4. ♔d5 ♔c2 5. b4.

155. 1. ♔g5 ♔d4 2. ♔f4.

156. 1. ♔b7 ♔d6 2. a4 ♔c5 3. a5.

157. 1...♔g3.

158. 1...♔f3.

159. 1...♔e4.

160. 1...♔e5.

161. 1...♔b6.

162. 1...♔b6.

163. 1...♖b8+.

164. 1...♖f4+.

165. 1...♖e1+.

166. 1...♔f5+ (discovered check).

167. 1...♔d5+.

168. 1...0-0-0+.

169. 1. ♖e4+.

170. 1. ♖h6+.

171. 1. ♖h6+.

172. 1. ♖e2+ ♔d5 2. ♖d2+.

173. 1. ♖g1+ and 2. ♖h1+.

174. 1. ♖a7+ any move by ♙lack 2. ♖a8+.

175. 1...♖a2 (threatening 2...♖a1#) 2. ♔c1 ♖a1+.

176. 1...♔b3 (threatening 2...♖e1#) 2. ♔c1 ♖e1+.

177. 1...♔c4 (threatening 2...♖a6# and 2...♔xd3).

178. 1...♔c6.

179. 1...♔c2.

180. 1...♔g3 (threatening 2...♖d1+) 2. ♖e1 ♔f2.

181. 1. ♔c2.

182. 1. ♖b4.

183. 1. ♔f3.

184. 1. ♔b1.

185. 1. ♔f3.

186. 1. ♔e1 ♖a1+ (1...♔e3 2. ♖g3+) 2. ♔f2.

187. 1...♖g1+.

188. 1...♖d1+.

189. 1...♔d5+ (discovered check).

190. 1...♖e5 (pin).

191. 1...♖d4+.

192. 1...♔f7 (*Zugzwang*).

193. 1. ♖e2+.

194. 1. ♖a8 (pin).

195. 1. ♖g8+ ♔ moves 2. ♖g7 (pin).

196. 1. ♖a8 ♔e8 2. ♔d6 (*Zugzwang*).

197. 1. ♖f8.

198. 1. ♔f7 ♔g5 2. ♖h7 ♔h5 3. ♔f6.

199. 1...♙e4.

200. 1...♙g3+.

201. 1...♙b7+.

202. 1...♙a4.

203. 1...♙d6.

204. 1...♔g3.

205. 1. ♖a8+.

206. 1. ♖d8+.

207. 1. ♖h3+.

208. 1. ♔xh6.

209. 1. ♖h5.

210. 1. ♔c7.

211. 1...♖h1+.

212. 1...♖c2+.

213. 1...♖a1.

214. 1...♖d4+.

215. 1...0-0+.

216. 1...♖g2 (threatening 2...♖g1+).

217. 1. ♖g2.

218. 1. ♔e5+.

219. 1. ♖b5.

220. 1. ♖c4+.

221. 1. ♖h8+ and 2. ♖h7+.

222. 1. 0-0-0+.

223. 1...♘c8+.

224. 1...♘f5+.

225. 1...♘c4.

226. 1...♘e3.

227. 1...♘e6.

228. 1...♔d6 (but not 1...♔e6 because of 2. ♔f4).

229. 1. ♖a8+.

230. 1. ♖h3+.

231. 1. ♖h1.

232. 1. ♖g5.

233. 1. ♔c7.

234. 1. ♔g6.

235. 1...♖f1+.

236. 1...♖d8+.

237. 1...♖e4+.

238. 1...♔b7(b8)+.

239. 1...♖h6+.

240. 1...♖e8+.

241. 1. ♖a8+ and 2. ♖a7+.

242. 1. ♖h3+.

243. 1. ♖b8+.

244. 1. ♖f7+.

245. 1. ♖f3+ ♔xf3, stalemate.

246. 1. ♖b3+ ♔(♕)xb3, stalemate.

247. 1...♖c1.

248. 1...♖g7.

249. 1...♖b6 2. ♕xb6, stalemate.

250. 1...♖h1+ (but not 1...♖c2+ because of 2. ♕xc2) 2. ♔g2 ♖g1+ 3. ♔xg1, stalemate.

251. 1...♖b7+, and it is a draw by perpetual check, as the white king can't cross the c-file because the queen is lost after 2...♖c7(+).

252. 1...♖h7+ 2. ♔g5 (2. ♔g6 ♖h6+) 2...♖g7+, and draw by perpetual check, since (for instance) 3. ♔f6 ♖g6+ leads to stalemate.

253. 1. ♕e3+.

254. 1. ♕h5+.

255. 1. ♕b5+.

256. 1. ♕c6+.

257. 1. ♕a4+.

258. 1. ♕e2+.

259. 1...♕a8+.

260. 1...♕g2+.

261. 1...♕a8.

262. 1...♕h7+.

263. 1...♕d4+.

264. 1...♕f6+.

265. 1. ♕g5+.

266. 1. ♕e3+.

267. 1. ♕e4.

268. 1. ♕d3+.

269. 1. ♔d4+.

270. 1. ♕e5+ (White can't take the rook yet because of stalemate) 1...♔h7 (1...♖g7 2. ♔h6) 2. ♕e4(f5) ♔h8 3. ♔xg6.

271. 1...♕c3+.

272. 1...♕a8.

273. 1...♕h3+.

274. 1...♕g4+.

275. 1...♕f5+.

276. 1...♕h2+.

277. 1. ♖a5+.

278. 1. ♖g2+.

279. 1. ♖h8.

280. 1. ♖a2.

281. 1. ♔f3.

282. 1. ♖c2.

283. 1...♖a7 2. h8♕ ♖a8+.

284. 1...♖h1 2. ♔d8 ♖h7 3. a8♕ ♖h8+.

285. 1...♖e6.

286. 1...♖e5.

287. 1...♔d6 2. c7 ♖b5+ 3. ♔a6 ♖c5.

288. 1...♔c7.

289. 1. h8♕+.

290. 1. e8♕+.

291. 1. d8♕(♖)+.

292. 1. b7+ ♔a7. 2. b8♕+.

293. 1. f8♕(♖)+.

294. 1. a8♕+ ♔b6 2. ♕b8+.

295. 1...e2+.

296. 1...f2.

297. 1...♔e3 (it's bad to move the king to the d-file, because of 2. ♖a8 and 3. ♖d8) 2. ♖a3+ ♔e2.

298. 1...♔e5 2. ♖c5+ ♔e6 (or 2...♔d6 3. ♖c8 ♔d7) 3. ♖c6+ ♔d7.

299. 1...♔e4 (but not 1...♔e2 2. ♖c2 with a draw) 2. ♖c4+ ♔e5 3. ♖c5+ ♔e6 (or 3...♔d6 4. ♖c8 ♔d7) 4. ♖c6+ ♔d7.

300. 1...♔f4 (1...♔f2, for instance, is bad on account of 2. ♖h8 e1♕ 3. ♖f8+ ♔e2 4. ♖e8+) 2. ♖h4+ ♔f5 3. ♖h5+ ♔f6 (or 3...♔e6) 4. ♖h6+ ♔e7 5. ♖h7+ ♔d6 6. ♖h6+ ♔d5 7. ♖h5+ ♔d4 8. ♖h4+ ♔d3 9. ♖h3+ ♔d2.

301. 1. g7 ♖xg7, stalemate.

302. 1. a7.

303. 1. ♔h6.

304. 1. ♔f7.

305. 1. h7 ♖h8 2. ♔g6.

306. 1. h8♕+ (1. h8♖, or even 1. h8♗+, also draws).

307. 1...♖f3.

308. 1...♖g7.

309. 1...♖d6.

310. 1...♖e6+.

311. 1...♖d8.

312. 1...♖g4 2. f8♕ ♖f4+ 3. ♕xf4, stalemate.

313. 1. ♖a2.

314. 1. ♔c4.

315. 1. ♔g3.

316. 1. ♖b1.

317. 1. ♖d3.

318. 1. ♖g3.

319. 1...b2+.

320. 1...g1♕+.

321. 1...c1♕+.

322. 1...b1♕+.

323. 1...d1♕+.

324. 1...gxf1♖.

325. 1. ♕c3+.

326. 1. ♕a6+.

327. 1. ♕a1+.

328. 1. ♔b1(b2)+.

329. 1. ♕f3+.

330. 1. ♕h2+.

331. 1...♕b1+.

332. 1...♕f1+.

333. 1...♕a1+.

334. 1...♕h6+.

335. 1...♕a5+ 2. ♔d1 (2. ♔f1 ♕a1#) 2... ♕a1+.

336. 1...♔f2.

337. 1...♕xa6+.

338. 1...♕xf7+.

339. 1...♔f7.

340. 1...♕d8.

341. 1...♕xa3+.

342. 1...♕h8+.

343. 1. ♔b4.

344. 1. ♔c3 (but not 1. ♔e3 because of 1... ♕b3+).

345. 1. ♔f6.

346. 1. ♔c5.

347. 1. ♔f5.

348. 1. ♕h2+.

349. 1...♕h2+.

350. 1...♕d4+ (but not 1...♕g7+ 2. ♕f6).

351. 1...♕c2+.

352. 1...♕c3+.

353. 1...♕a5+.

354. 1... ♔xd3.

355. 1. ♕e5+.

356. 1. ♕d5+.

357. 1. ♔xc6.

358. 1. ♔xb3.

359. 1. ♕a6+.

360. 1. ♔c7+.

361. 1...♕h8+.

362. 1...♕e7+.

363. 1...♕d4+.

364. 1...♕e1.

365. 1...♕f3+.

366. 1...♕c4+.

367. 1. ♕b5+.

368. 1. ♕a2+.

369. 1. ♕g5+.

370. 1. ♕e4+.

371. 1. ♕f5.

372. 1. ♕f3+.

373. 1...♗g6+.

374. 1...♗c6+.

375. 1...♗g7+.

376. 1...♗a7.

377. 1...♗b1+ 2. ♔xb1, stalemate.

378. 1...♗g6 2. ♕xg6, stalemate.

379. 1. ♗f6+.

380. 1. ♗e6+.

381. 1. ♗e5+.

382. 1. ♗b3.

383. 1. ♗c2+.

384. 1. ♗h4+.

385. 1...♔c3.

386. 1...♕f2+.

387. 1...♕f1.

388. 1...♔f3.

389. 1...♔e3.

390. 1...♕b8.

391. 1. ♕h5+.

392. 1. ♕e1+.

393. 1. ♕c3+.

394. 1. ♕c3+.

395. 1. ♕a8+.

396. 1. ♕a2+.

397. 1...♕a8.

398. 1...♕b1+.

399. 1...♔g6+ (discovered check).

400. 1...♕h3.

401. 1...♕f2.

402. 1...♕d4+.

403. 1. ♘f3+.

404. 1. ♘c3+.

405. 1. ♘e5+.

406. 1. ♘g6+.

407. 1. ♘a6+ ♔a8 2. ♘c7+ with perpetual check.

408. 1. ♘c2+.

409. 1. ♔g1.

410. 1. ♔b6.

411. 1. ♔b1.

412. 1. ♔a2.

413. 1. ♔a5.

414. 1. ♔h1.

415. 1...♔f3.

416. 1...♕a7+.

417. 1...♔a3.

418. 1...♔f3.

419. 1...♕g4.

420. 1...♕c1.

421. 1...♔e5.

422. 1...♕b4.

423. 1...♕b1.

424. 1...♕c2.

425. 1...♕d2+.

426. 1...♕e3+.

427. 1. ♕g2.

428. 1. ♕e8.

429. 1. ♕c4.

430. 1. ♕g4.

431. 1. ♕c1+.

432. 1. ♕e3+.

433. 1...♕f8.

434. 1...♕h1.

435. 1...♕c5.

436. 1...♕a7.

437. 1...♕a2+.

438. 1...♕a4.

439. 1. a8♕+.

440. 1. h8♕(♖)+.

441. 1. a8♕+.

442. 1. d8♕(♖)+.

443. 1. h8♕+ ♕h2 2. ♕a8+.

444. 1. g8♕.

445. 1...♔a1.

446. 1...♔a1.

447. 1...e2.

448. 1...♔g1.

449. 1...♔e2.

450. 1...♔d2.

451. 1. b8♕(♖)+.

452. 1. h8♕(♖)+.

453. 1. a8♕+.

454. 1. a8♕(♖)+.

455. 1. b8♕+.

456. 1. d8♕+.

457. 1...♔e3.

458. 1...♔b3.

459. 1...♔d3.

460. 1...♕d4.

461. 1...♕c7.

462. 1...♕e5.

463. 1. ♔b7.

464. 1. ♔f2.

465. 1. ♔e5.

466. 1. ♔f6 ♗g1 2. ♔e5.

467. 1. bxc7.

468. 1. ♔f6.

469. 1...♔f4.

470. 1...♔f2.

471. 1...♔f3 2. ♗e8 ♔g4.

472. 1...♔g6 2. ♗b7 ♔f5.

473. 1...♔c3 2. ♗h2 ♔d4.

474. 1...h5 2. ♔c2 h4.

475. Yes (White promotes the pawn to a queen with check).

476. No.

477. Yes.

478. No.

479. No.

480. No.

481. 1...♔g5.

482. 1...♗h7.

483. 1...♔b4.

484. 1...♗b6+.

485. 1...♗d8.

486. 1...♗h6 2. ♔e4 ♗f8.

487. 1. ♗b2.

488. 1. ♗h3.

489. 1. ♗f4+.

490. 1. ♔d1.

491. 1. ♔f4.

492. 1. ♗b1.

493. 1...b1♕.

494. 1...b1♕.

495. 1...g1♕.

496. 1...c1♕.

497. 1...b1♕+.

498. 1...f1♕+.

499. 1. a7.

500. 1. h6.

501. 1. ♔b6.

502. 1. ♔g7.

503. 1. ♔e7.

504. 1. ♔e8.

505. 1...♘b5.

506. 1...♘a5.

507. 1...♘g5.

508. 1...♘d6.

509. 1...♔e6.

510. 1...♘b8.

511. 1. ♘c1.

512. 1. ♘b4.

513. 1. ♔f2.

514. 1. ♘g4.

515. 1. ♔f1.

516. 1. ♔c2.

517. 1...g1♕.

518. 1...g1♕.

519. 1...a1♕.

520. 1...g1♕.

521. 1...d1♕.

522. 1...♔c7.

523. 1. ♔d7 ♔f7 (1...♔f5 2. ♔d6) 2. ♔d6 ♔f8 3. ♔xe6.

524. 1. ♔d5 ♔f3 2. ♔d4.

525. 1. ♔e5 ♔f7 2. ♔d6.

526. 1. ♔g6.

527. 1. ♔e5 ♔d3 2. ♔f6 ♔e4 3. ♔g7 ♔f5 4. ♔xh7.

528. 1. d5 ♔c5 2. ♔e6.

529. 1...h3.

530. 1...d2.

531. 1...g3 2. h8♕ g2+ 3. ♔h2 g1♕+ 4. ♔h3 ♕h1+.

532. 1...a3.

533. 1...♔f4.

534. 1...g4 2. h4 g3 3. h5 g2+.

535. 1. ♔f4.

536. 1. h4 c5+ 2. ♔e3 ♔b3 3. h5 c4 4. h6 c3 5. h7 c2 6. ♔d2 ♔b2 7. h8♕+.

537. (Grigoriev) 1. ♔e4 ♔b3 (1...c5 2. 2. ♔d5) 2. ♔d4 ♔b4 3. h4 c5+ 4. ♔e3 ♔b3 5. h5 c4 6. h6 c3 7. h7 c2 8. ♔d2 ♔b2 9. h8♕+.

538. (Rinck) 1. a4 ♔b3 2. a5 ♔c4 3. a6 ♔d3 4. a7 f2 5. a8♕.

539. (Hebers) 1. ♔g4 ♔b4 2. ♔f5 ♔c4 3. ♔e4.

540. (Dedrle) 1. ♔b1 a3 2. b3 ♔e5 3. ♔a2 ♔d5 4. ♔xa3 ♔c6 5. ♔a4.

541. 1...♔f7 2. ♔d8 ♔e6.

542. 1...d5 2. ♔e5 ♔c7 3. ♔xd5 ♔d7.

543. 1...e3 2. ♔xe3 (2. fxe3 ♔f6) 2...♔e5.

544. 1...h5 2. ♔xh5 ♔h7.

545. 1...f2 2. f8♕ f1♕ 3. ♕xf1, stalemate.

546. 1...h3.

547. 1. e4 ♔e3 2. ♔e1 ♔xe4 3. ♔e2.

548. 1. a4 ♔xa4 2. ♔a2.

549. 1. f4 ♔e4 2. ♔f1(e1) ♔xf4 3. ♔f2.

550. 1. e5 dxe5 2. ♔c1 ♔d5 3. ♔d1.

551. (Grigoriev) 1. ♔d7 ♔c5 2. ♔e6 ♔d4 3. ♔f5 ♔c3 4. ♔e4 ♔b2 5. ♔d3 ♔xa2 6. ♔c2.

552. (Réti) 1. ♔g7 h4 (1...♔b6 2. ♔f6 h4 3. ♔e5) 2. ♔f6 h3 (2...♔b6 3. ♔e5 h3 4. ♔d6) 3. ♔e7 h2 4. c7 h1♕ 5. c8♕.

553. 1...h1♕(♖).

554. 1...g1♕(♖).

555. 1...g1♕.

556. 1...h1♕.

557. 1...g2+.

558. 1...c1♕+.

559. 1. cxd7.

560. 1. e7.

561. 1. h8♕+.

562. 1. g8♕.

563. 1. b8♖.

564. 1. d8♕.

565. 1...a2.

566. 1...♔a2 2. ♔c1 ♔b3.

567. 1...g1♕+ (promoting the pawn into other pieces also wins) 2. ♔xg1 ♔g3 3. ♔f1 ♔h2.

568. 1...g1♕+ (or 1...g1♖) 2. ♔xg1 ♔f3 3. ♔h2 ♔f2 4. ♔h1 ♔g3 5. ♔g1 ♔h3 6. ♔h1 g3 7. ♔g1 g2.

569. 1...♔e6 2. ♔f3 ♔e5 3. ♔e3 f4+ 4. ♔f3 ♔f5.

570. 1...f2 2. ♔g2 ♔e2.

571. 1. ♔b5.

572. 1. f4 ♔e7 2. f5.

573. 1. g6.

574. 1. a8♕+ (1. a8♖ or 1. a8♘ also win) 1...♔xa8
2. ♔c6 ♔b8 3. b7.

575. 1. ♔d5 ♔xd7 2. f6.

576. 1. ♔g6 ♔f8 2. ♔f5 ♔xf7 3. d6.

577. 1. ♔b2 ♔d3 2. ♔c1.

578. 1. ♔c1 ♔a2 2. ♔c2.

579. 1. ♔e4.

580. 1. ♔e1 ♔d3 2. ♔d1 e2+ 3. ♔e1.

581. 1. ♔g1.

582. 1. ♔e5.

583. 1...♗d1.

584. 1...♗f3.

585. 1...♔f3.

586. 1...♗d3.

587. 1...♔g4(h4).

588. 1...g1♘+.

589. 1. ♔b2.

590. 1. ♔f1.

591. 1. ♔b1.

592. 1. ♔c3 ♗c4 2. ♔c2.

593. 1. ♔a3.

594. 1. ♔e2.

595. 1...b5.

596. 1...♘e7.

597. 1...♔e6.

598. 1...♘c6 2. ♔g5 ♘e7.

599. 1...♔c3 2. ♔a1 ♔b3.

600. 1...♘e2.

601. 1. ♔g5.

602. 1. ♔h1.

603. 1. ♔b2.

604. 1. ♔f4.

605. 1. ♔g3 h2 2. ♔f2.

606. 1. ♔c2.

607. 1...♔d5.

608. 1...♔g2.

609. 1...♔e5.

610. 1...♔c2, and there is no defense against 2... ♔b2.

611. 1...♔g8, and the bishop cannot move because of stalemate.

612. 1...♔b8, and the knight cannot be saved because of stalemate.

613. 1. ♔h3.

614. 1. ♔c1.

615. 1. ♔f8.

616. 1. ♔g2(h1).

617. 1. ♔a3(b4).

618. 1. ♔e2(f3).

Chess Camp is a new training system for beginning chessplayers, and for the parents and coaches who teach them. Starting with simple problems to illustrate key concepts, and then progressing to more complex positions, the student will learn by doing, methodically integrating new information with previous knowledge while building effective thinking habits at the board.

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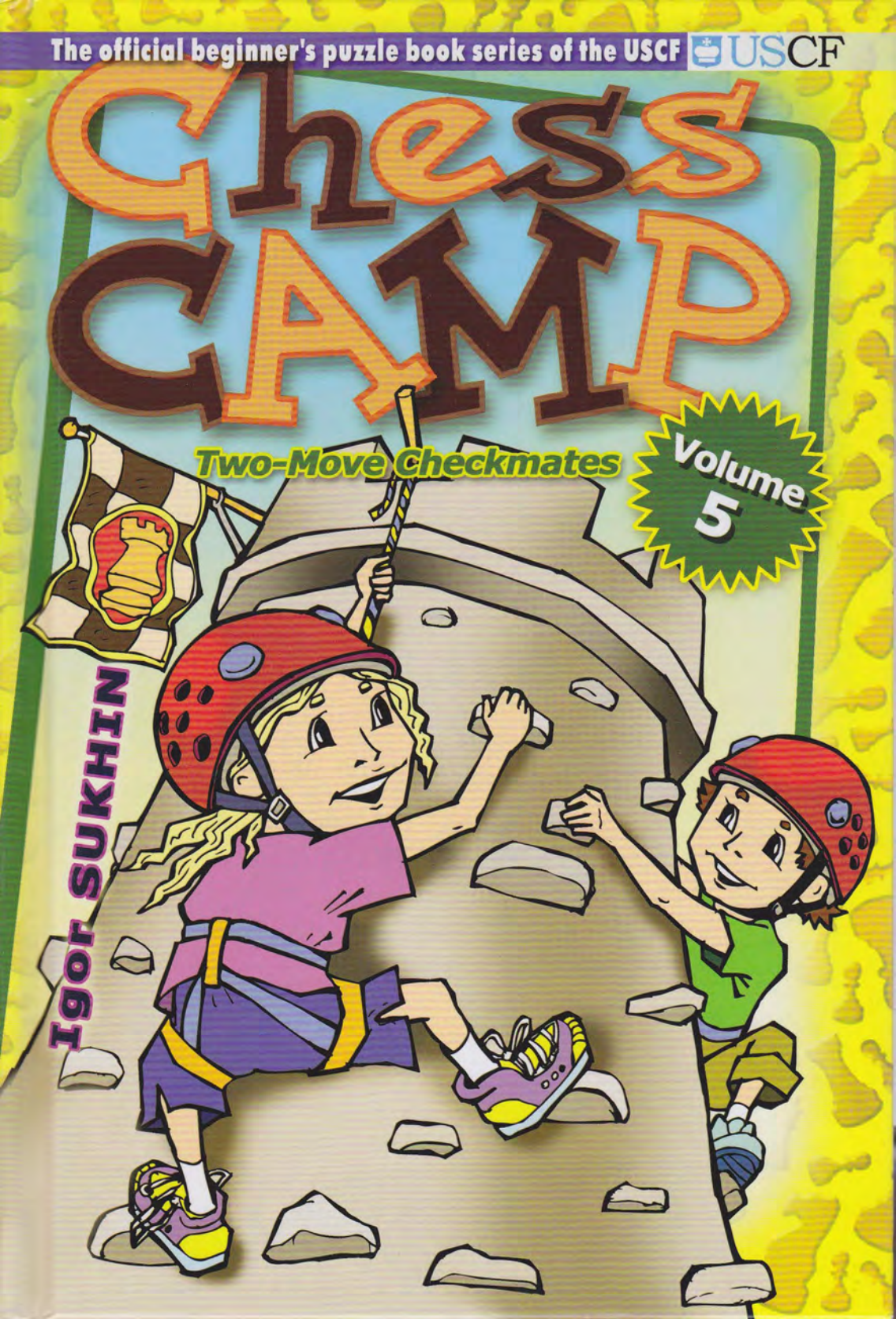
Two-Move Checkmates

Volume 5



Igor SUKHIN

Igor Sukhin

Chess Camp

Volume 5: Two-Move Checkmates

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Note for Coaches, Parents, Teachers, and Trainers

After working through the first books in this series, the student has learned about the relative strength of the pieces, mastered typical methods in attack and defense, and learned how to checkmate in one move. This book presents the student with more difficult problems.

Delivering checkmate in two moves is essentially a three-stage process. The winning side has to find an attacking plan which would allow "capturing" the enemy king in no less than three moves. Moreover, the player must account for the best defense and find a way to overcome it.

When a chessplayer is carrying out a two-move checkmate, the opponent often has several ways to defend. However, checkmate follows each time. This is where the student will make use of his or her one-move checkmating skills. In order to solve such problems, the student needs to see the final mating structure; barring that, the puzzle might pose some difficulties.

This fifth volume sets several goals: a) to review checkmating skills; b) to teach the student to feel the harmony of the pieces; c) to teach how to overcome the best defense; d) to get the student into the habit of thinking in terms of calculation.

The book is divided into two distinct parts. In the first part, the student checkmates without sacrificing material, while in the second part the student needs to find a combination. Usually, authors of tactical manuals classify their material by combinational theme (*i.e.*, combinations with the theme of distraction, or blocking). Unfortunately, players don't get such "hints" during an actual game. That is why, in this book, the problems are structured by what pieces the attacking side has (for instance, the attacker checkmates with two rooks, two bishops, etc.).

Problems where the attacking side has not more than five pieces and pawns comprise the largest part of this book. These problems teach key ideas applicable also to problems with more chessmen. Solving problems with a limited number of attackers should allow the student to find checkmate in a variety of situations.

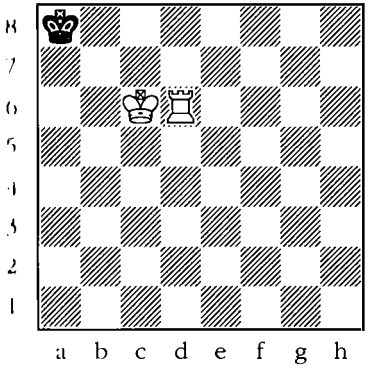
Very often the first move is a check. This cuts down on the number of variations the student has to consider. There are a few problems which do not begin with check. In this case the first move creates a strong threat, which the defender is unable to parry, and puts the defending side in a state of *Zugzwang*, when all moves only make the position worse. The later problems are more difficult, yet more beautiful. Learning to solve such problems will advance the student's appreciation of the harmony of the pieces, and will aid in mastering the deeper secrets of the game.

Checkmate In Two without a Sacrifice

King + piece vs. king

King + rook

White to move.



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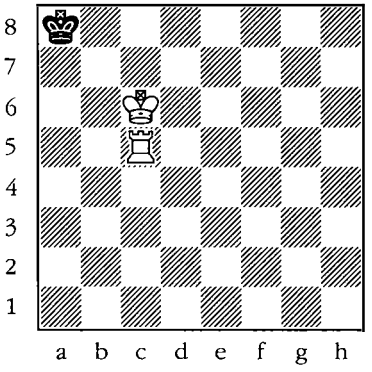

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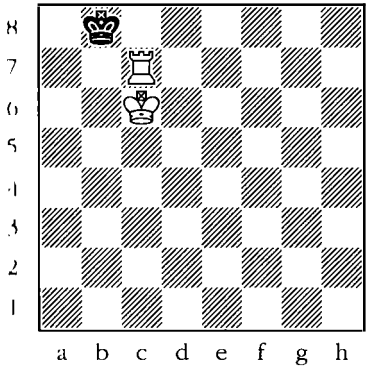

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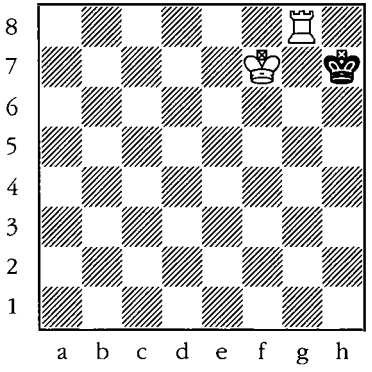

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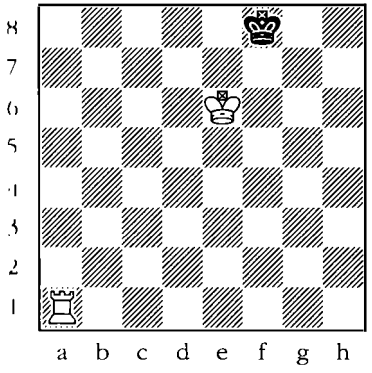

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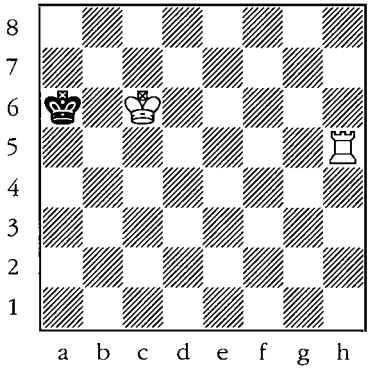

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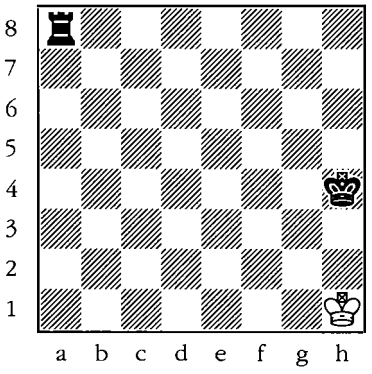
King + rook

Black to move.



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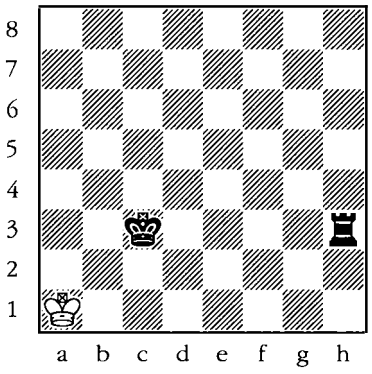

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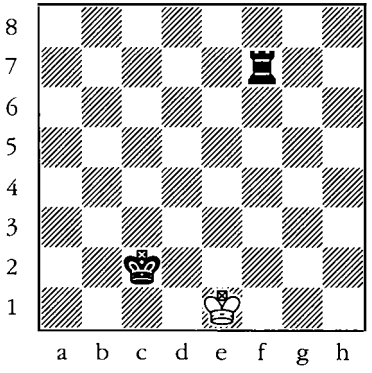

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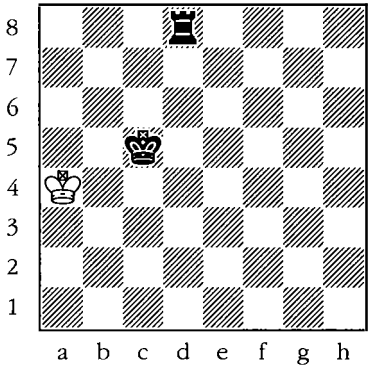

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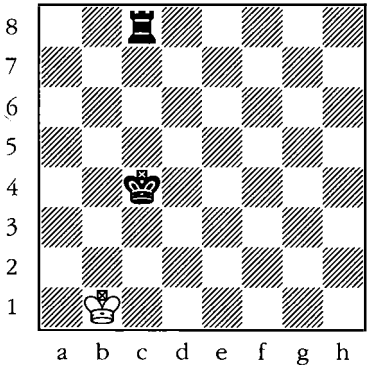

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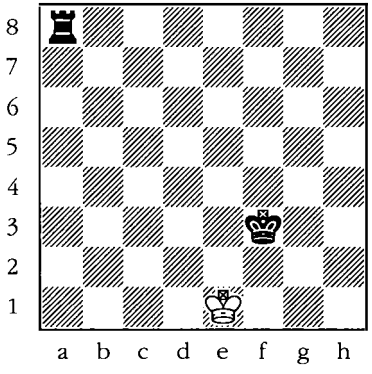

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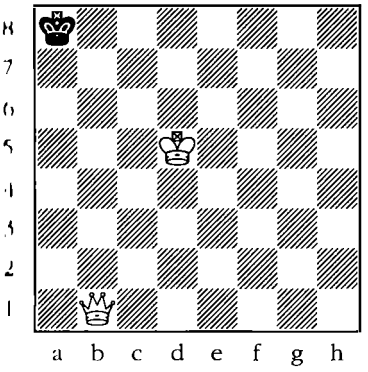
King + queen

White to move.



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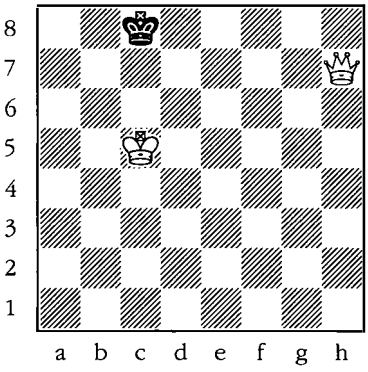

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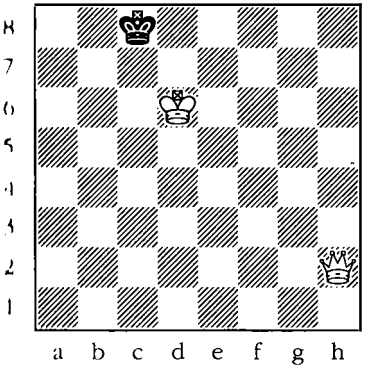

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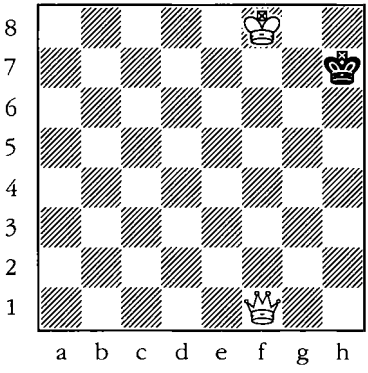

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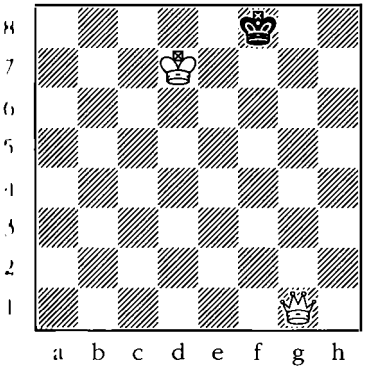

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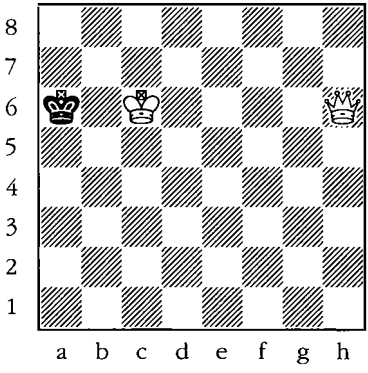

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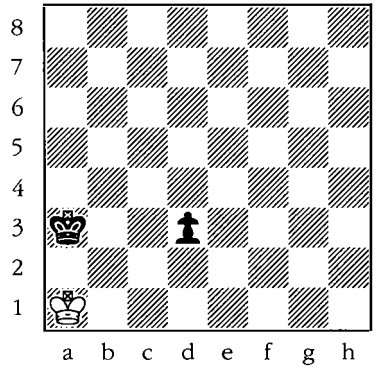
King + pawn

Black to move.



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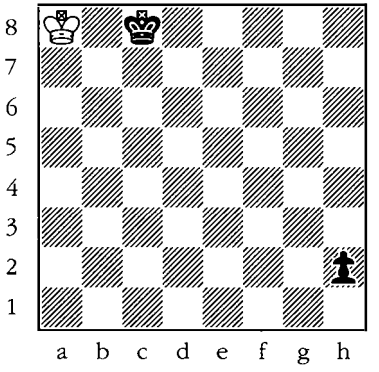

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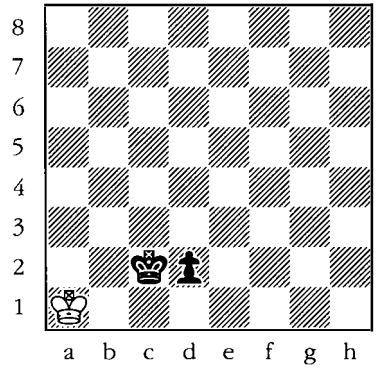

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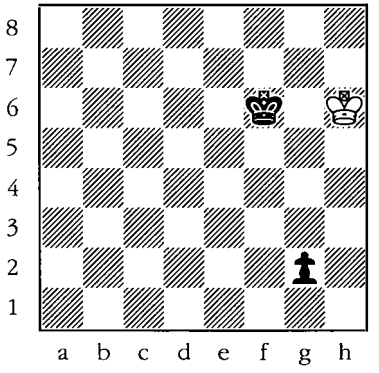

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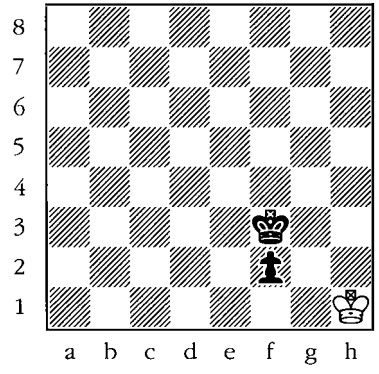

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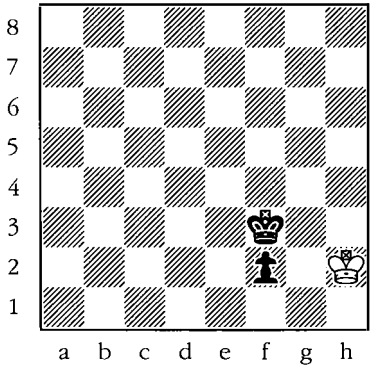

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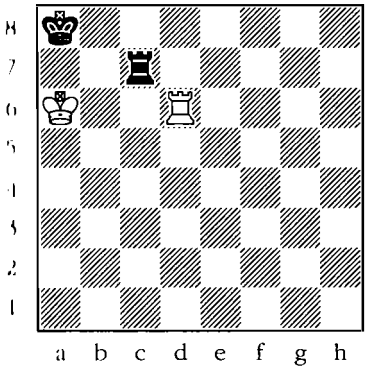
King + piece vs. various pieces

King + rook

White to move.



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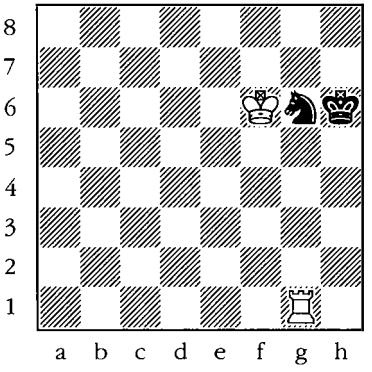

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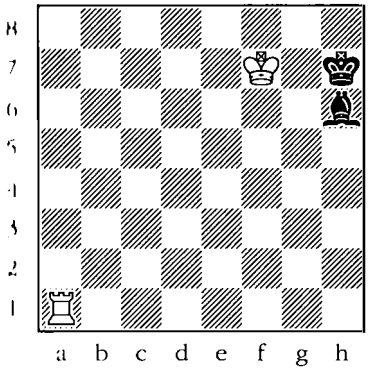

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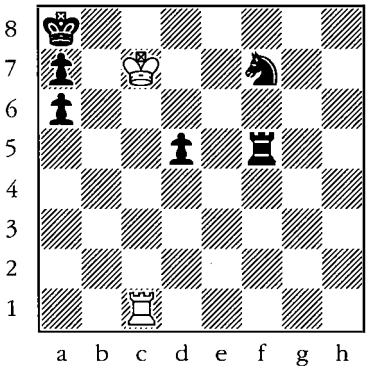

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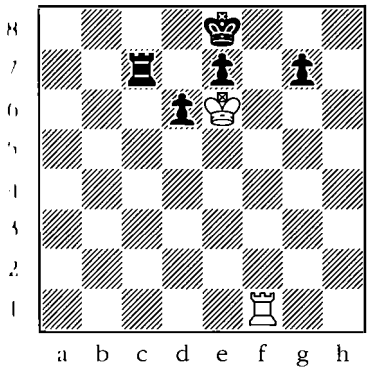

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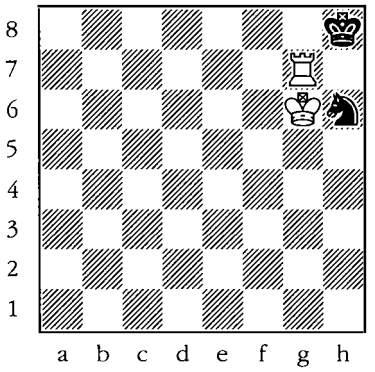
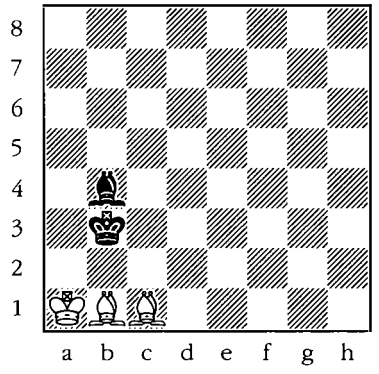


30

King + bishop

Black to move.



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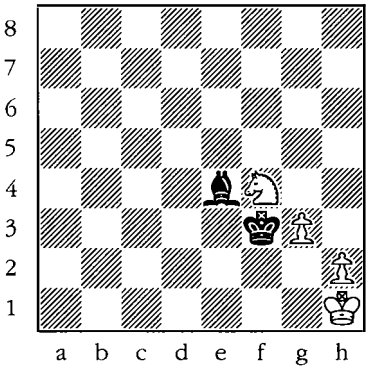

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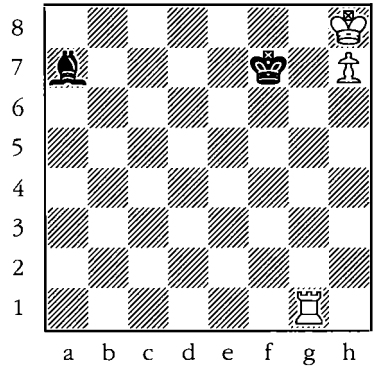

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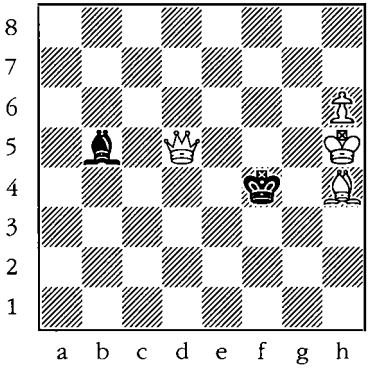

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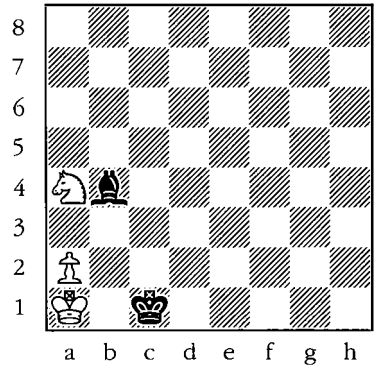

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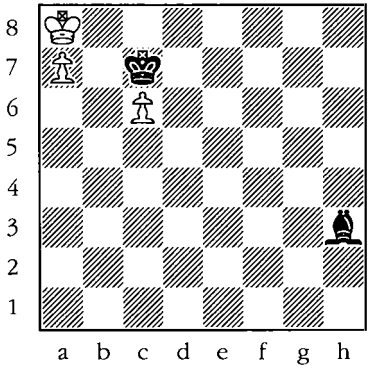
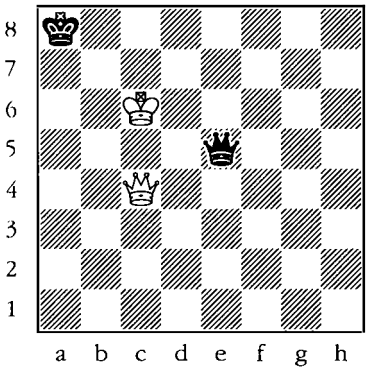


36

King + queen

White to move.



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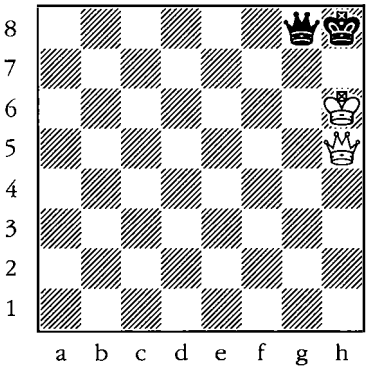

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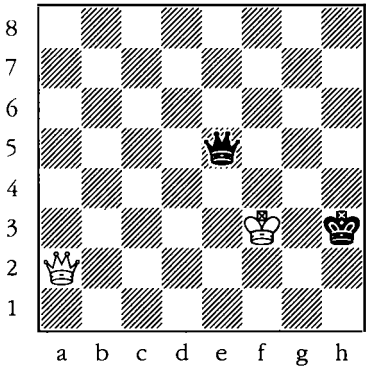

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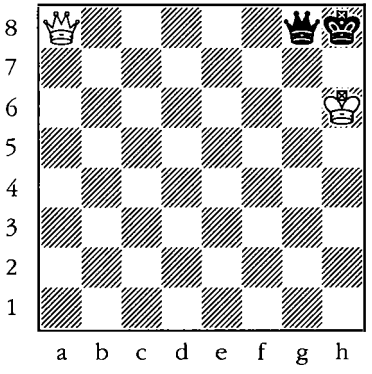

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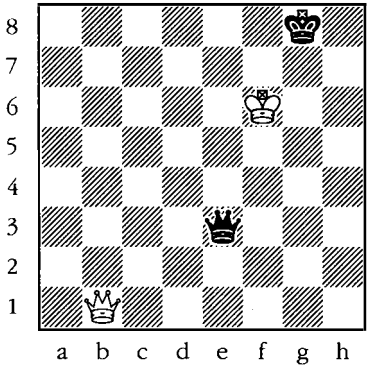

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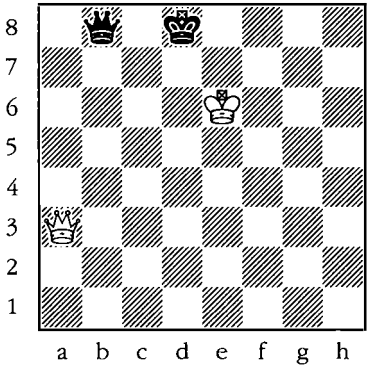
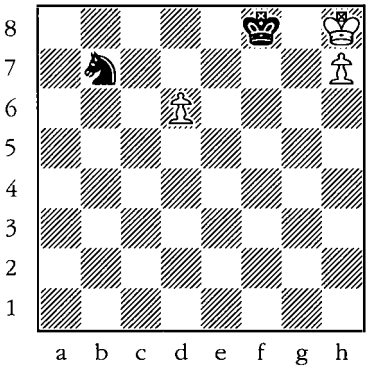


42

King + knight

Black to move.



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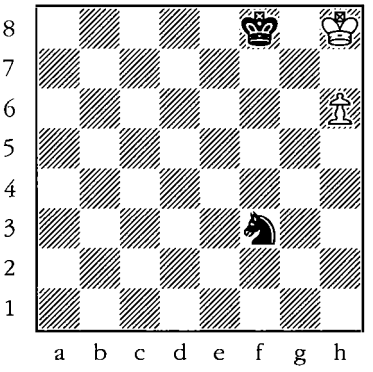

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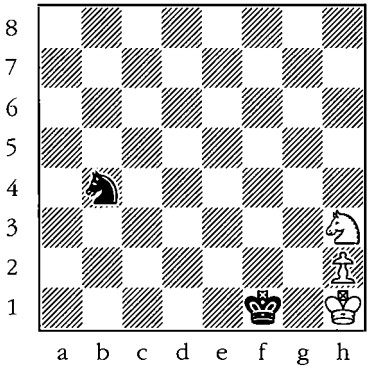

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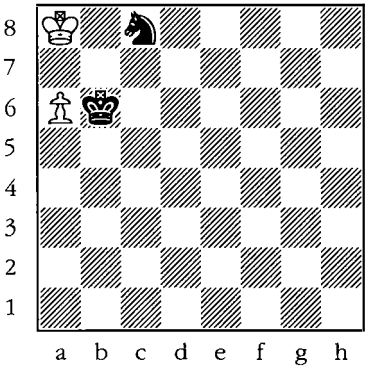

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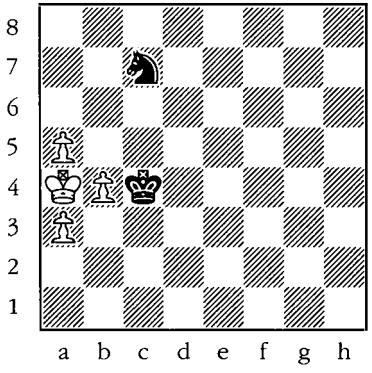

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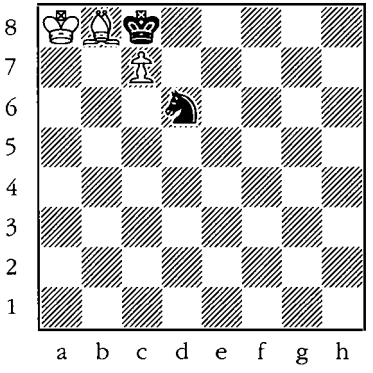
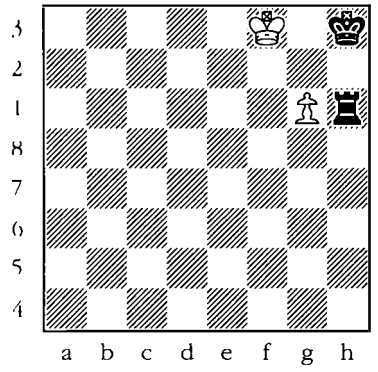


48

King + pawn

White to move.



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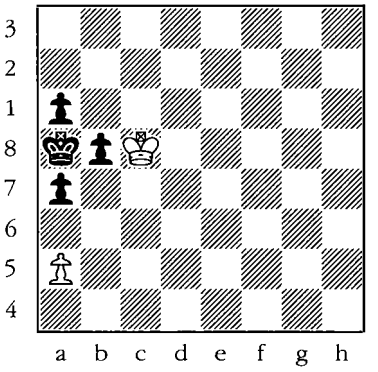

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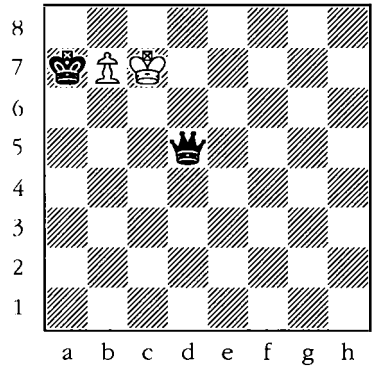

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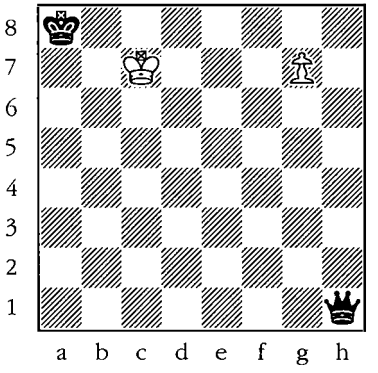

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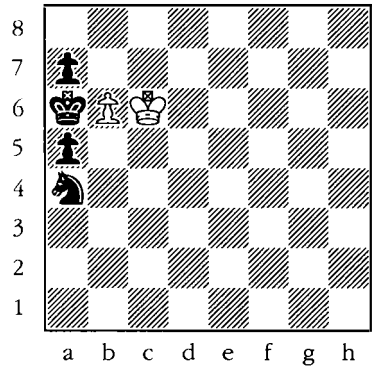

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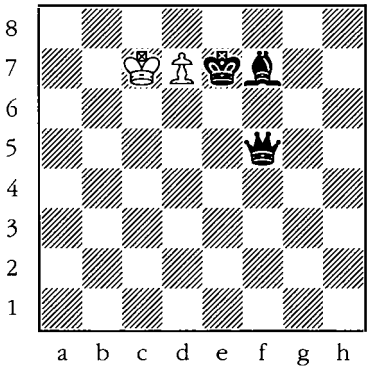
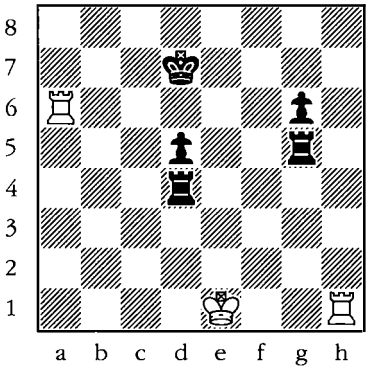


54

King + two pieces vs. various pieces

King + two rooks

White to move.



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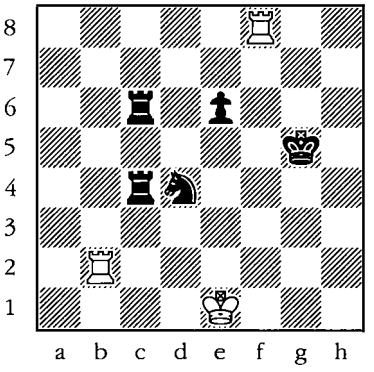

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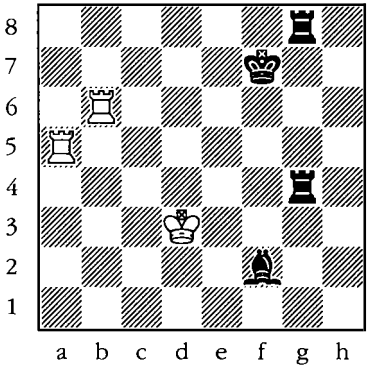

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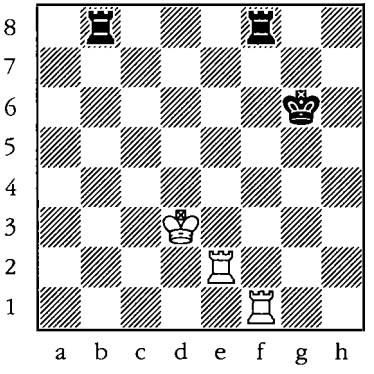

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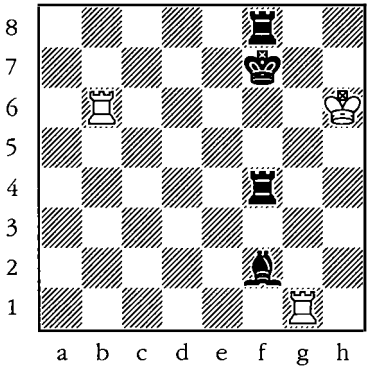

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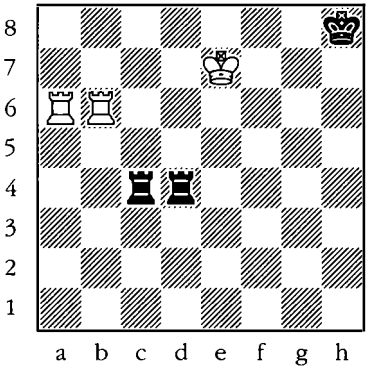

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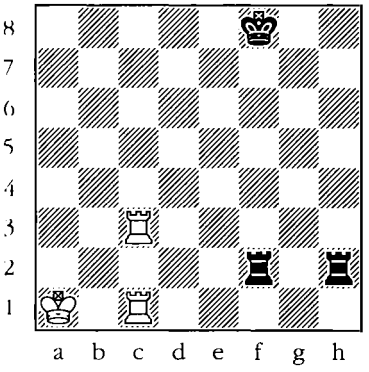
King + two rooks

Black to move.



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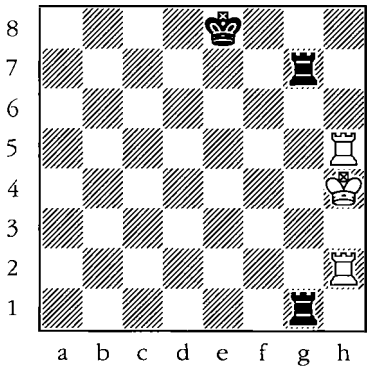

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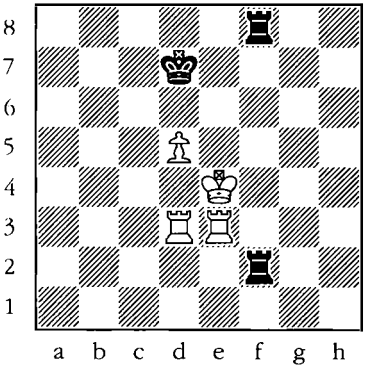

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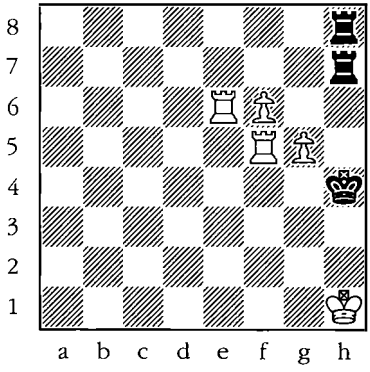

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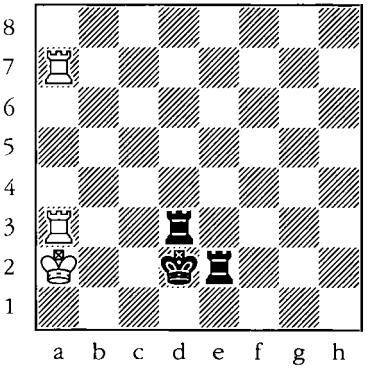

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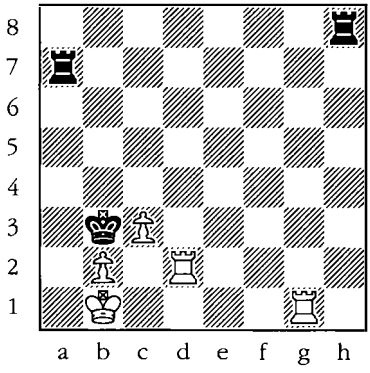
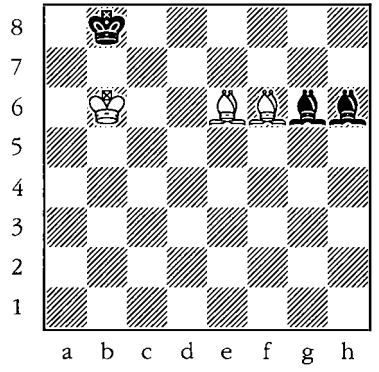


66

King + two bishops

White to move.



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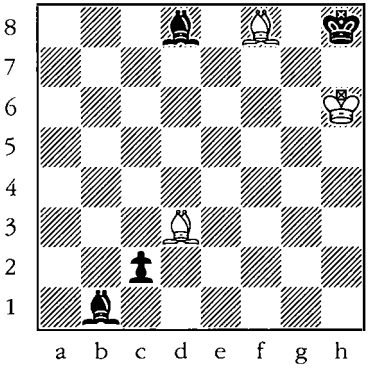

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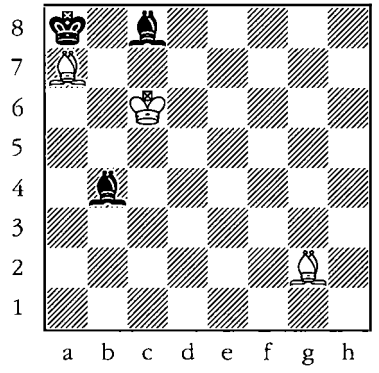

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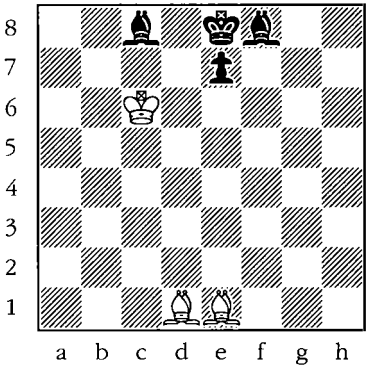

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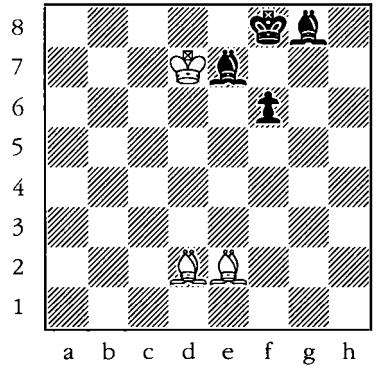

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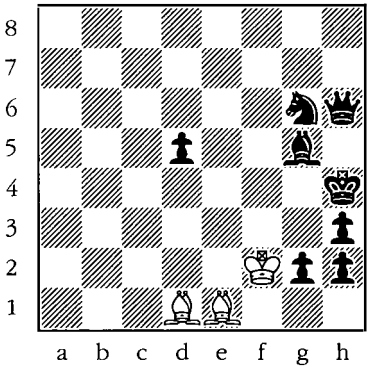
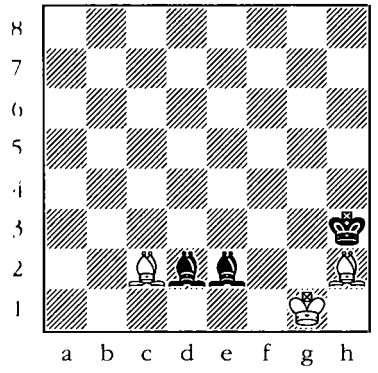


72

King + two bishops

Black to move.



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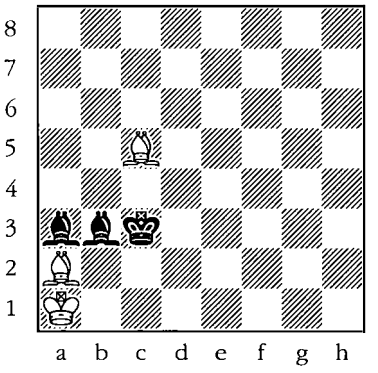

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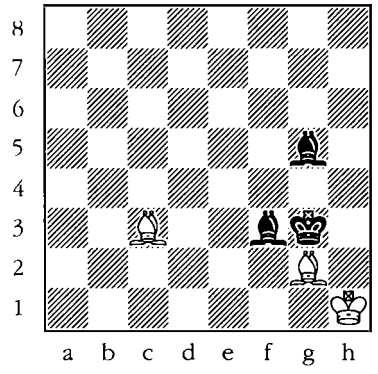

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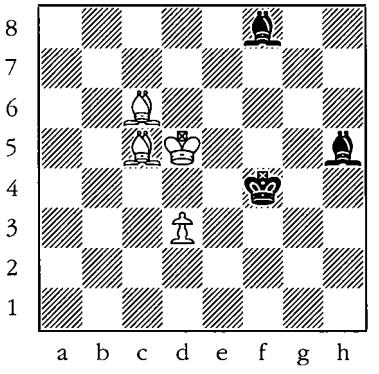

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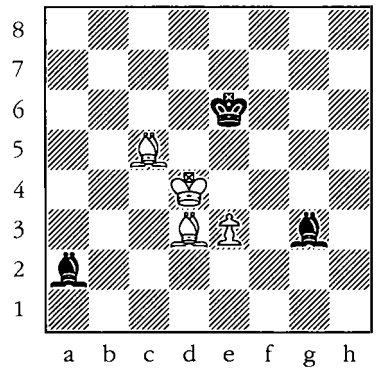

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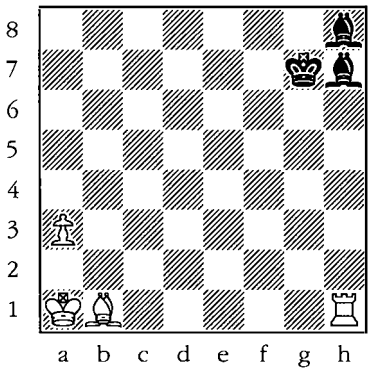
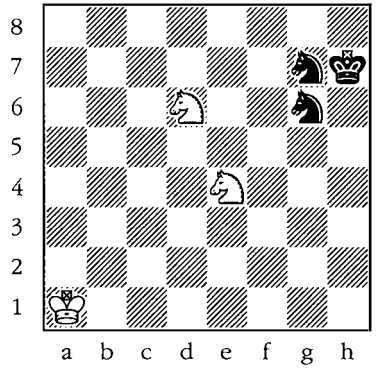


78

King + two knights

White to move.



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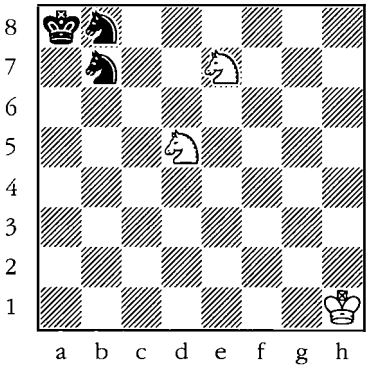

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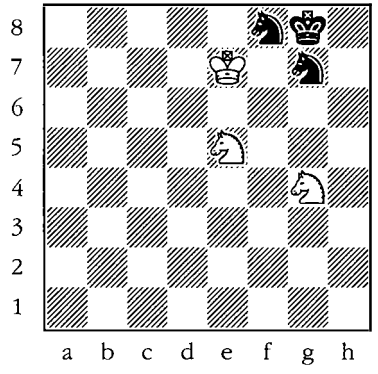

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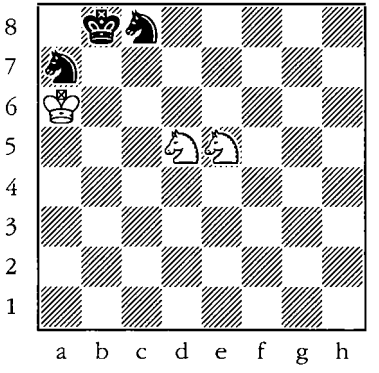

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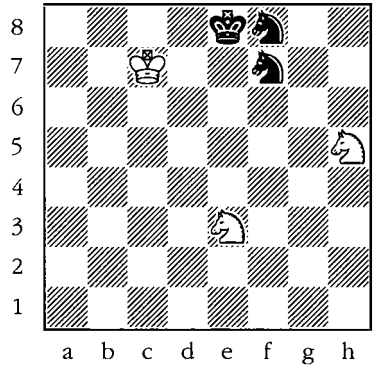

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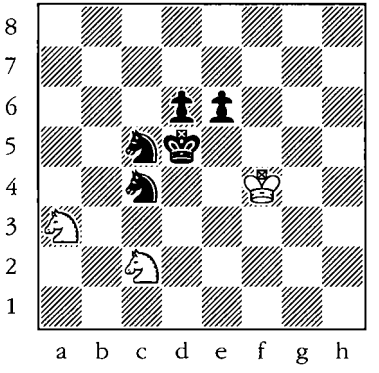
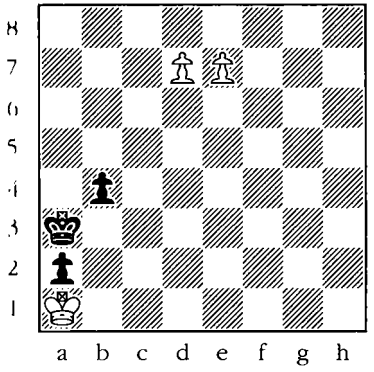


84

King + two pawns

Black to move.



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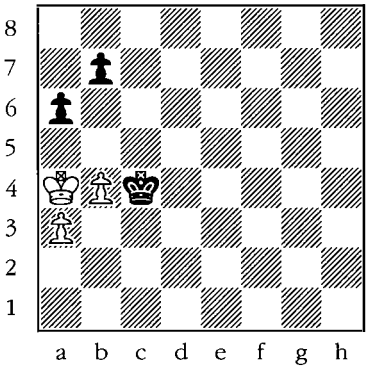

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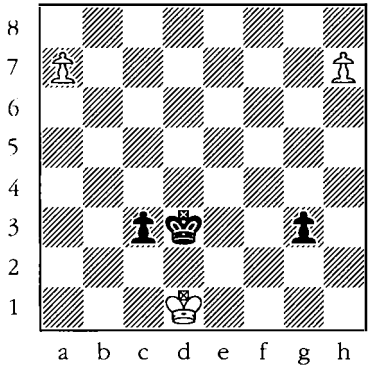

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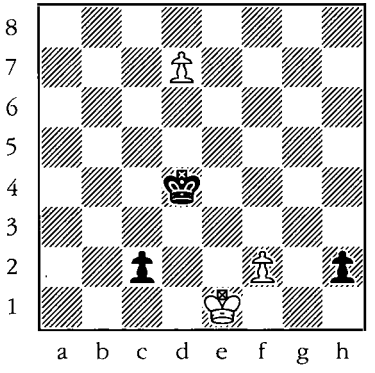

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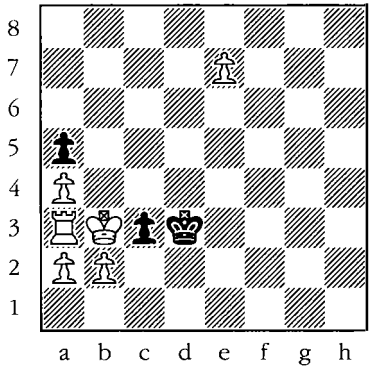

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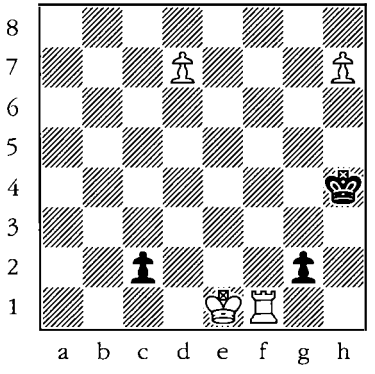
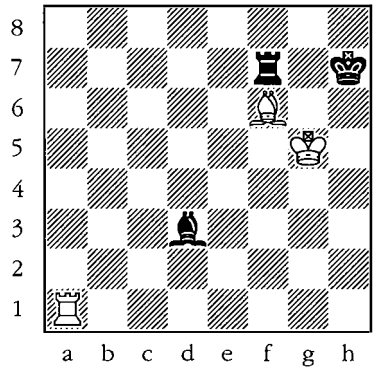


90

King + two different pieces

King + rook + bishop

White to move.



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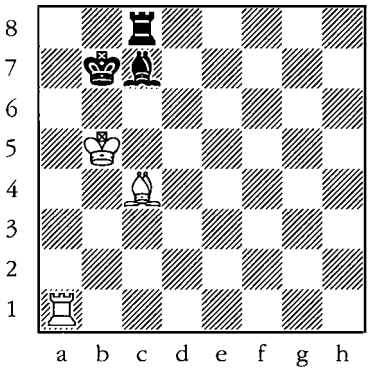

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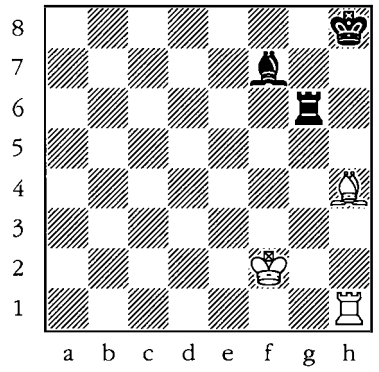

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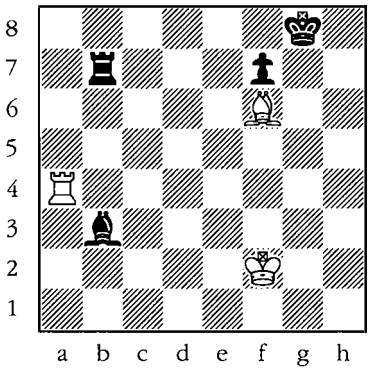

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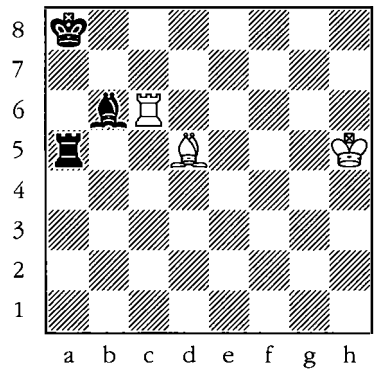

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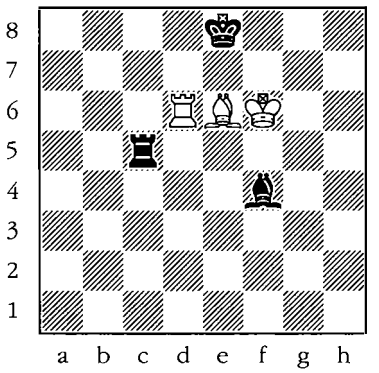
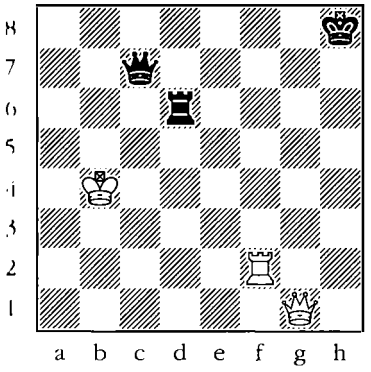


96

King + rook + queen

Black to move.



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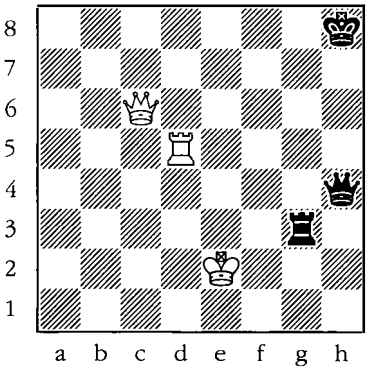

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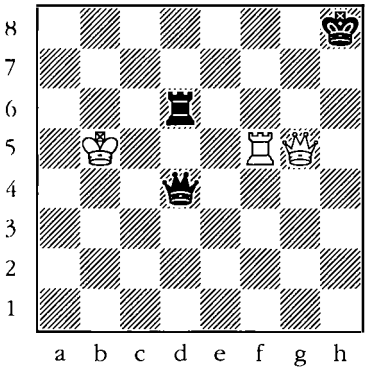

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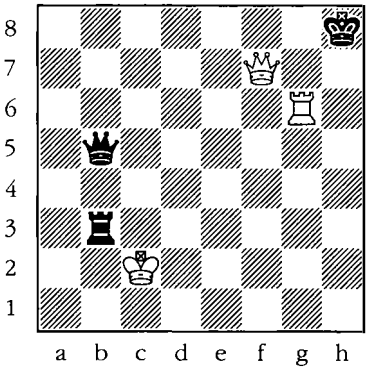

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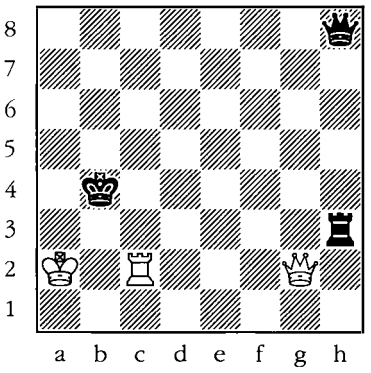

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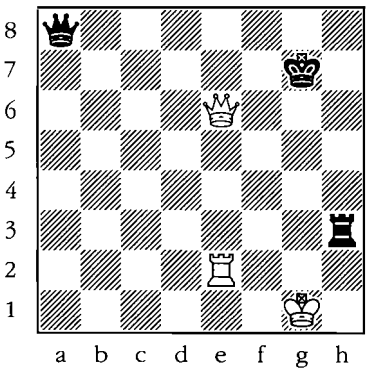
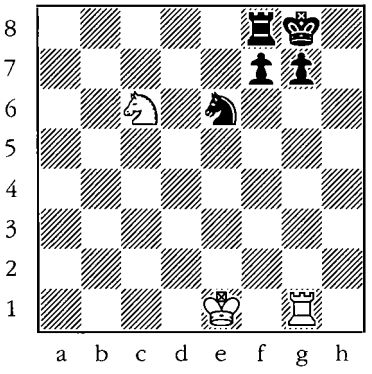


102

King + rook + knight

White to move.



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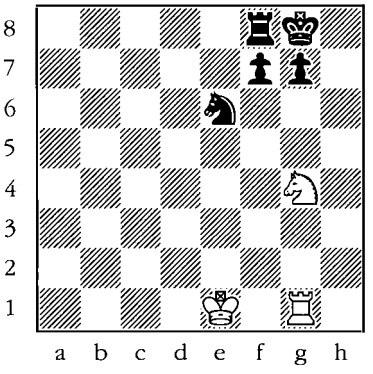

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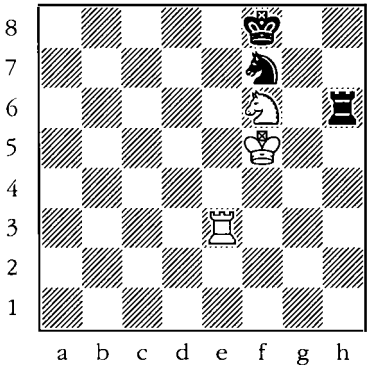

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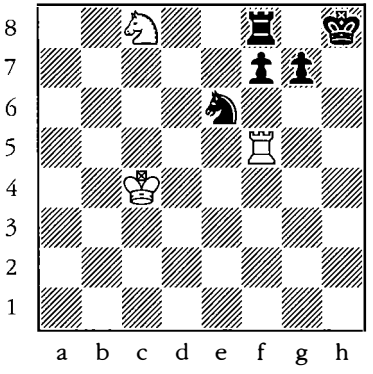

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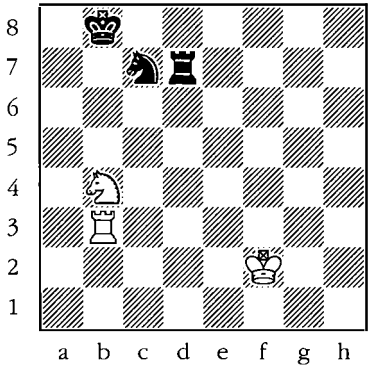

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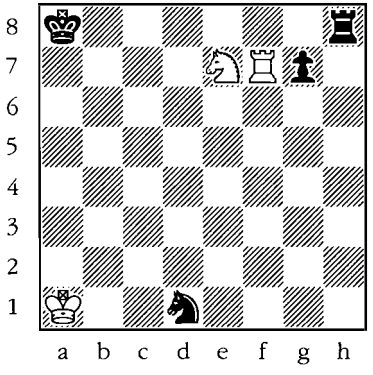
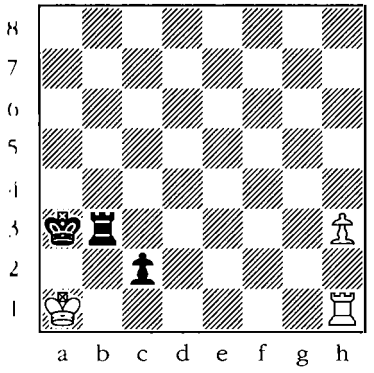


108

King + rook + pawn

Black to move.



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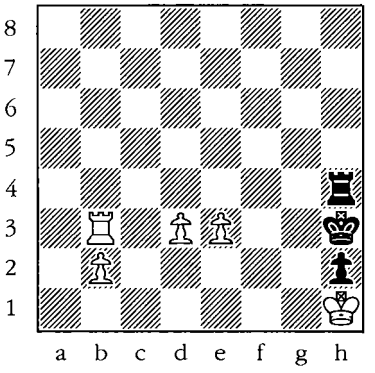

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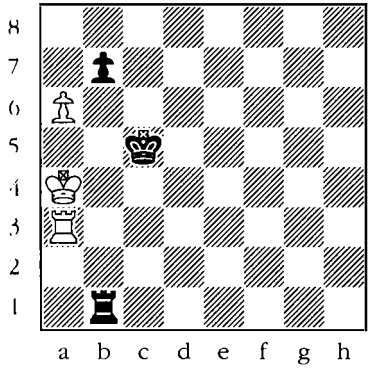

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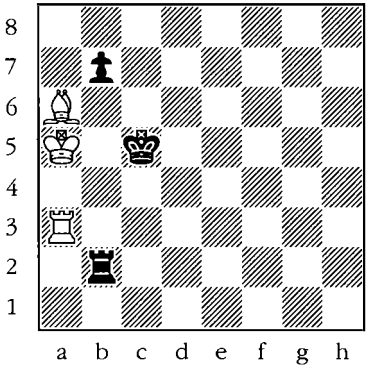

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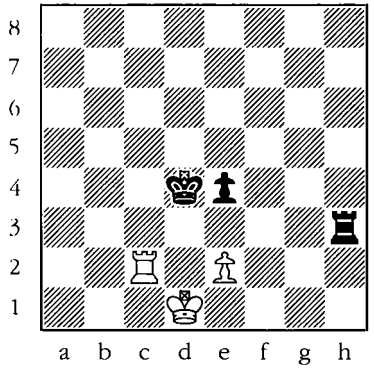

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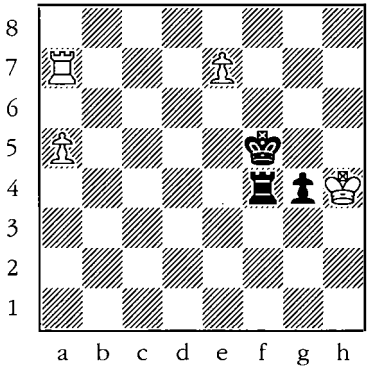
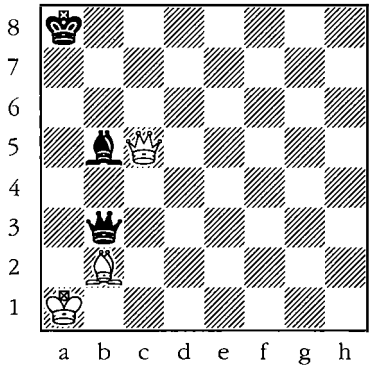


114

King + bishop + queen

White to move.



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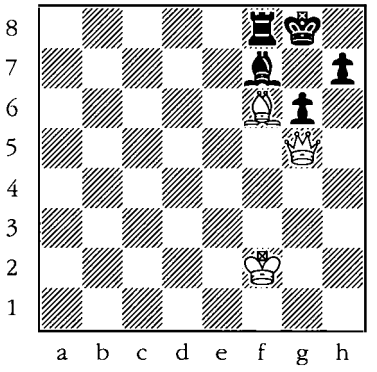

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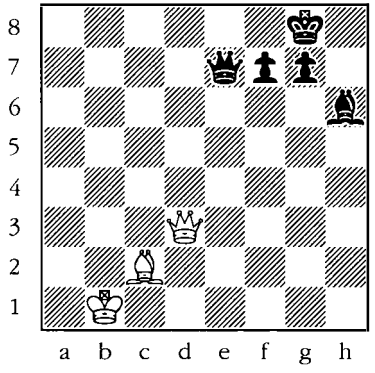

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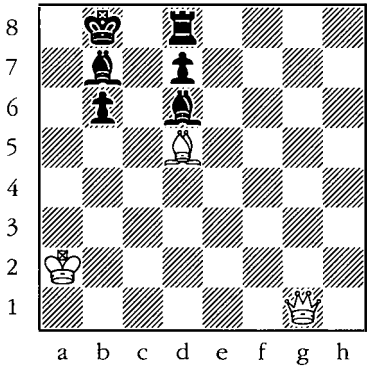

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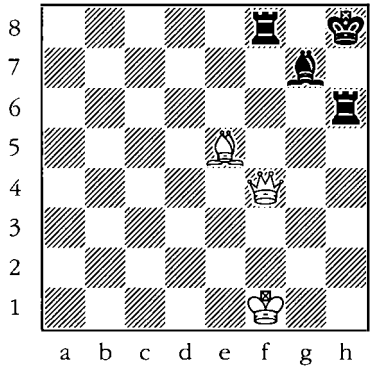

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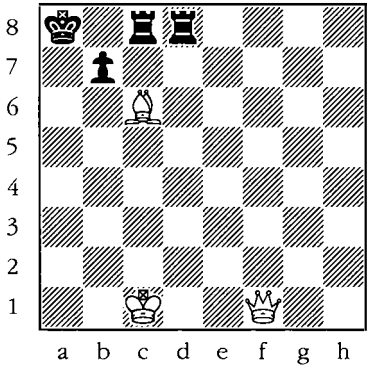
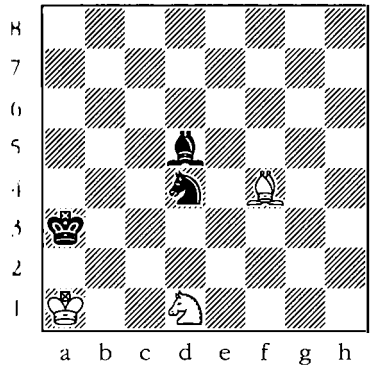


120

King + bishop + knight

Black to move.



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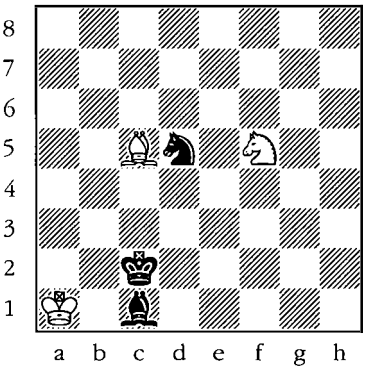

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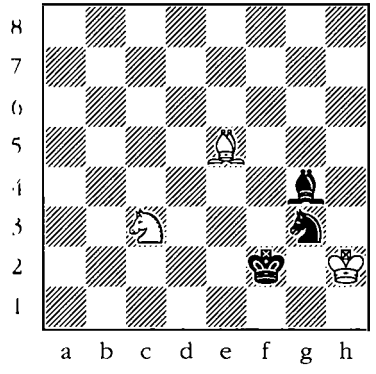

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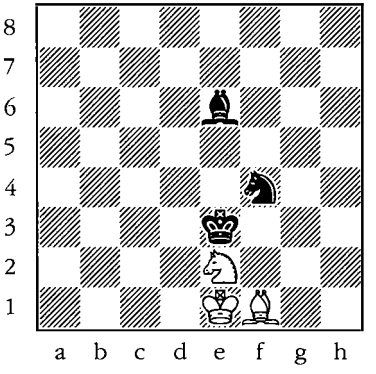

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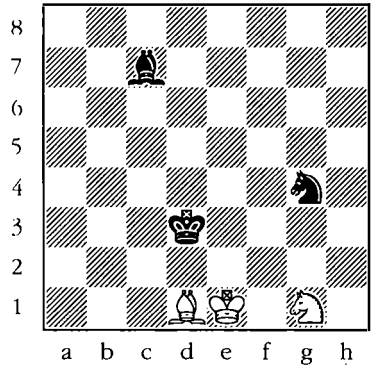

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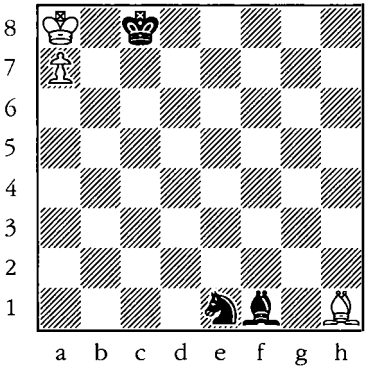
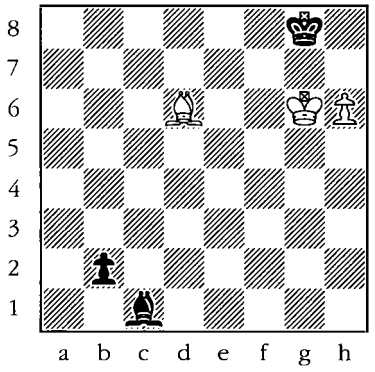


126

King + bishop + pawn

White to move.



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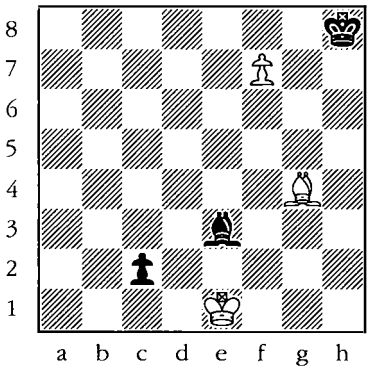

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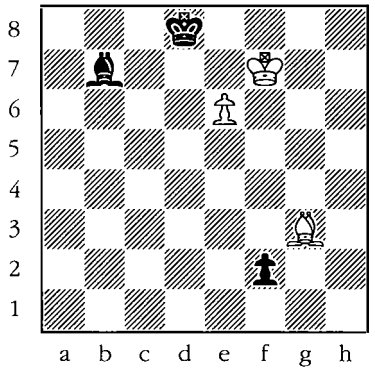

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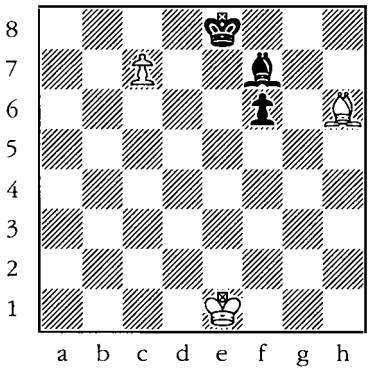

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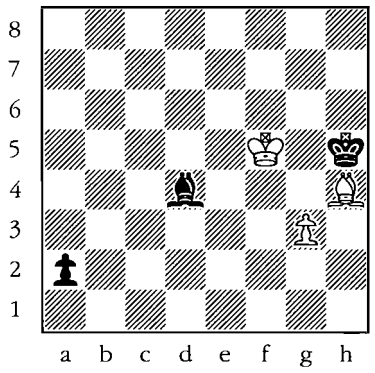

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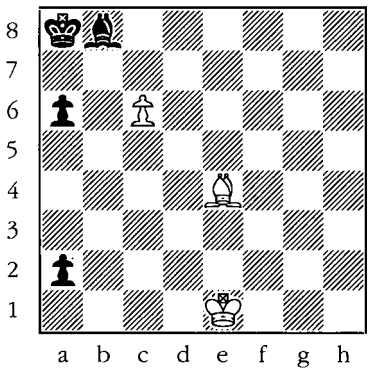
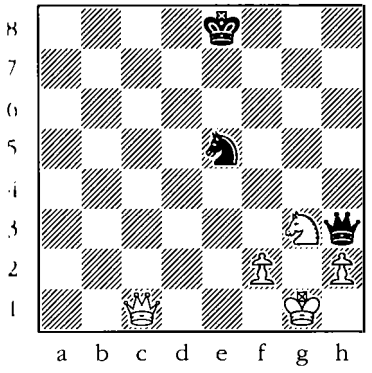


132

King + queen + knight

Black to move.



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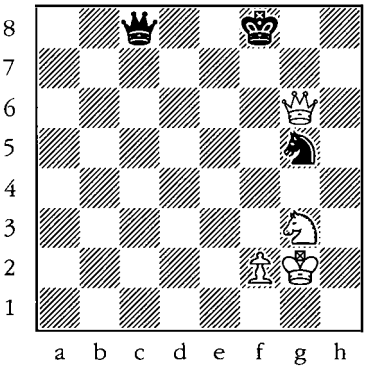

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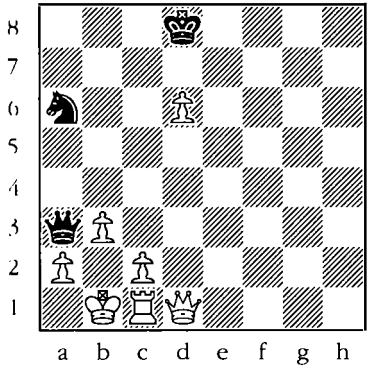

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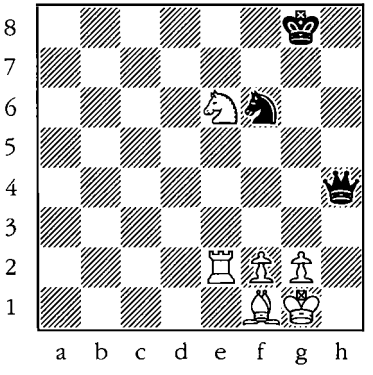

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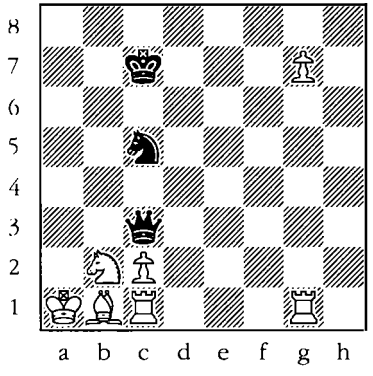

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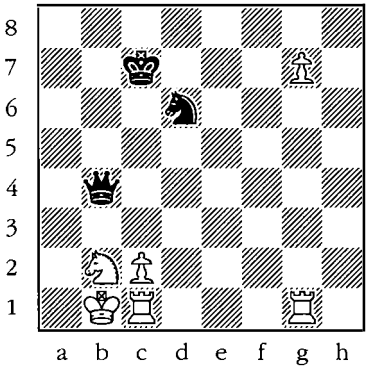
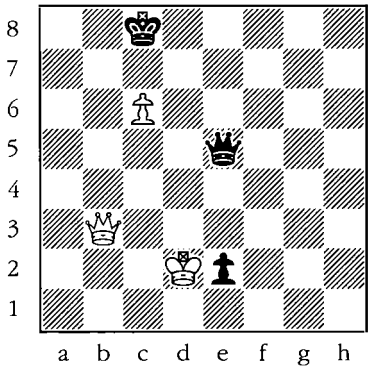


138

King + queen + pawn

White to move.



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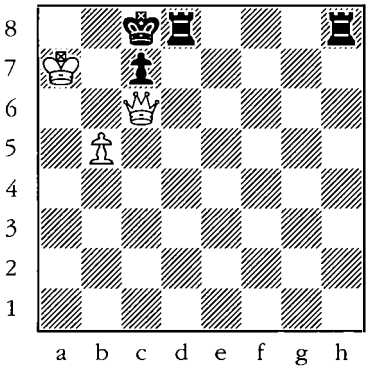

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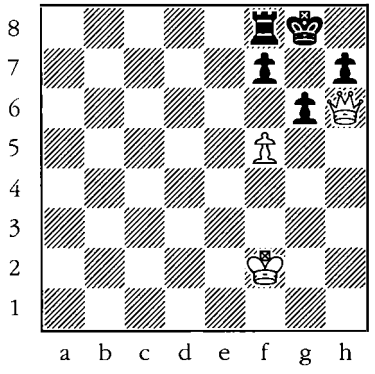

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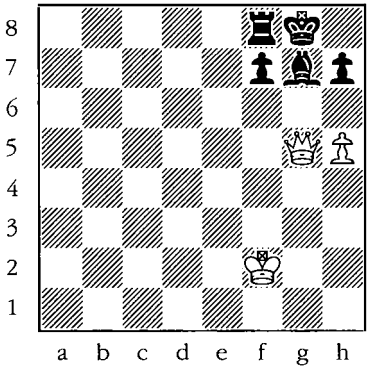

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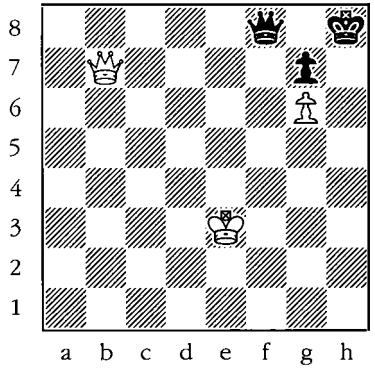

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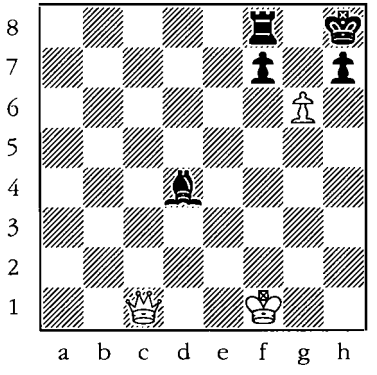
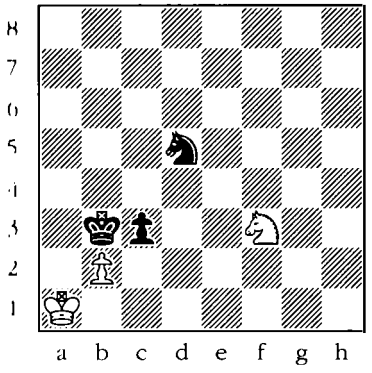


144

King + knight + pawn

Black to move.



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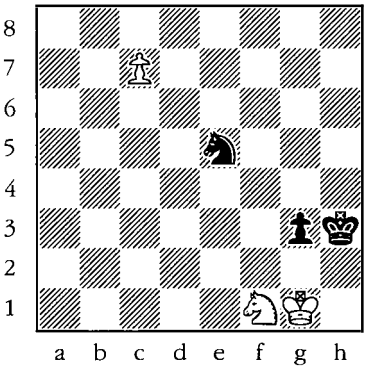

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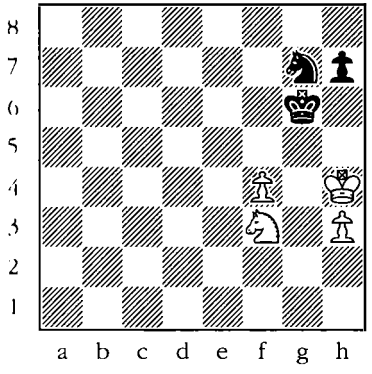

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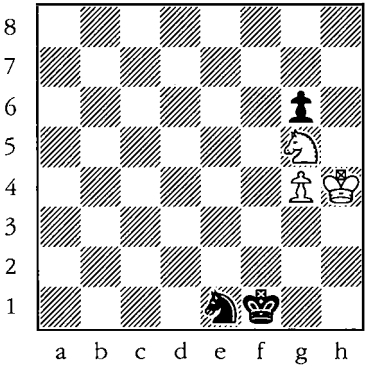

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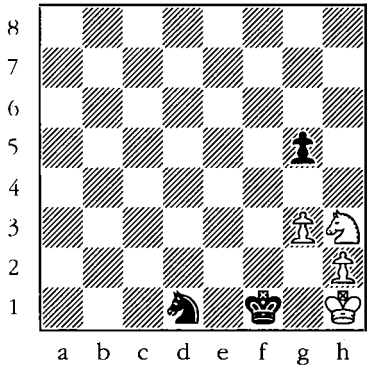

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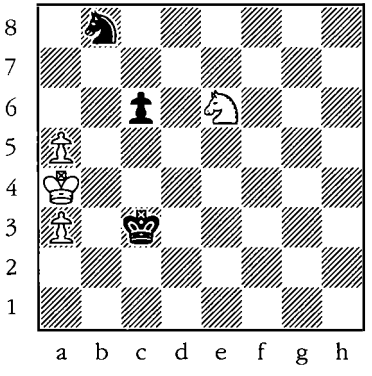
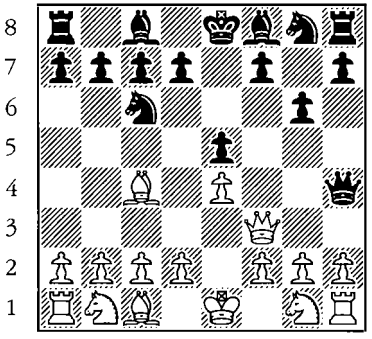


150

Victory in the Opening

Open Games

White to move.



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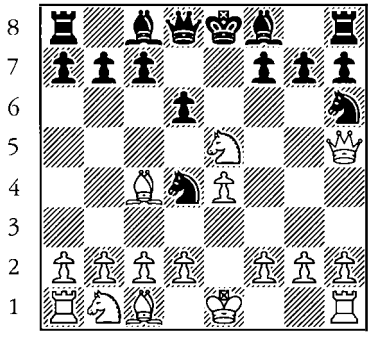

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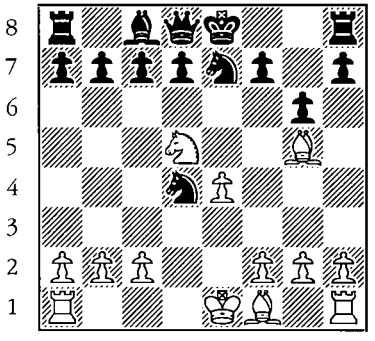

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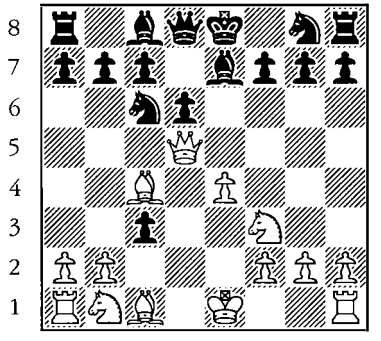

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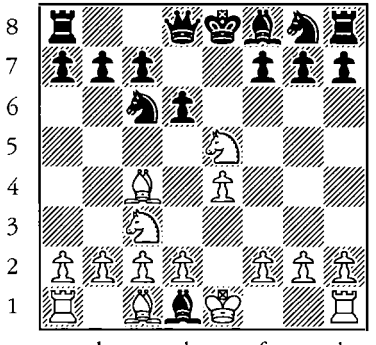

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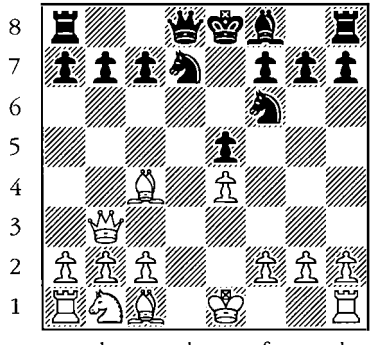
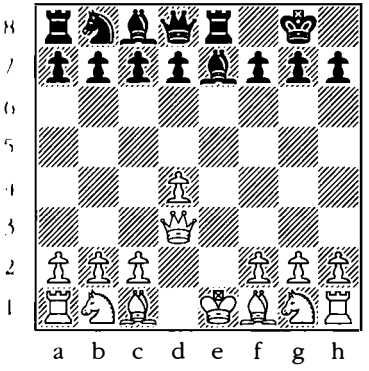


156

Open Games

Black to move.



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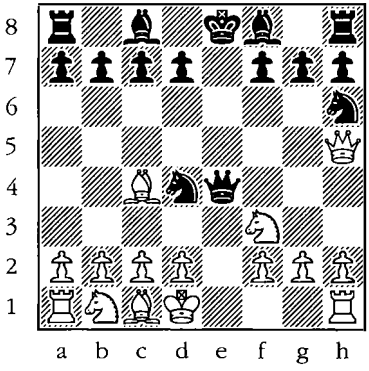

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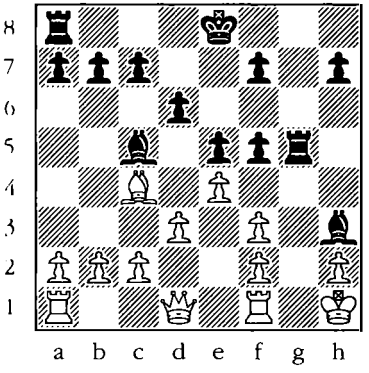

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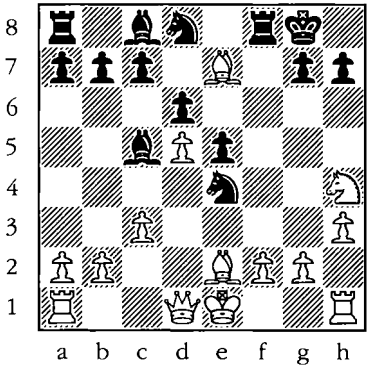

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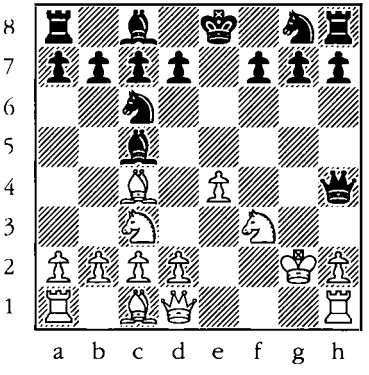

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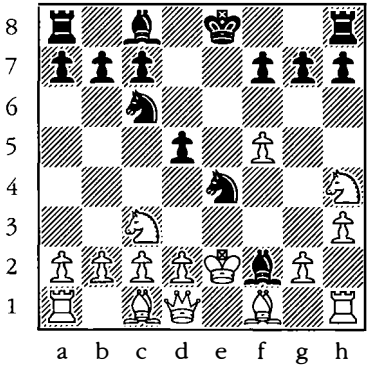
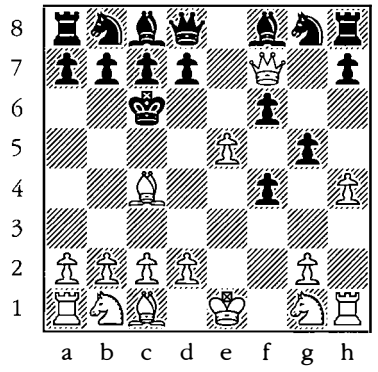


162

White to move.



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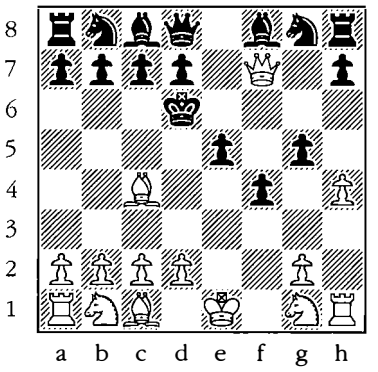

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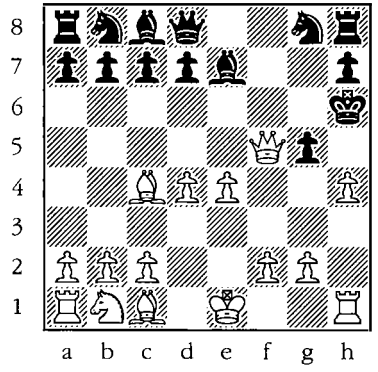

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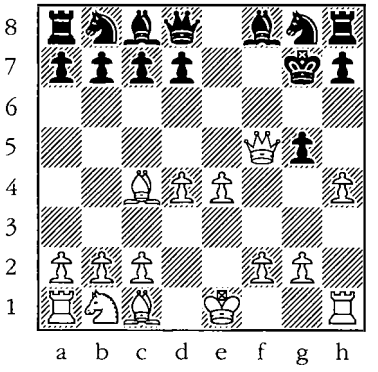

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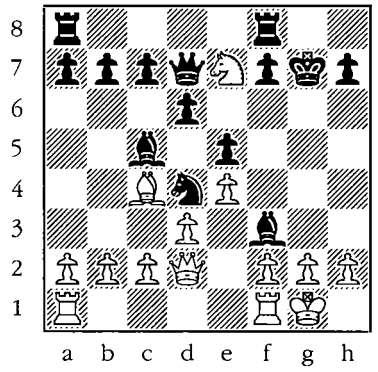

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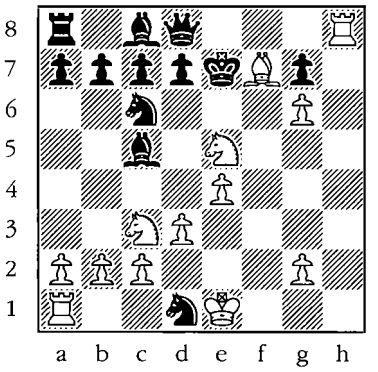
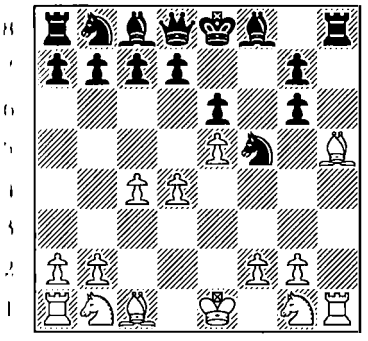


168

Semi-Open Games

White to move.



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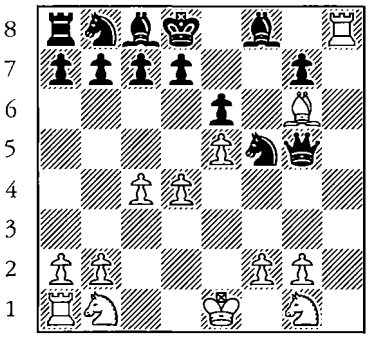

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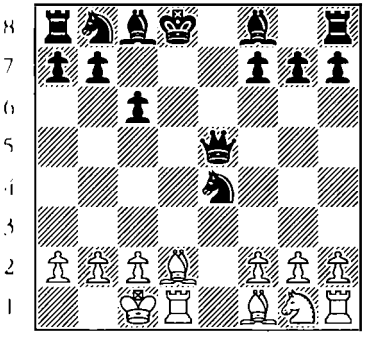

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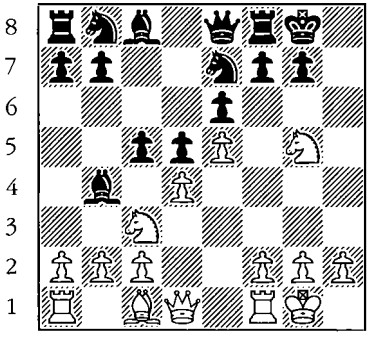

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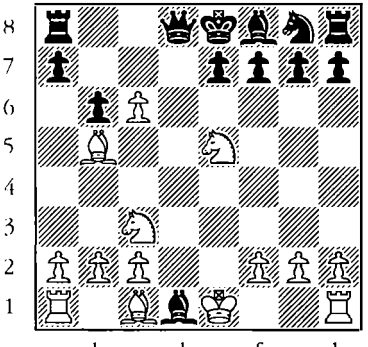

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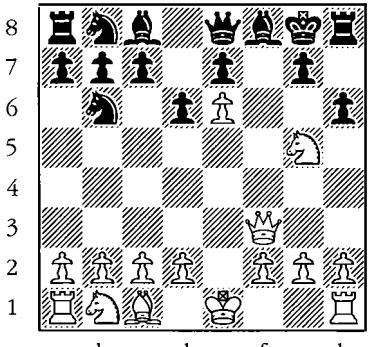
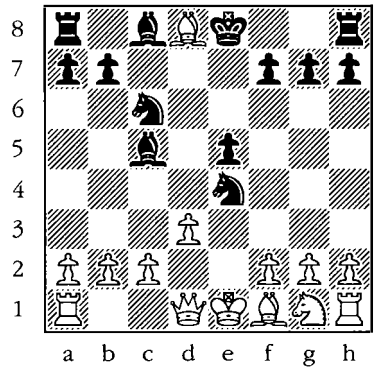


174

Semi-Open Games

Black to move.



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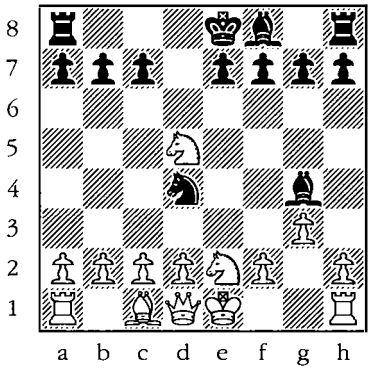

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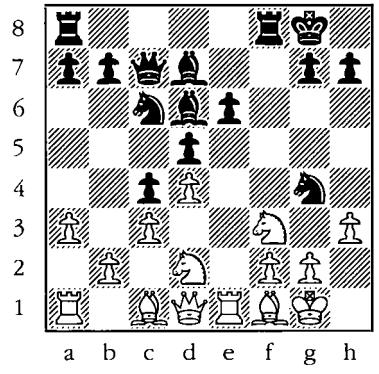

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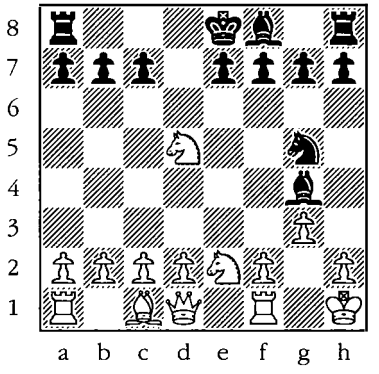

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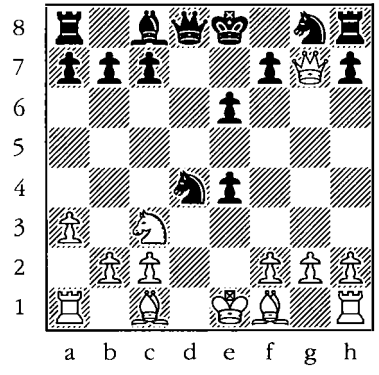

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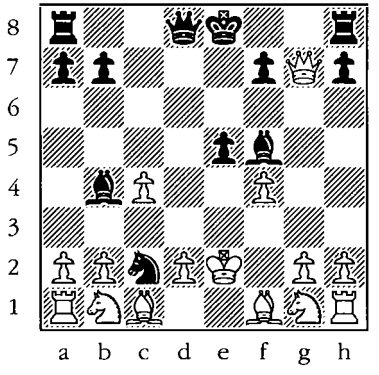
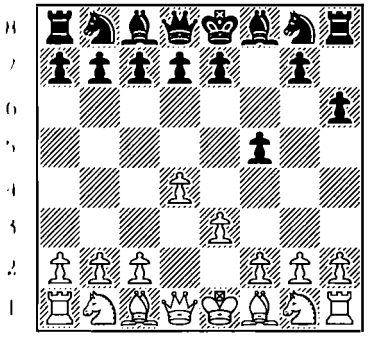


180

Closed Games

White to move.



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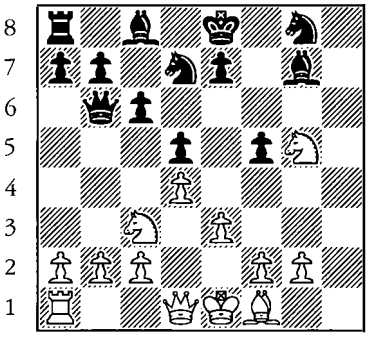

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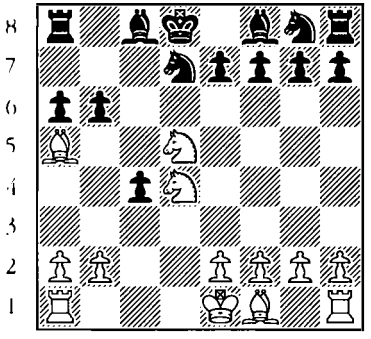

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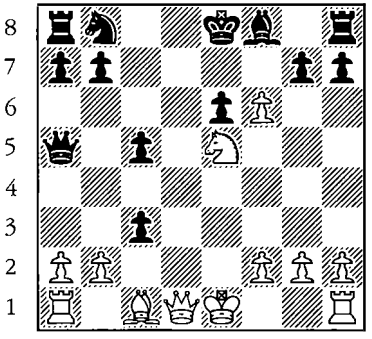

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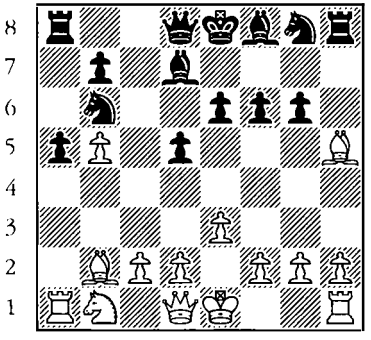

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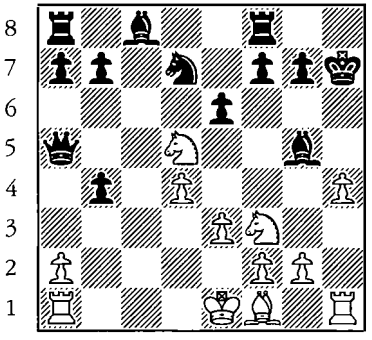


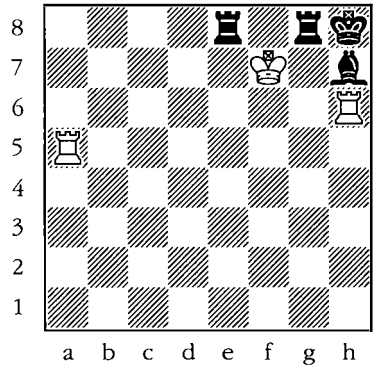
186

Checkmate in Two with a Sacrifice

King + two pieces vs. various pieces

King + two rooks

White to move.



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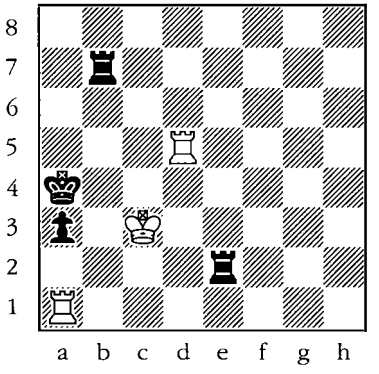

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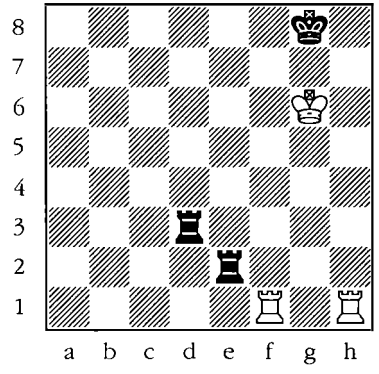

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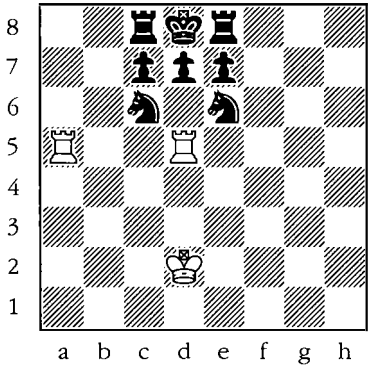

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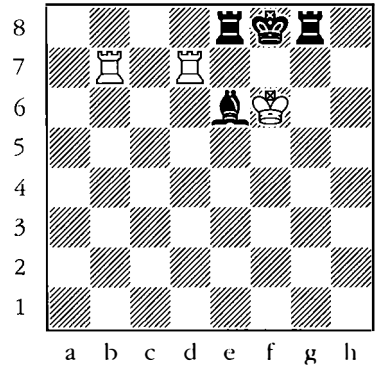

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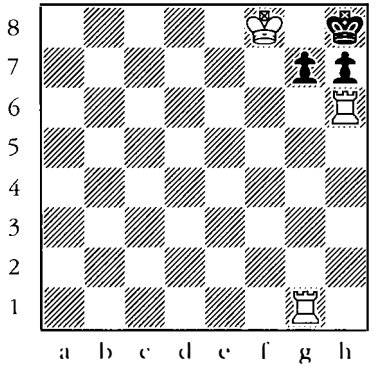
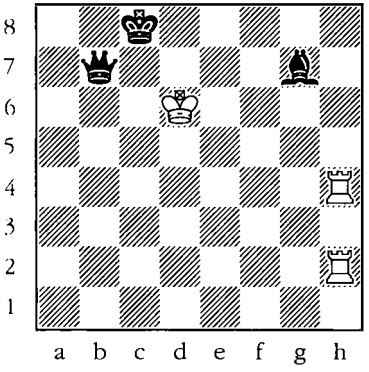


192

King + two rooks

White to move.



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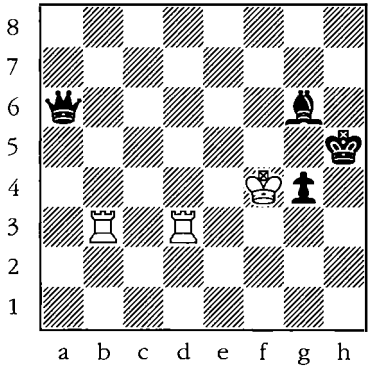

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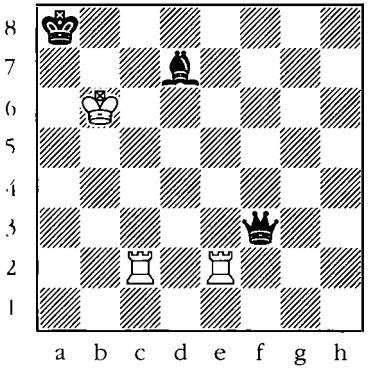

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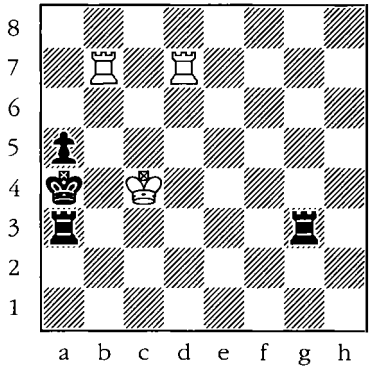

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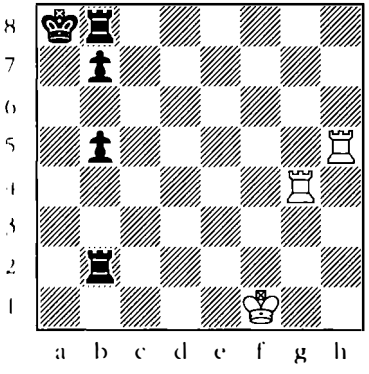

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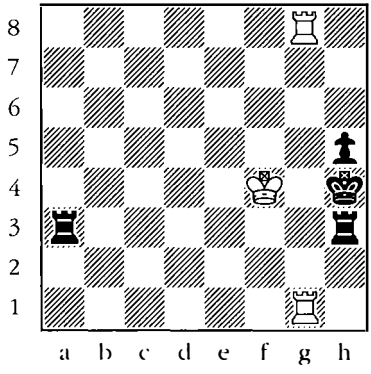
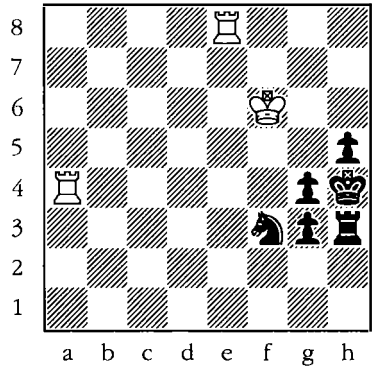


198

King + two rooks

White to move.



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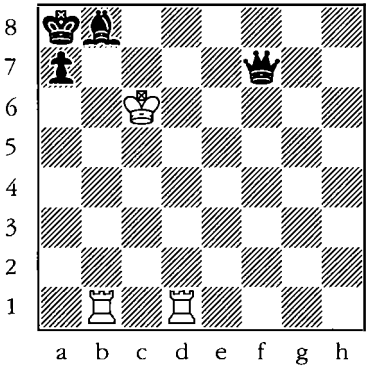

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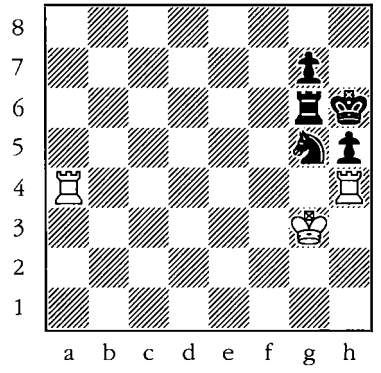

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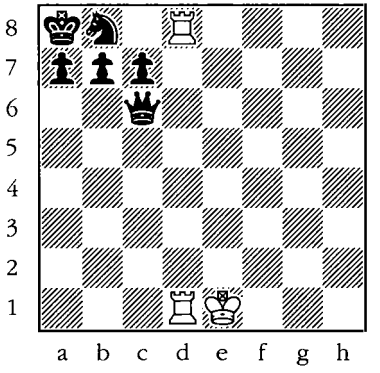

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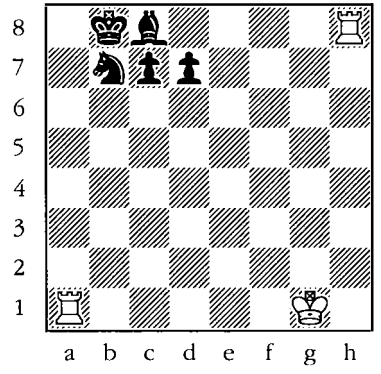

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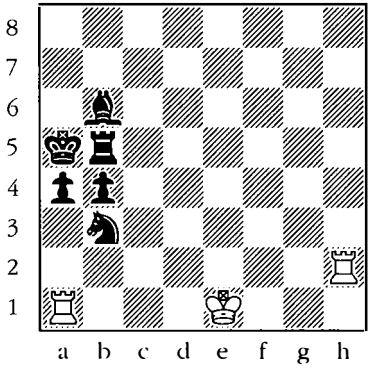
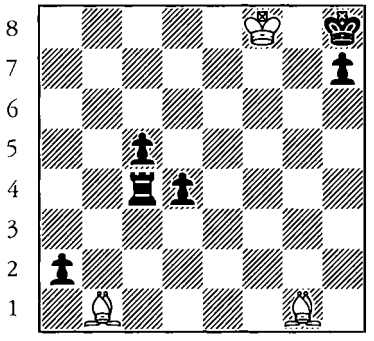


204

King + two bishops

White to move.



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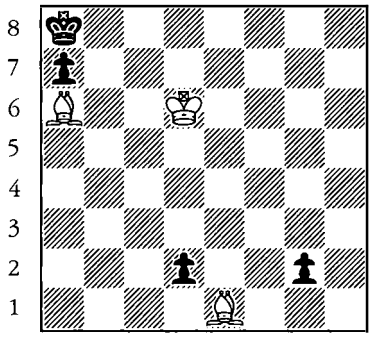

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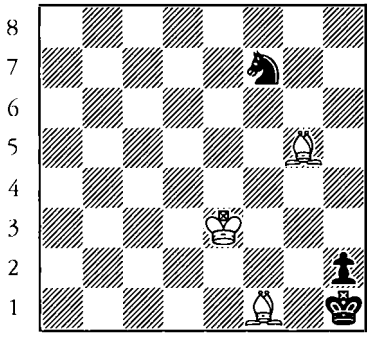

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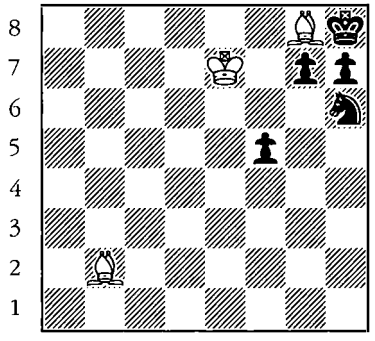

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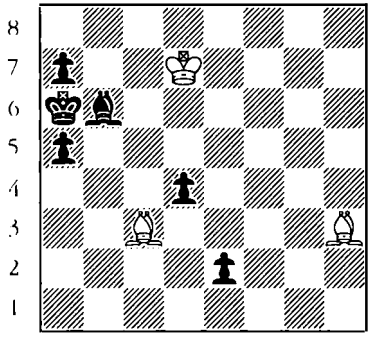

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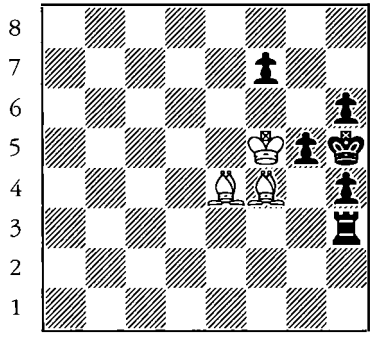
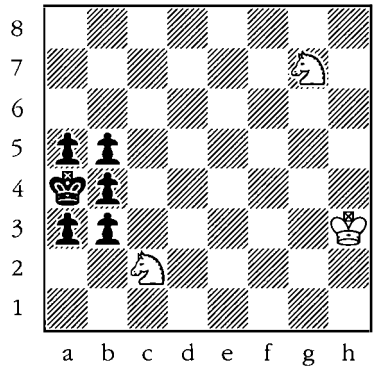


210

King + two knights

White to move.



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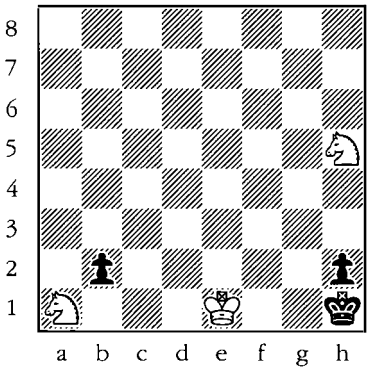

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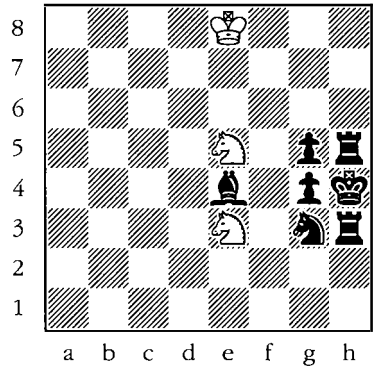

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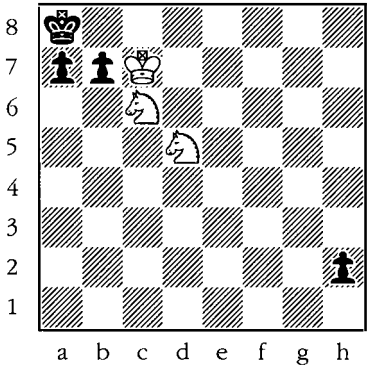

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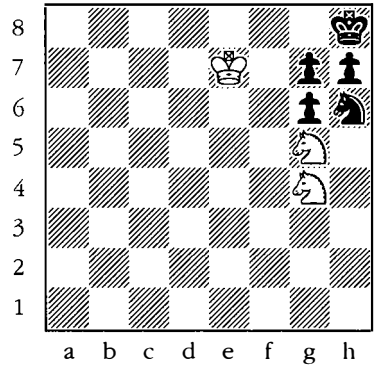

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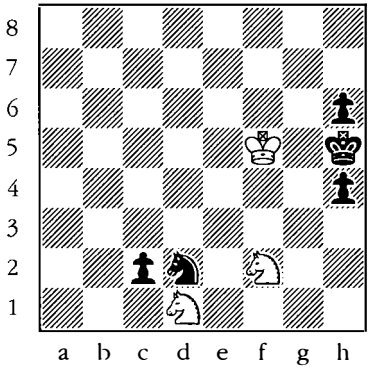
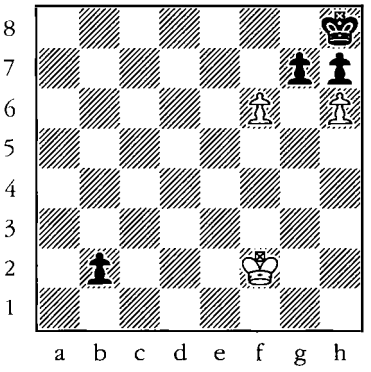


216

King + two pawns

White to move.



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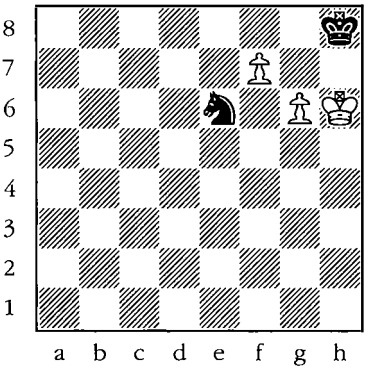

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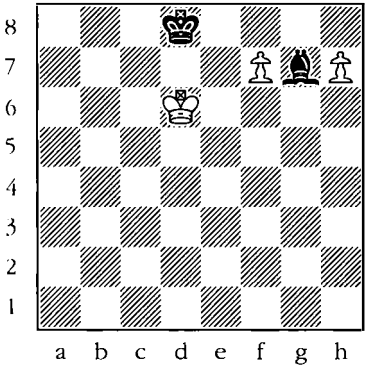

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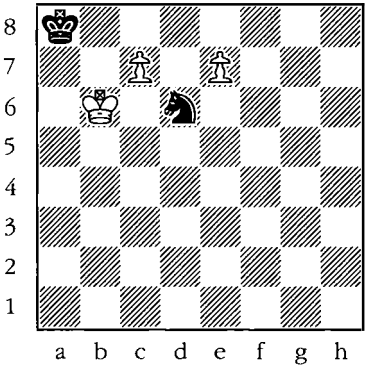

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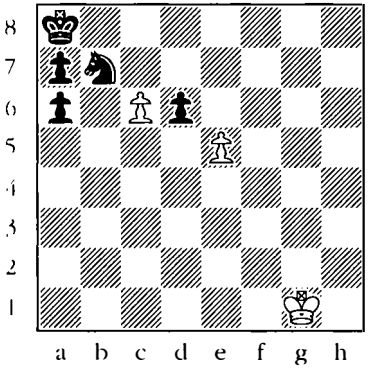

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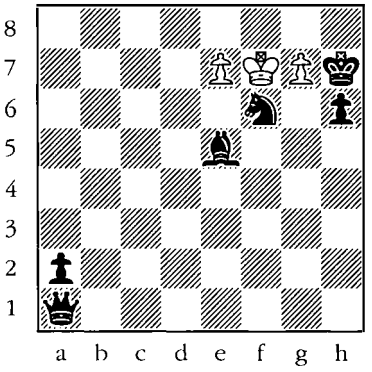
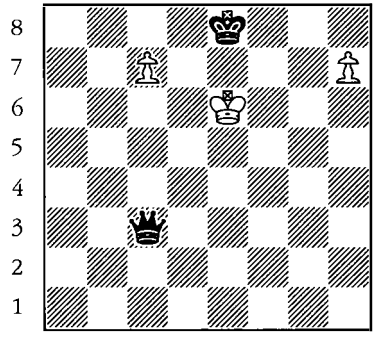


222

King + two pawns

White to move.



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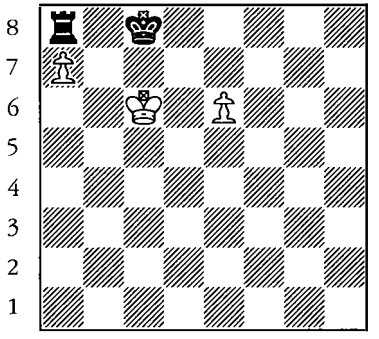

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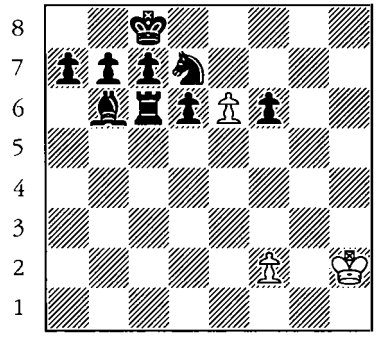

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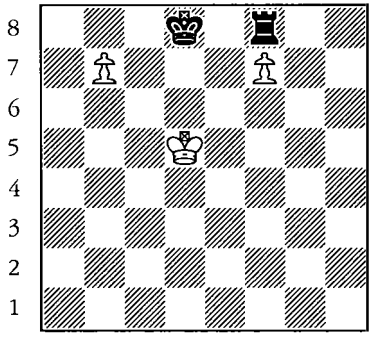

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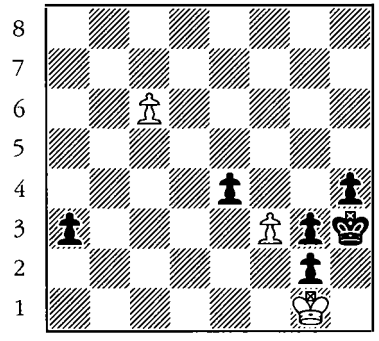

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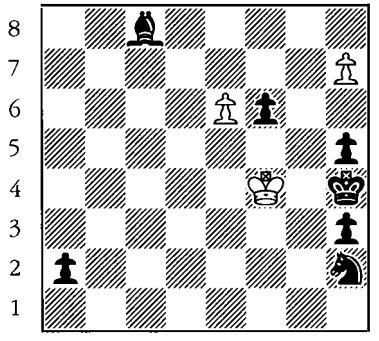
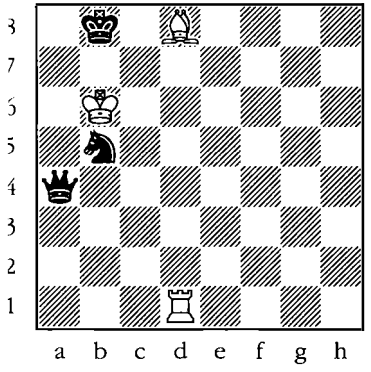


228

King + rook + bishop

White to move.



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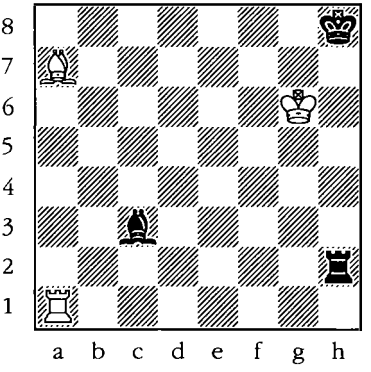

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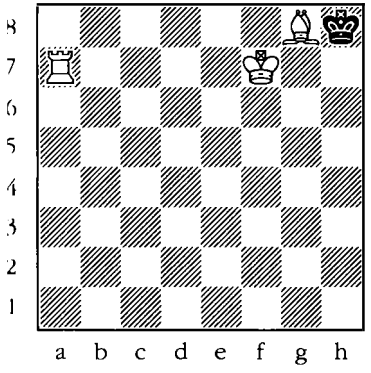

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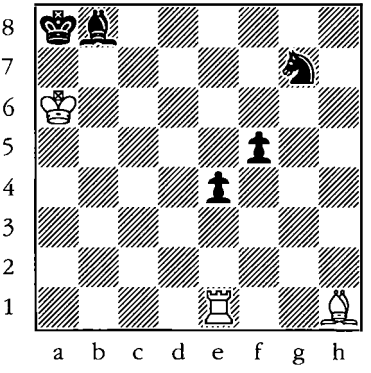

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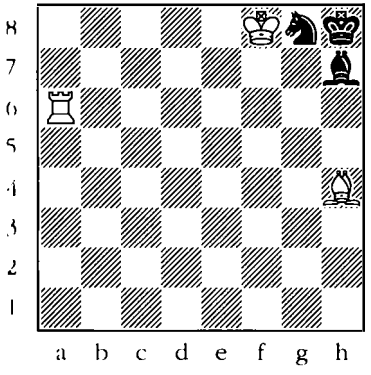

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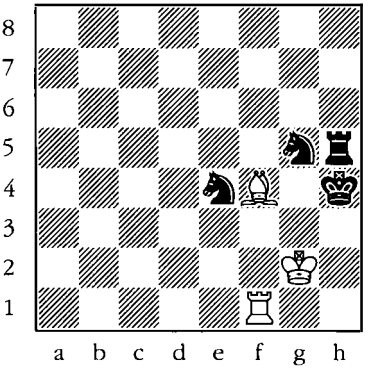
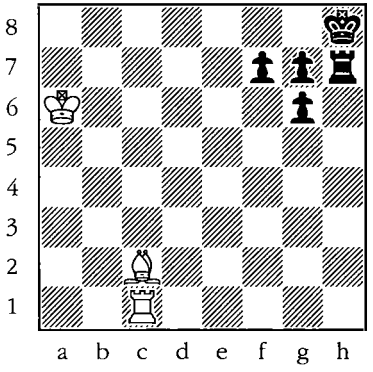


234

King + rook + bishop

White to move.



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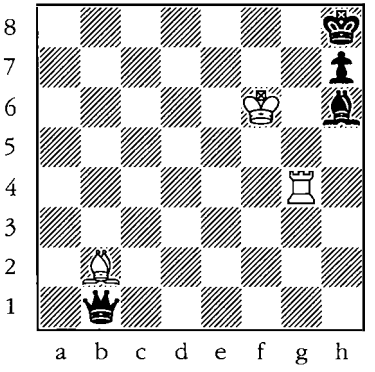

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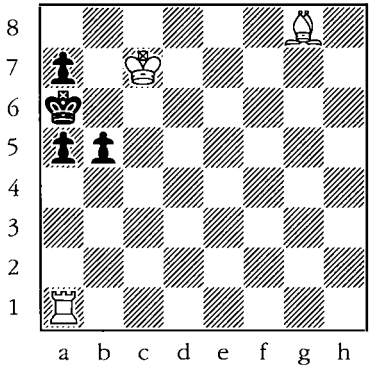

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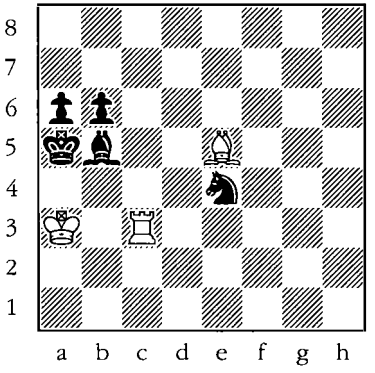

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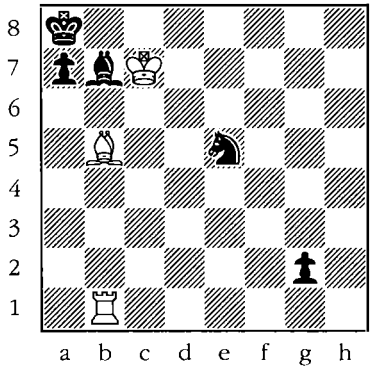

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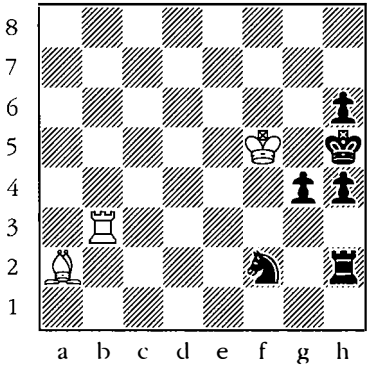
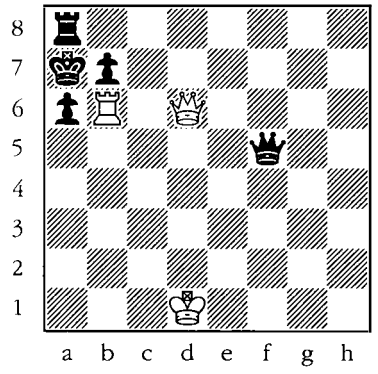


240

King + rook + queen

White to move.



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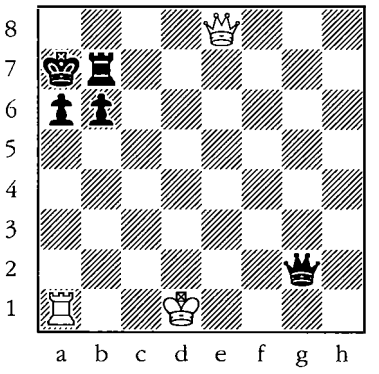

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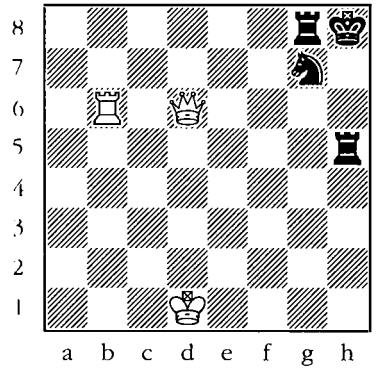

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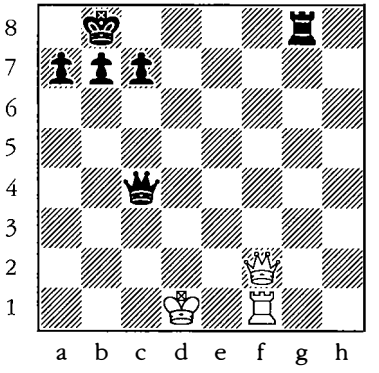

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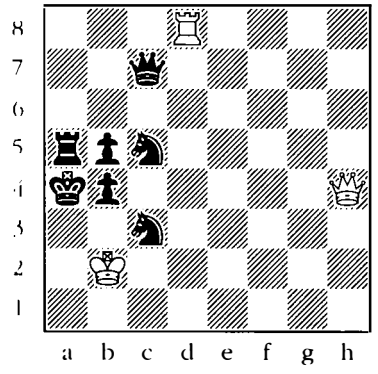

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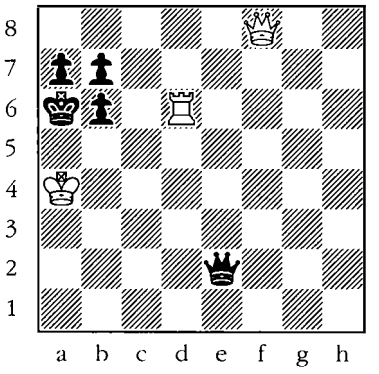
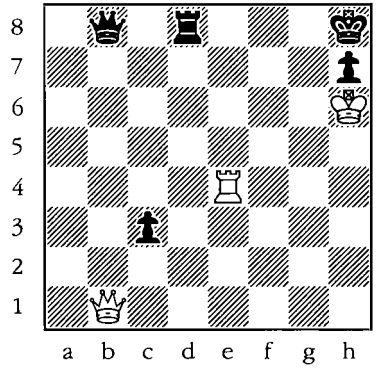


246

King + rook + queen

White to move.



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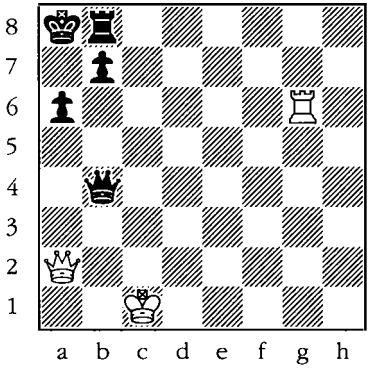

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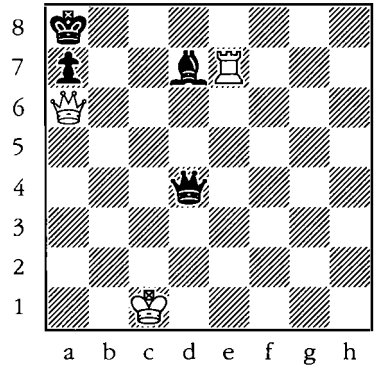

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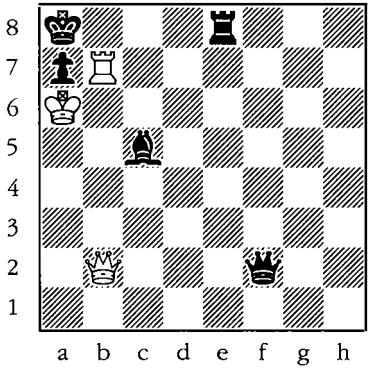

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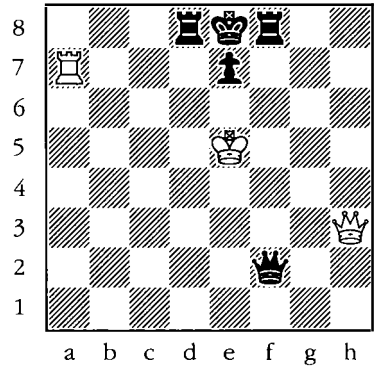

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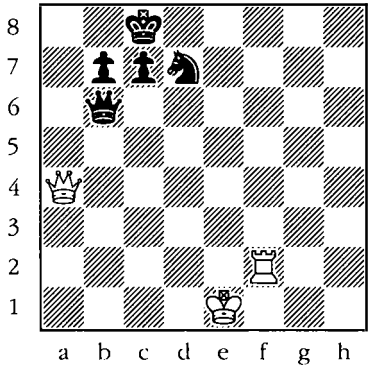
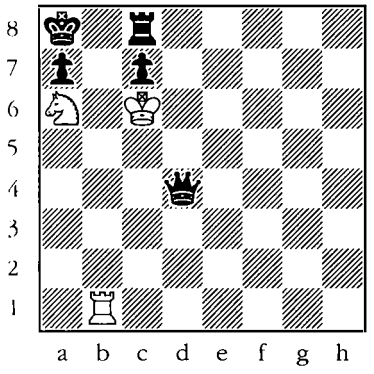


252

King + rook + knight

White to move.



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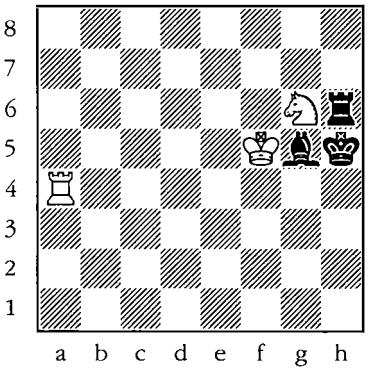

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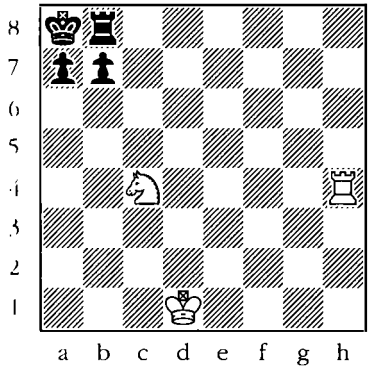

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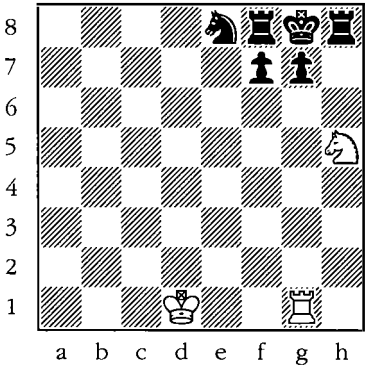

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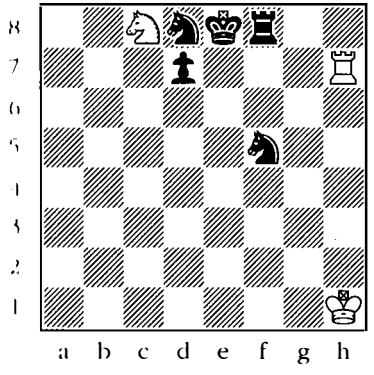

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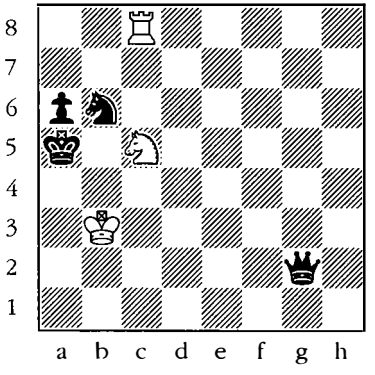
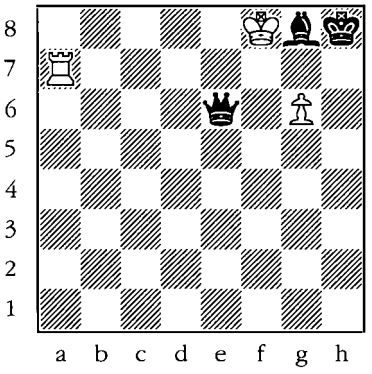


258

King + rook + pawn

White to move.



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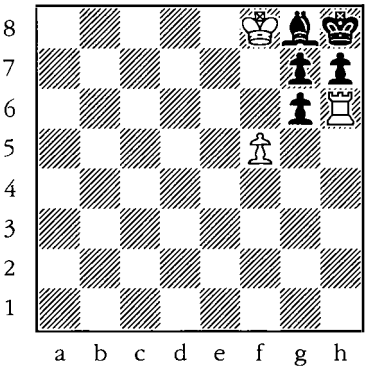

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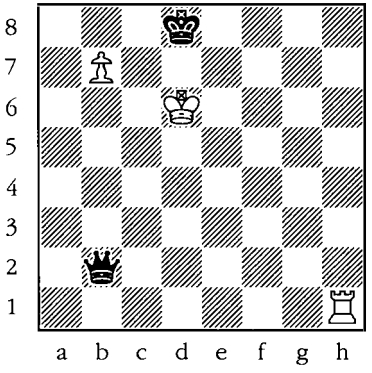

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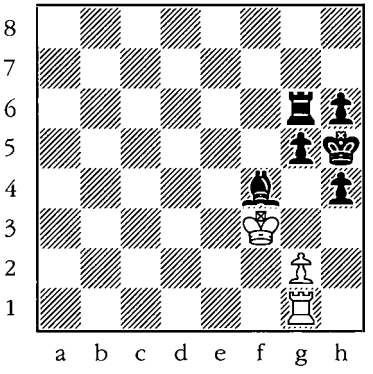

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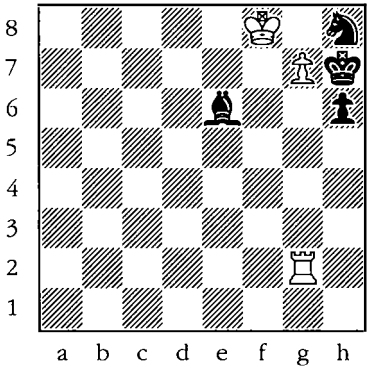

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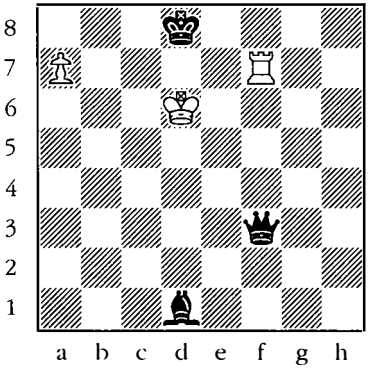
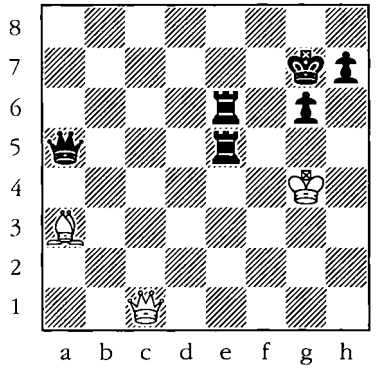


264

King + bishop + queen

White to move.



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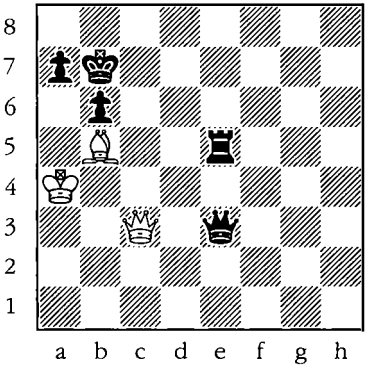

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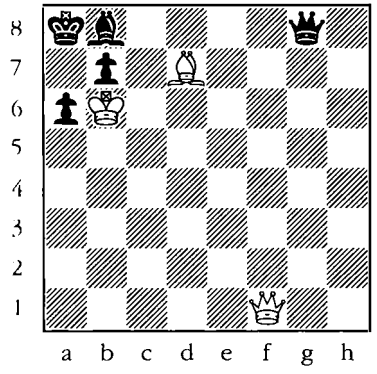

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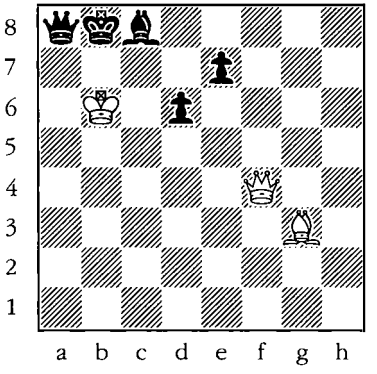

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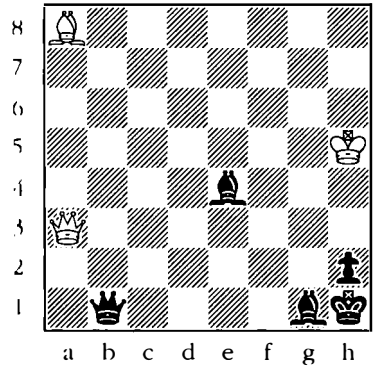

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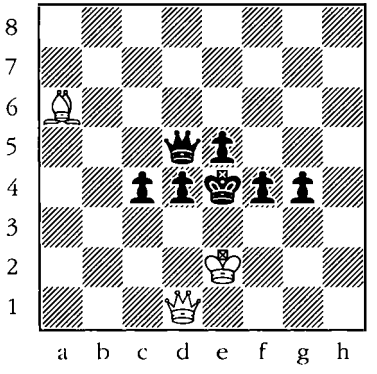
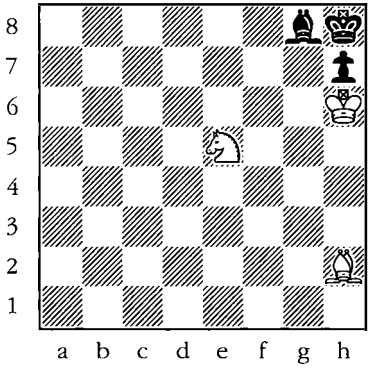


270

King + bishop + knight

White to move.



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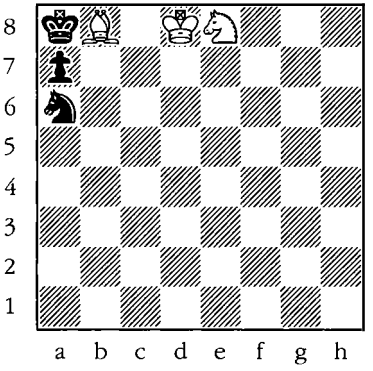

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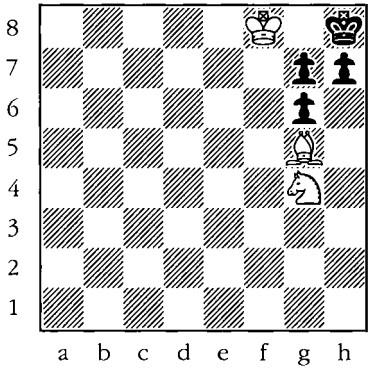

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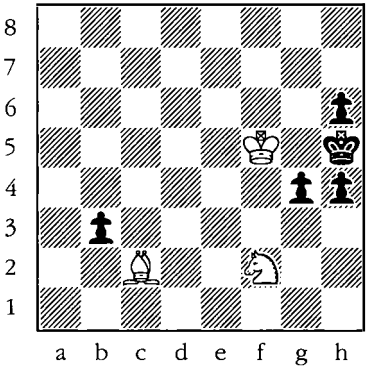

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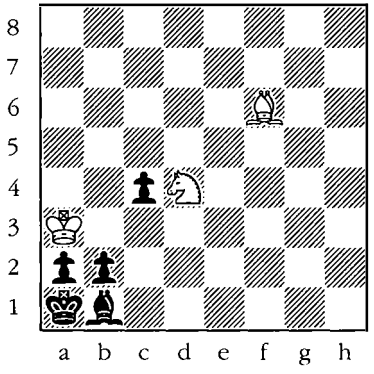

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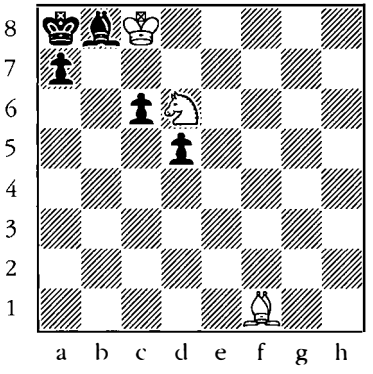
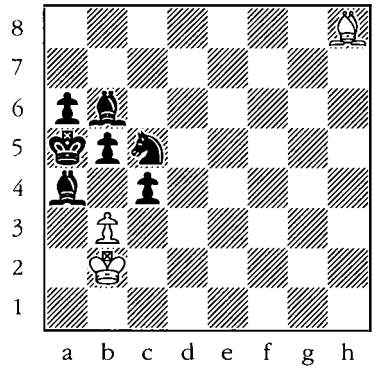


276

King + bishop + pawn

White to move.



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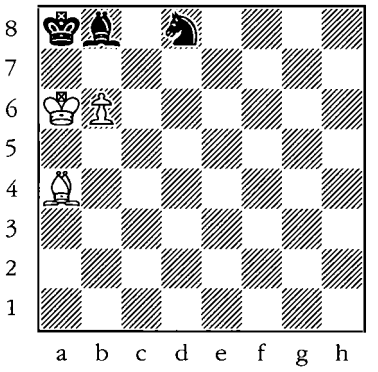

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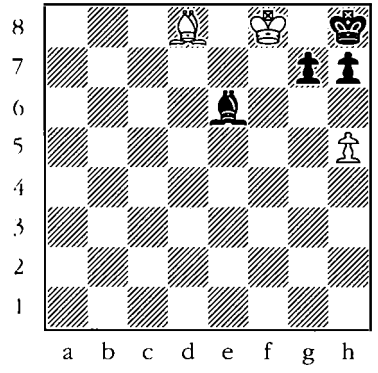

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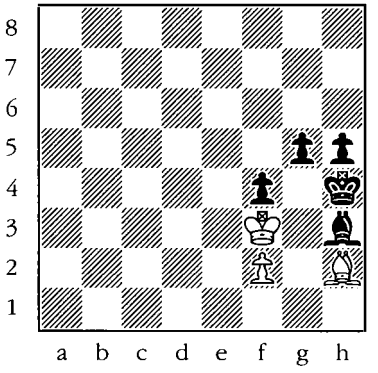

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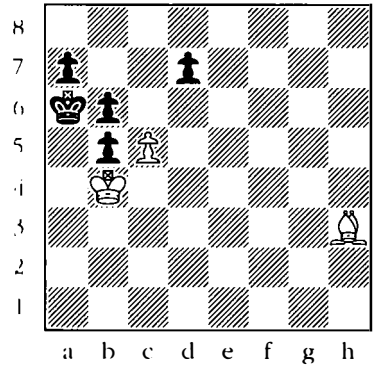

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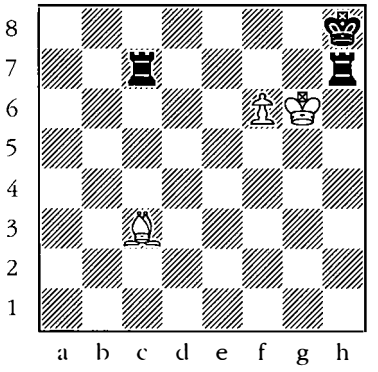
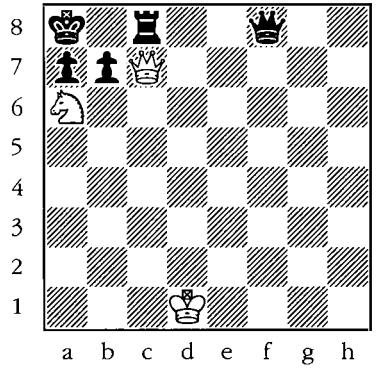


282

King + queen + knight

White to move.



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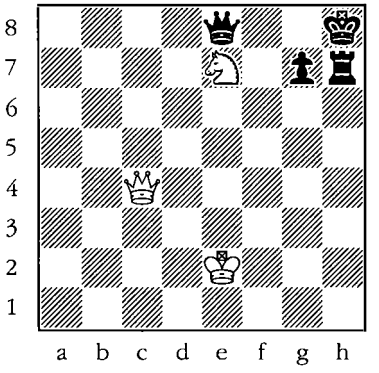

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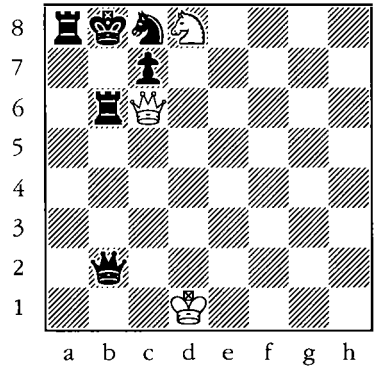

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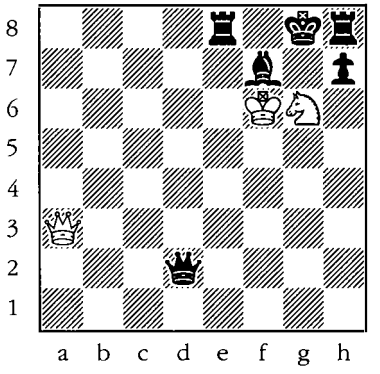

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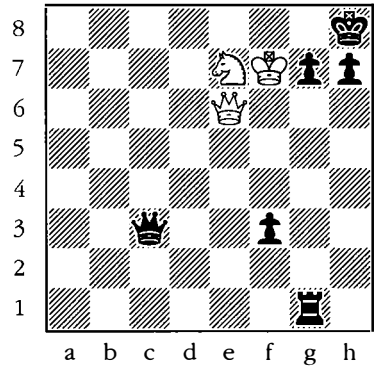

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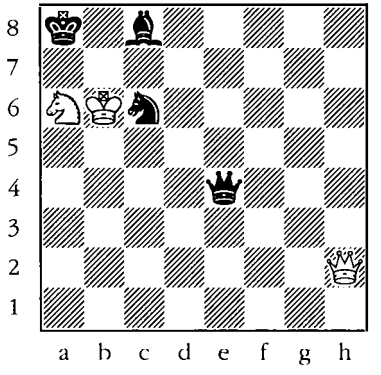
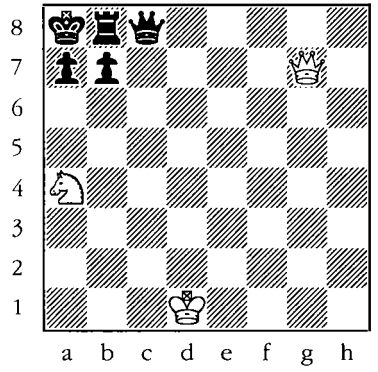


288

King + queen + knight

White to move.



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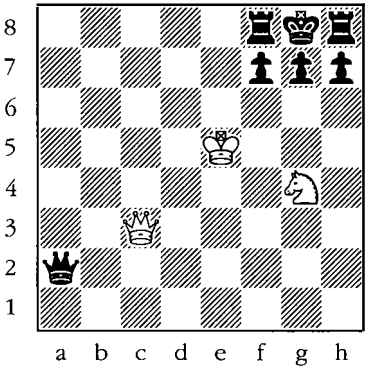

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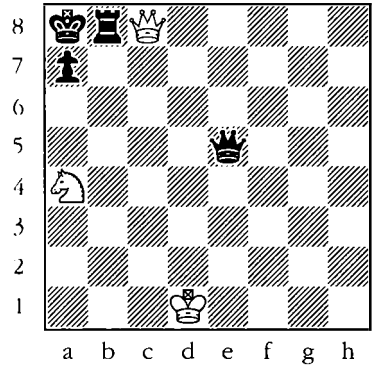

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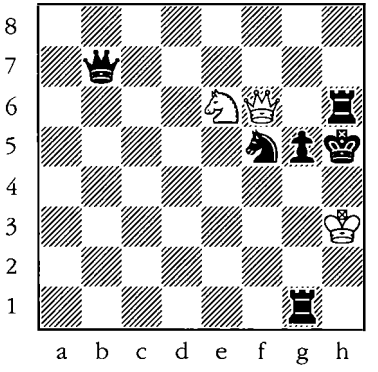

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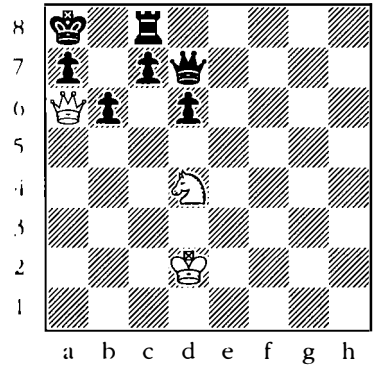

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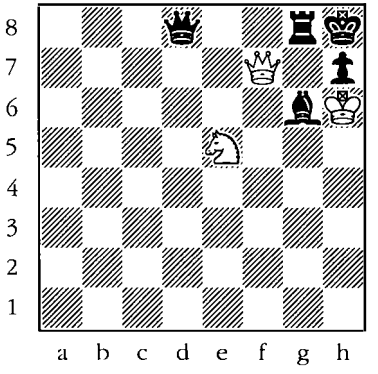
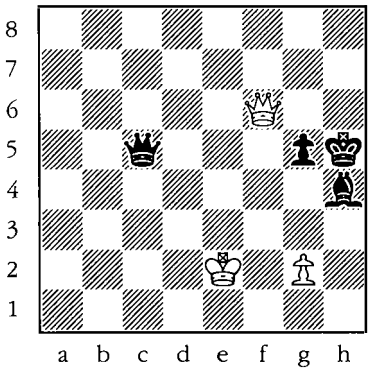


294

King + queen + pawn

White to move.



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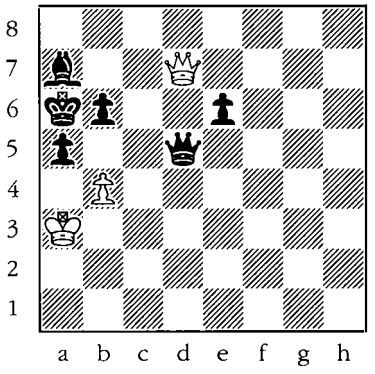

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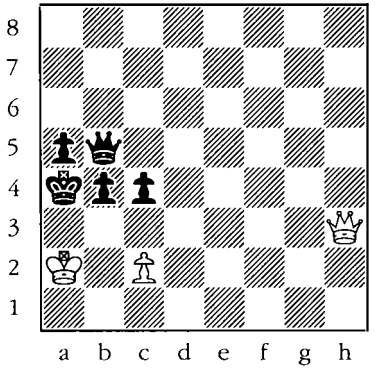

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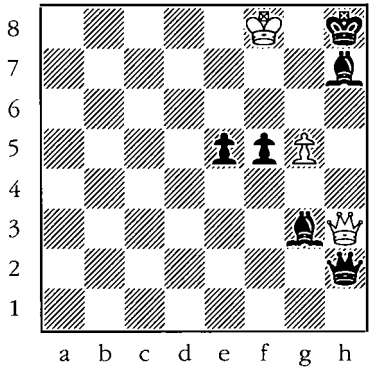

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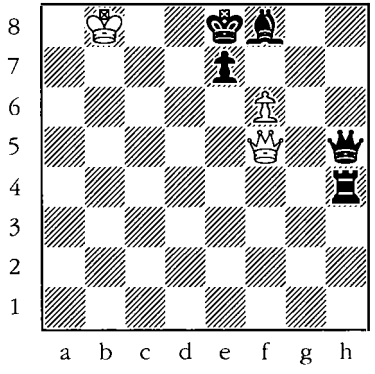

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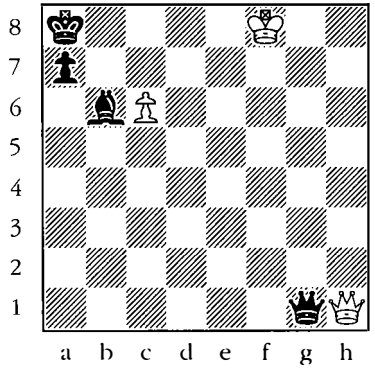
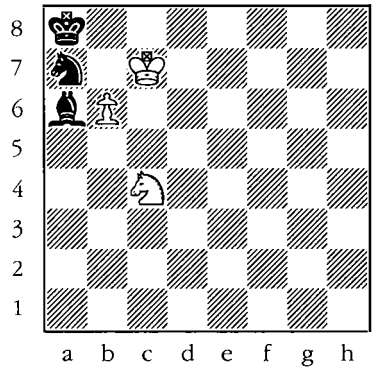


300

King + knight + pawn

White to move.



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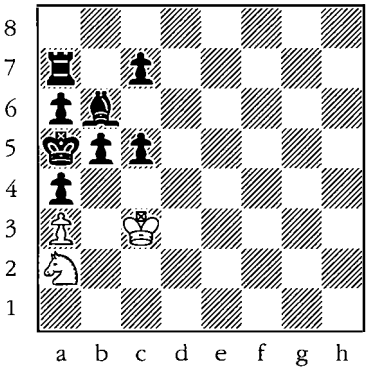

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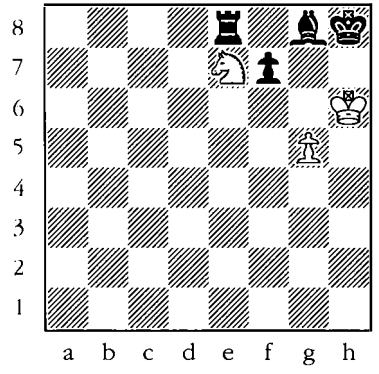

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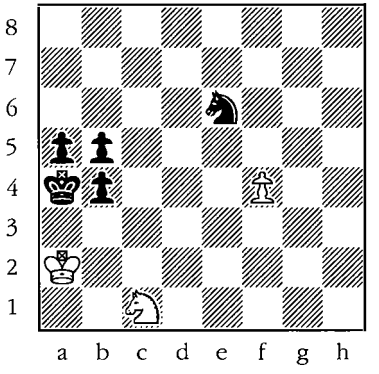

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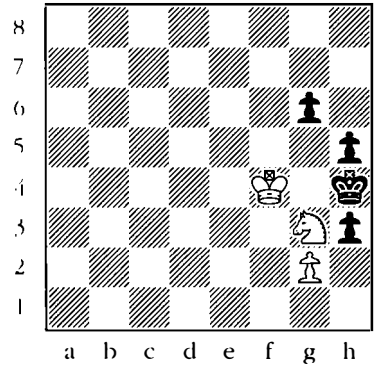

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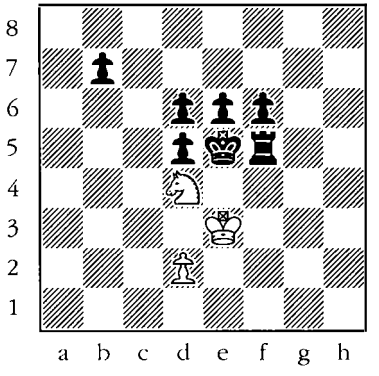
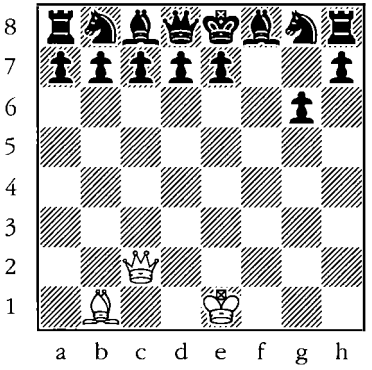


306

King + bishop + queen vs. many black pieces

White to move.



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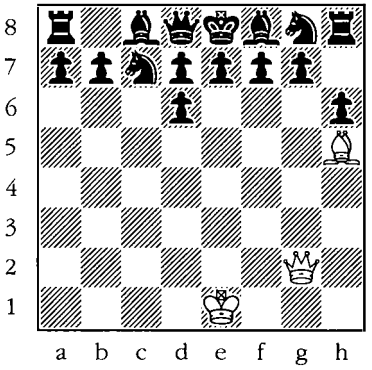

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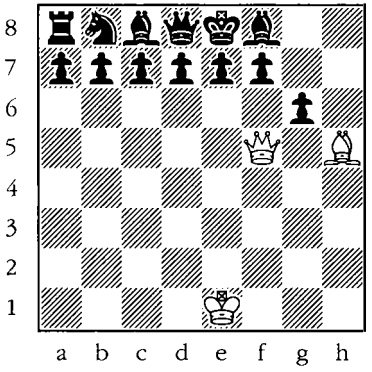

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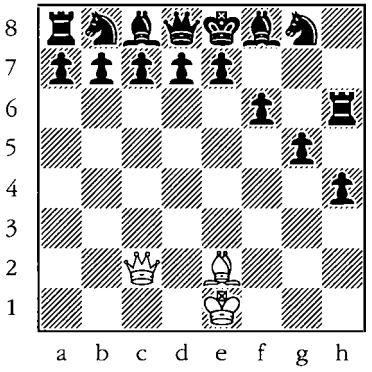

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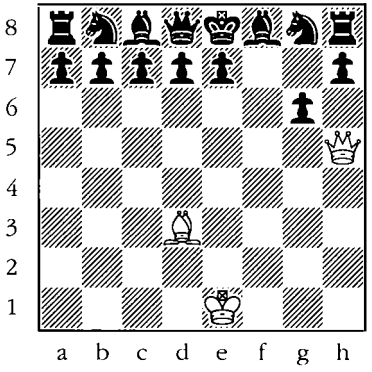

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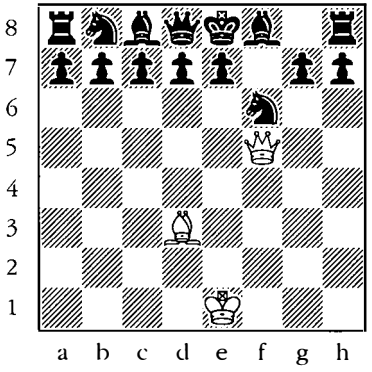
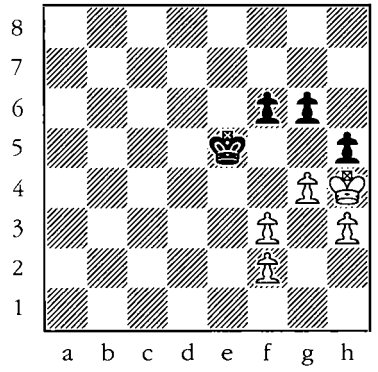


312

King + three pieces vs. various pieces

King + three pawns

Black to move.



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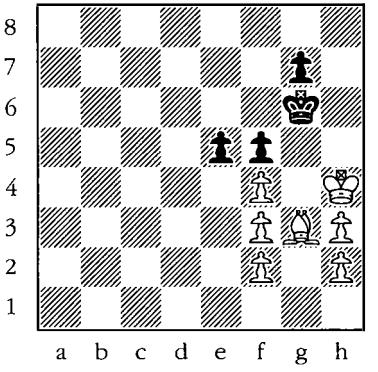

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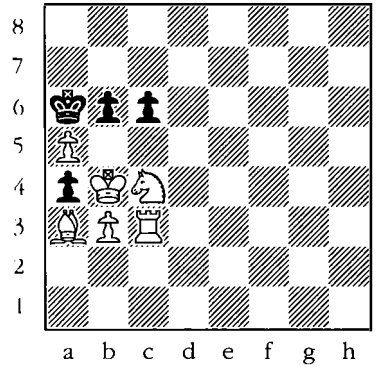

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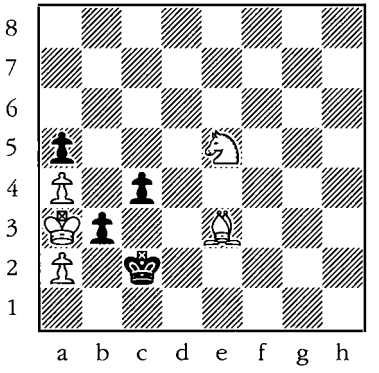

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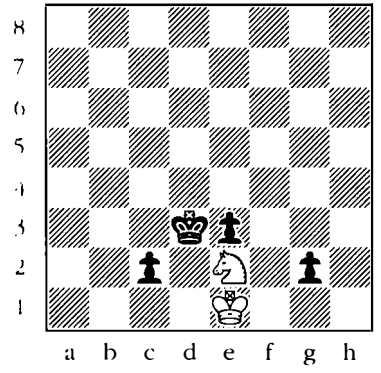

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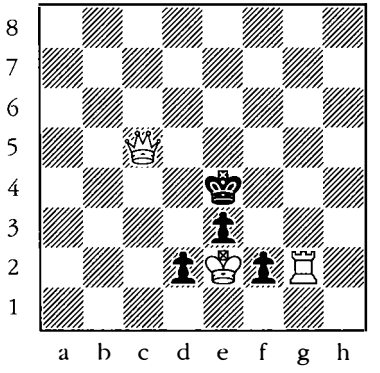
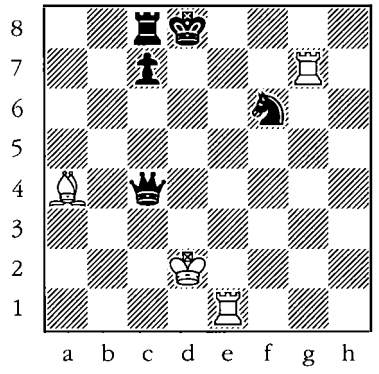


318

King + two rooks + piece

White to move.



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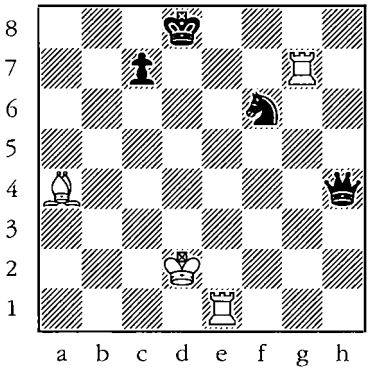

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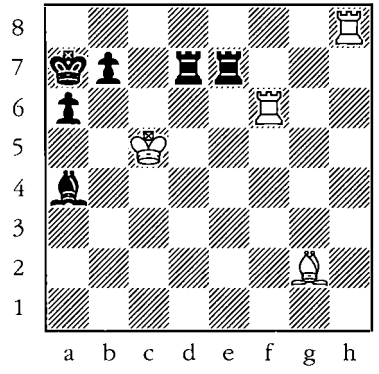

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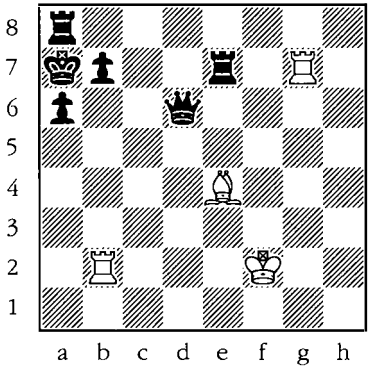

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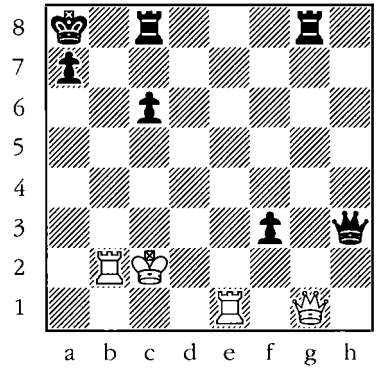

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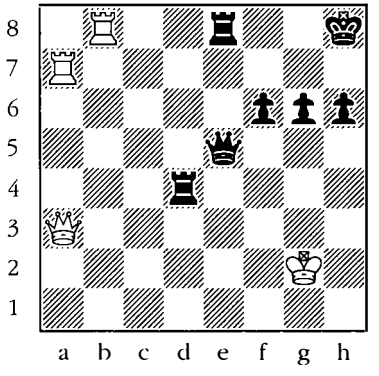
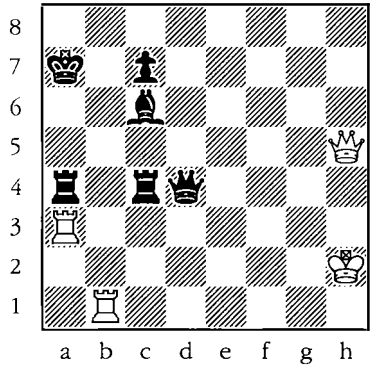


324

King + two rooks + piece

White to move.



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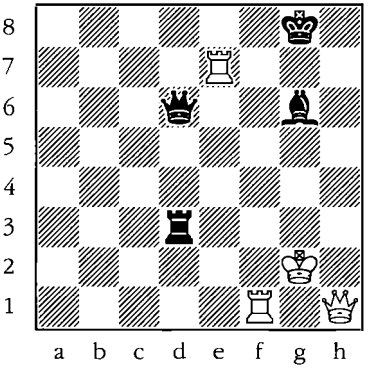

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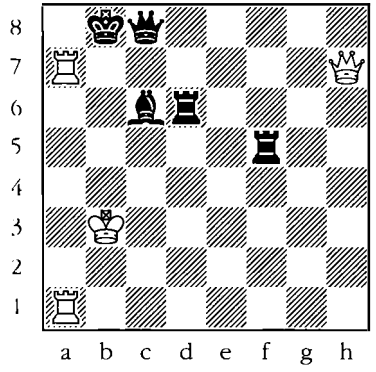

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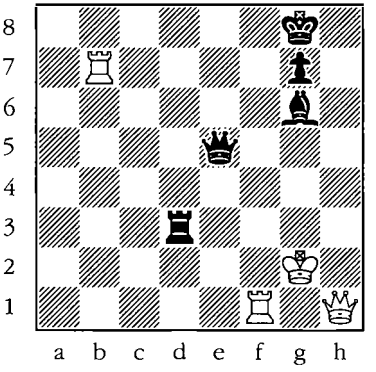

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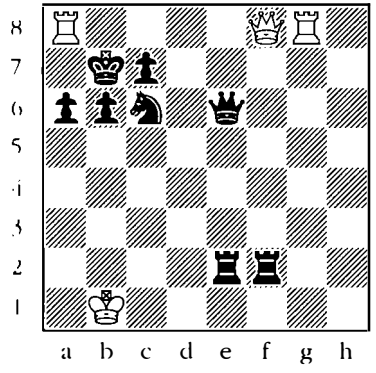

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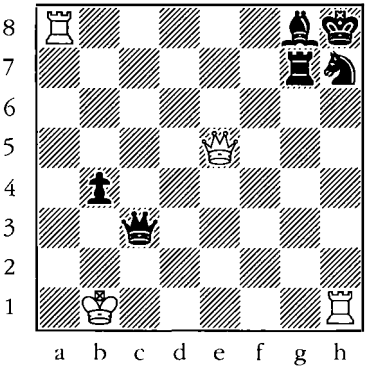
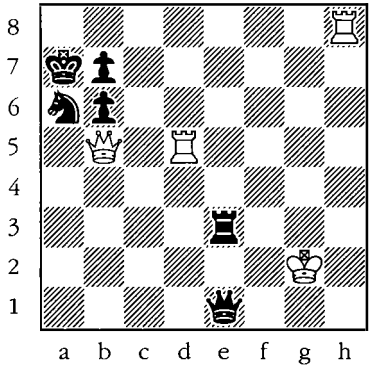


330

King + two rooks + piece

White to move.



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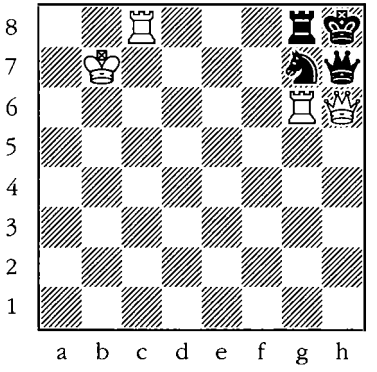

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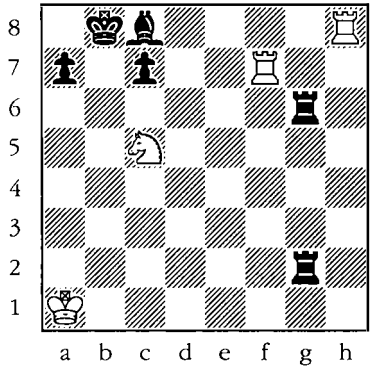

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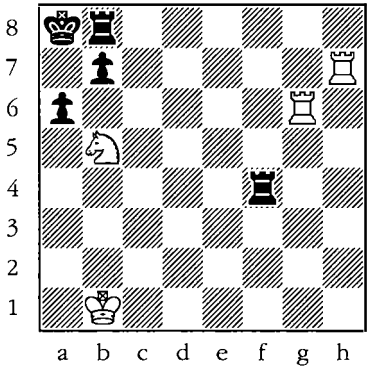

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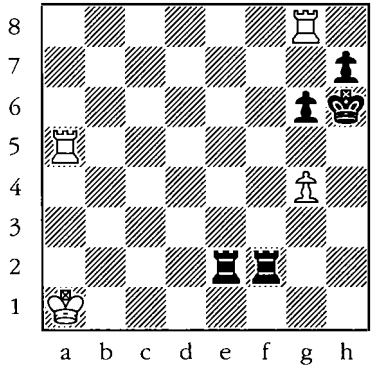

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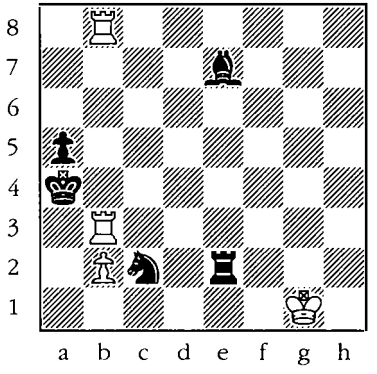
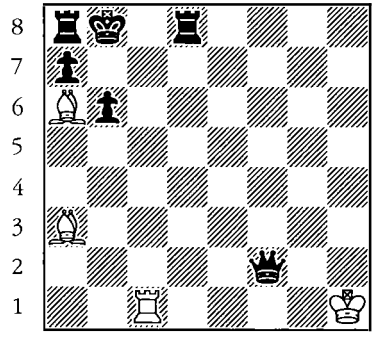


336

King + two bishops + piece

White to move.



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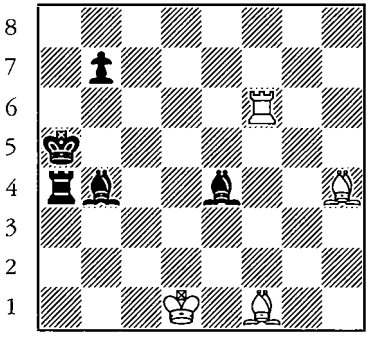

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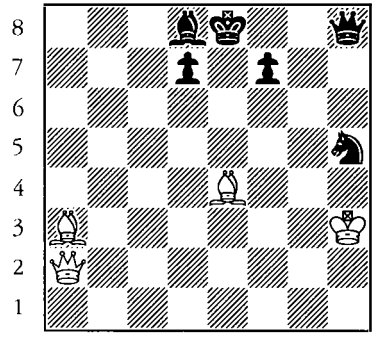

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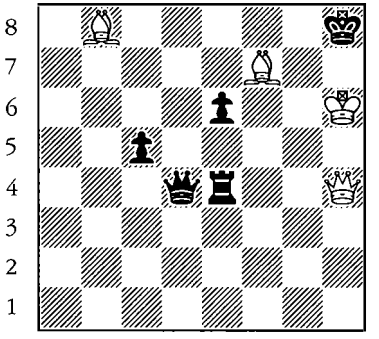

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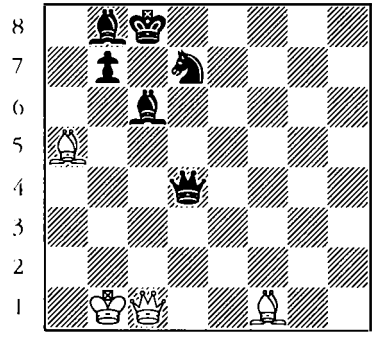

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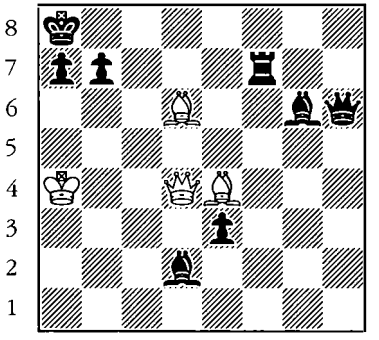
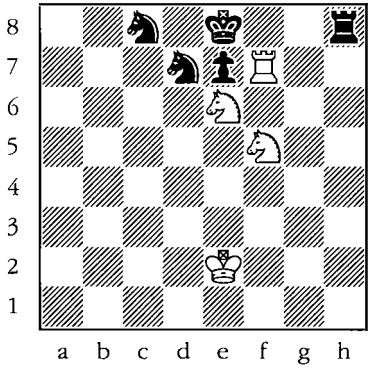


342

King + two knights + piece

White to move.



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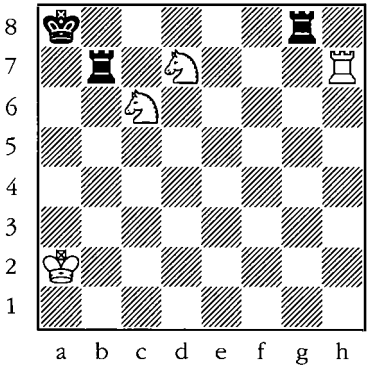

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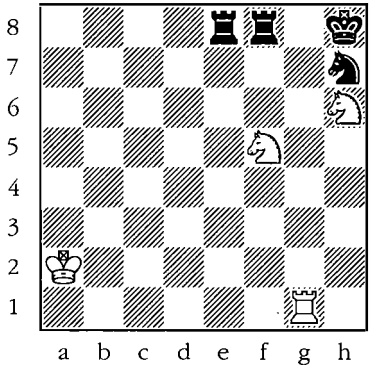

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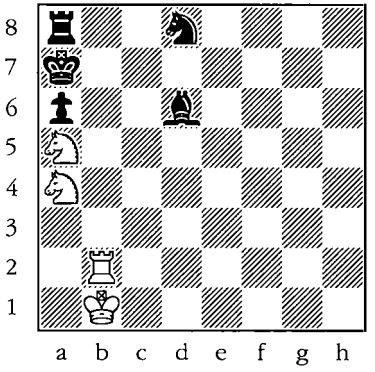

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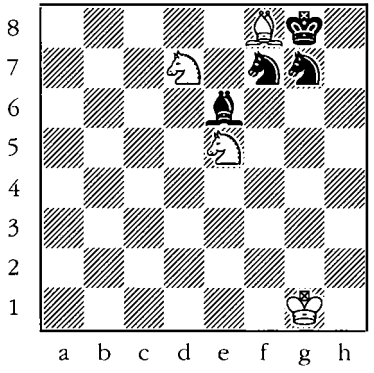

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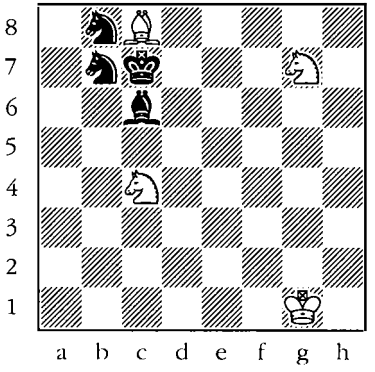
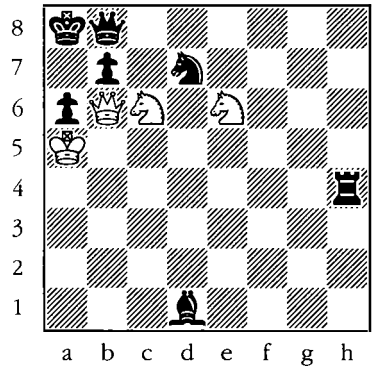


348

King + two knights + piece

White to move.



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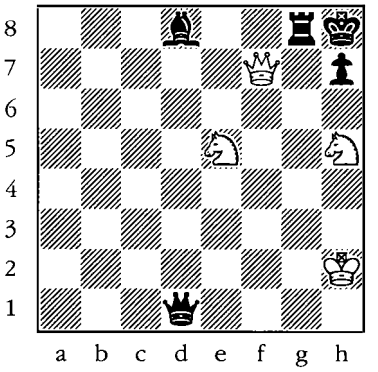

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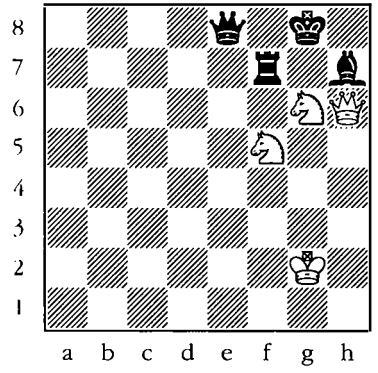

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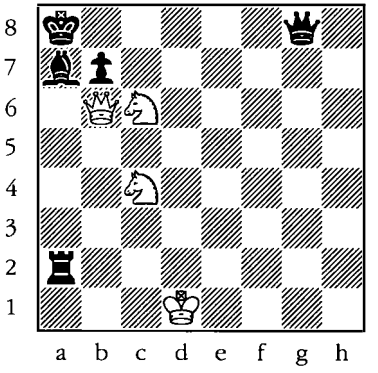

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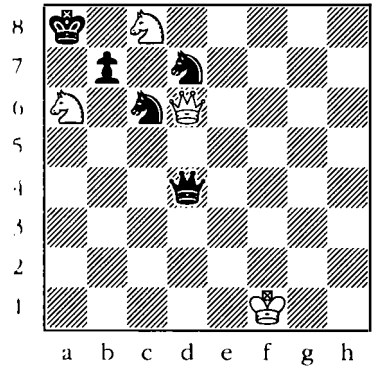

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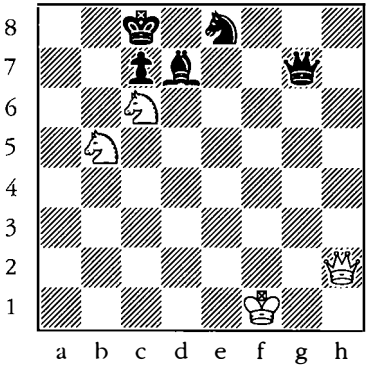
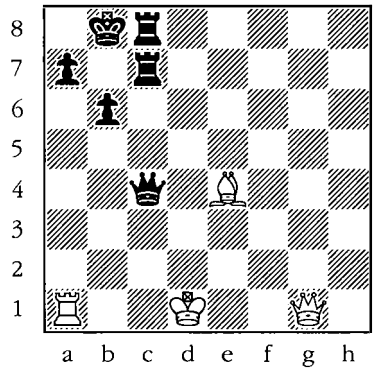


354

King + three different pieces

White to move.



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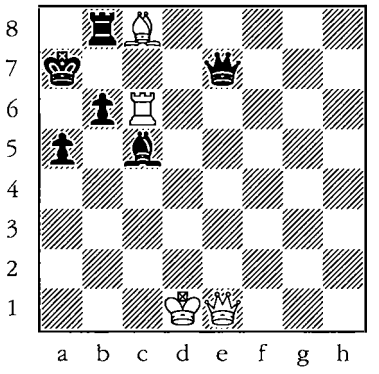

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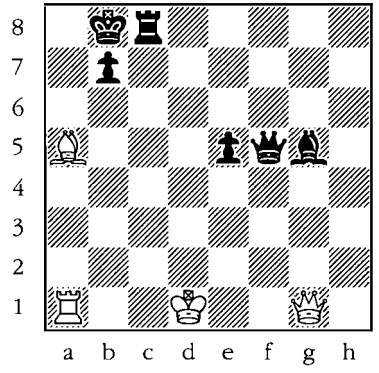

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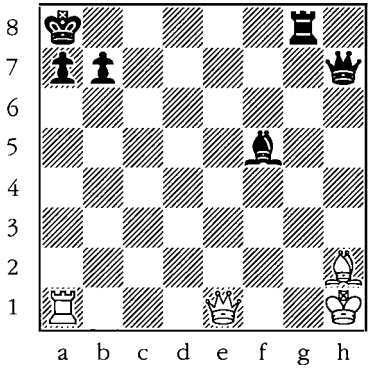

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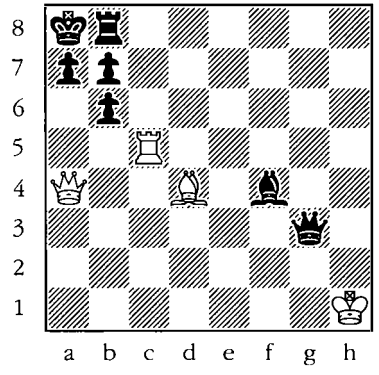

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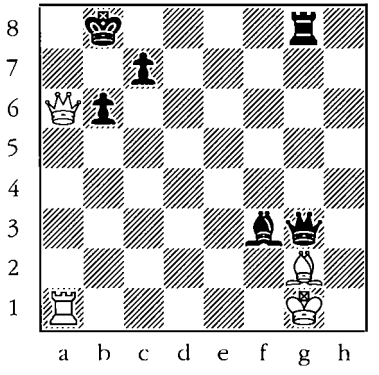
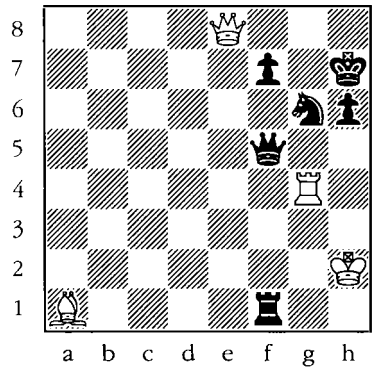


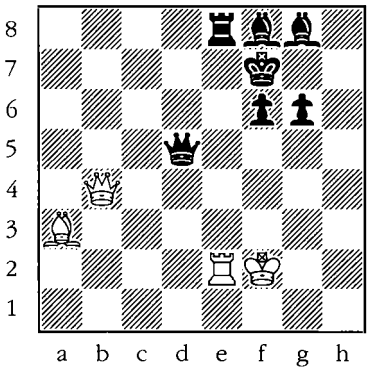
360

King + three different pieces

White to move.



361



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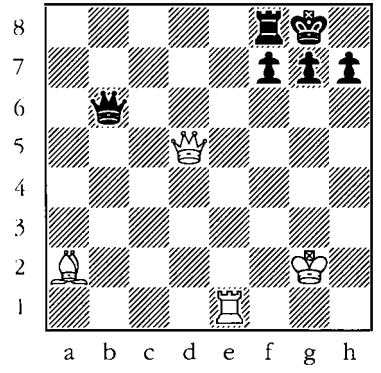

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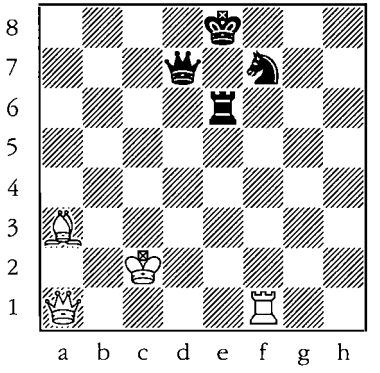

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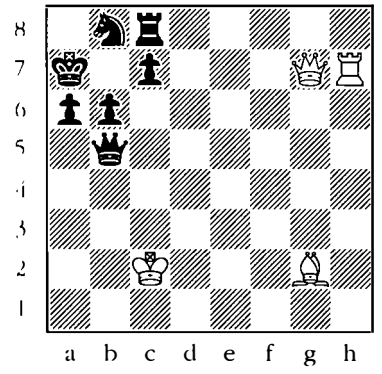

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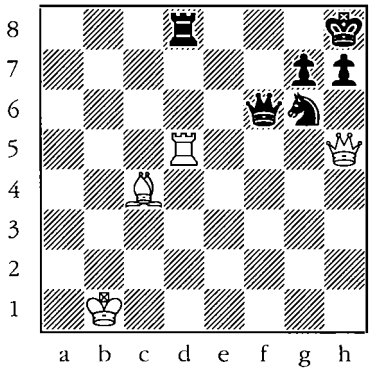
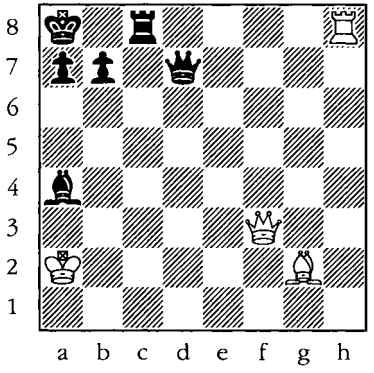


366

King + three different pieces

White to move.



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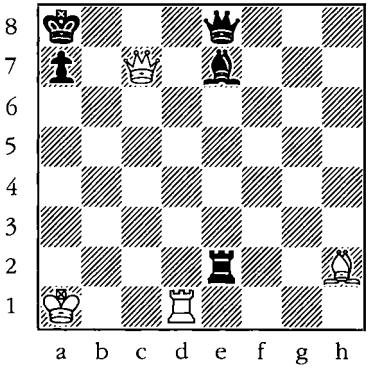

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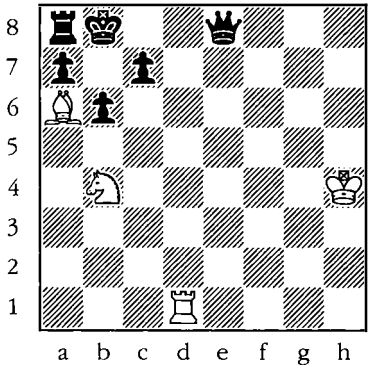

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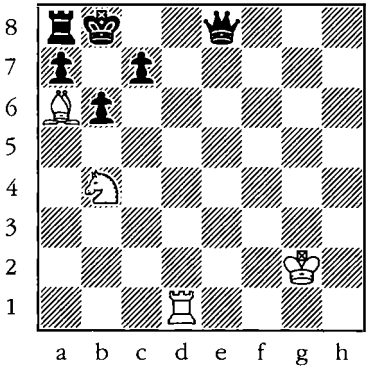

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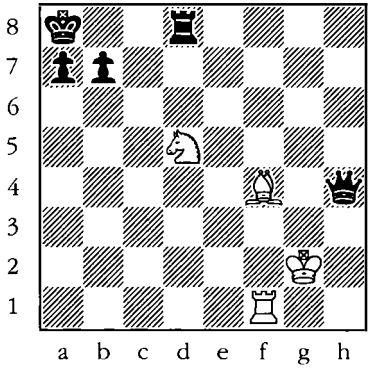

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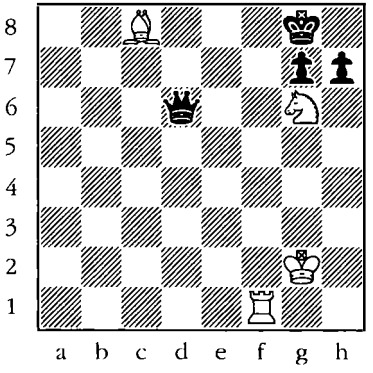
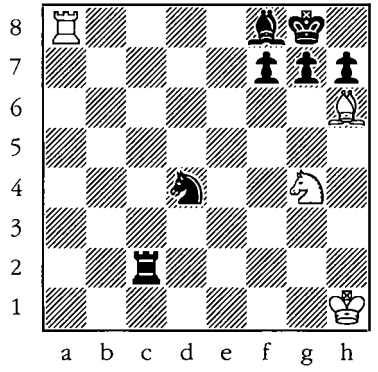


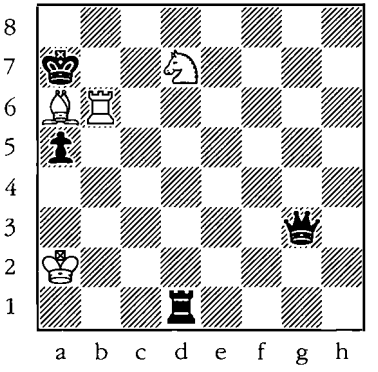
372

King + three different pieces

White to move.



373



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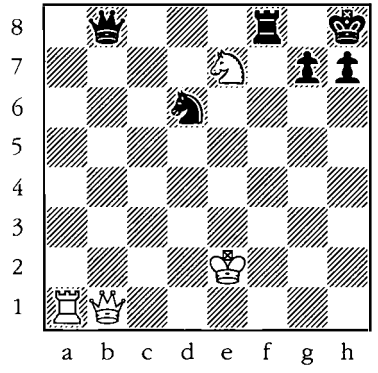

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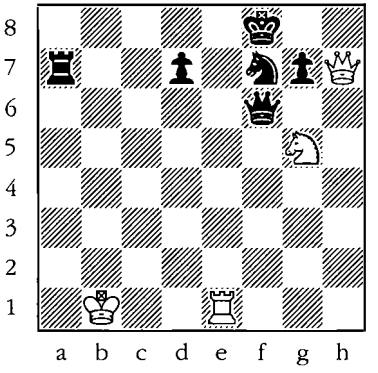

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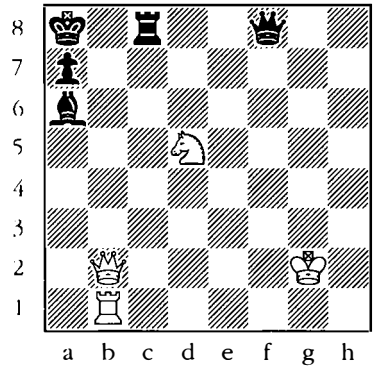

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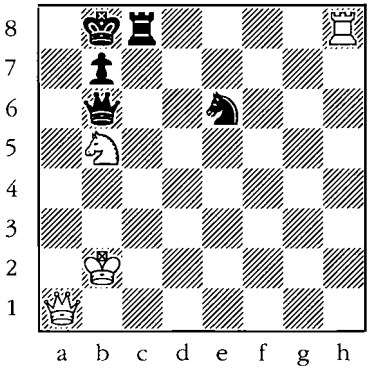
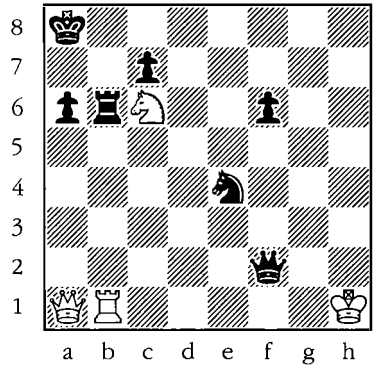


378

King + three different pieces

White to move.



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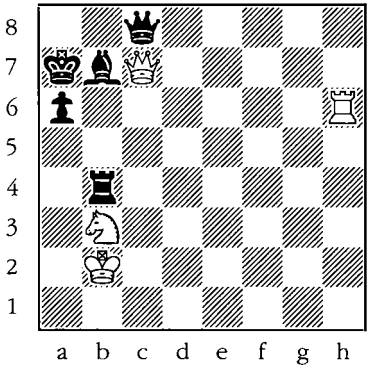

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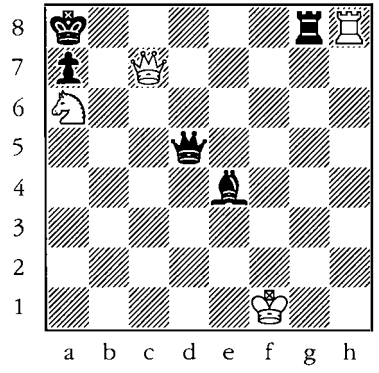

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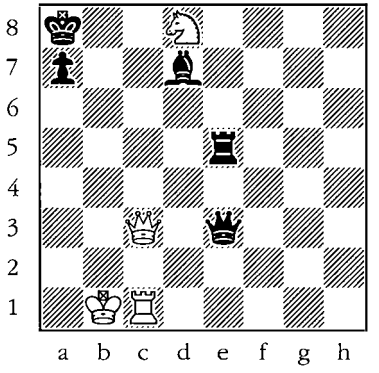

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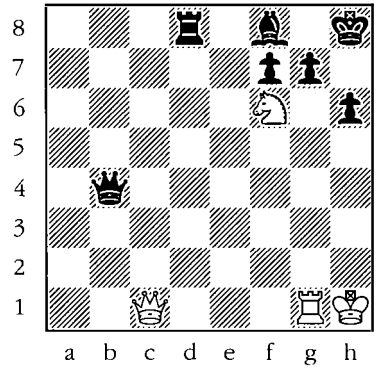

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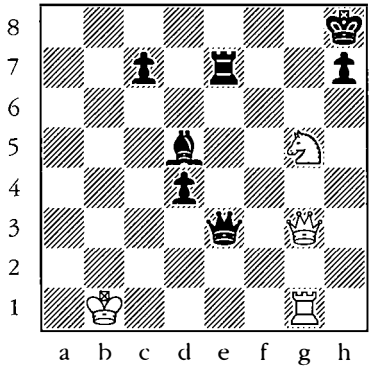
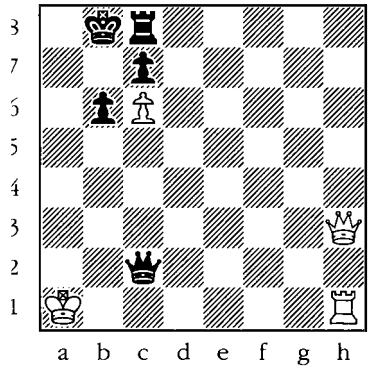


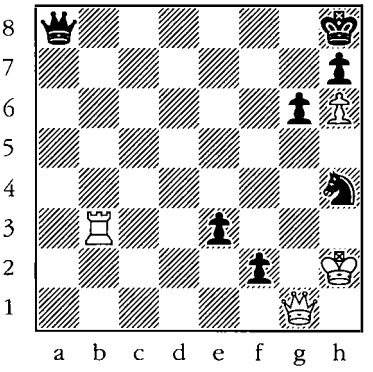
384

King + three different pieces

White to move.



385



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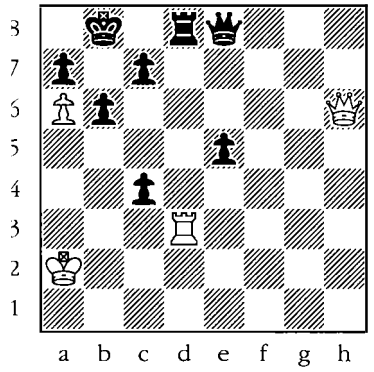

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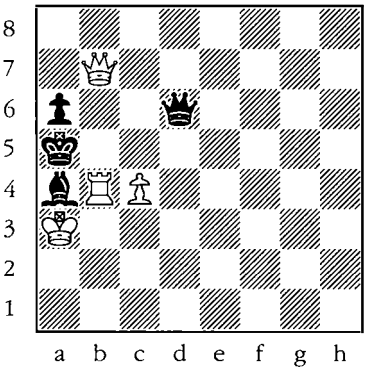

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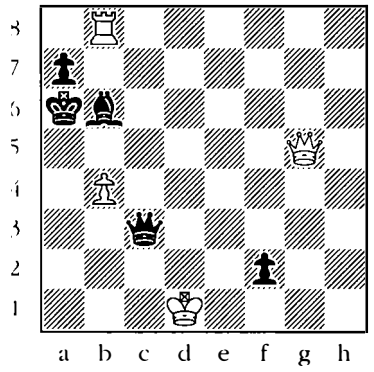

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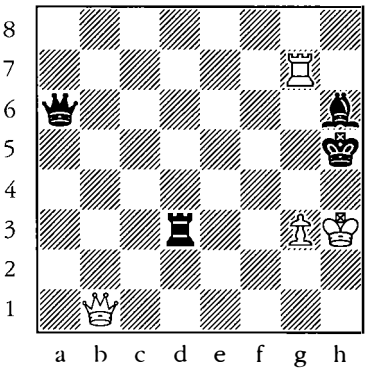
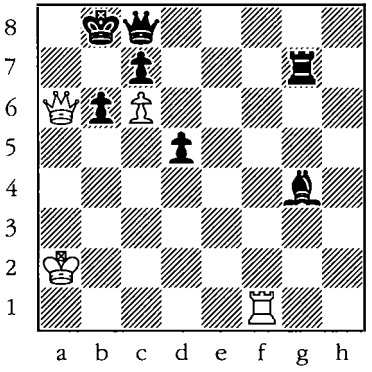


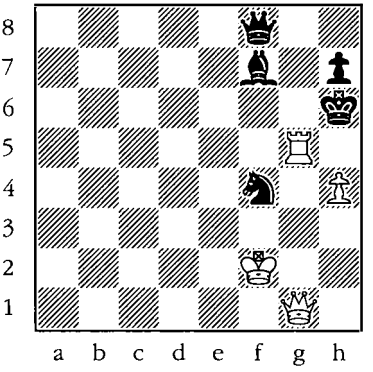
390

King + three different pieces

White to move.



391



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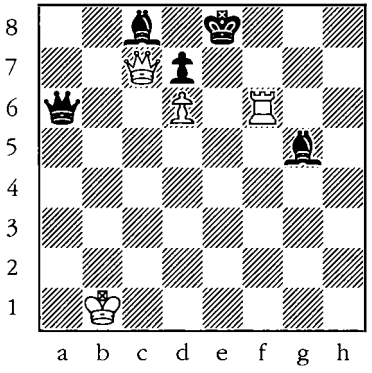

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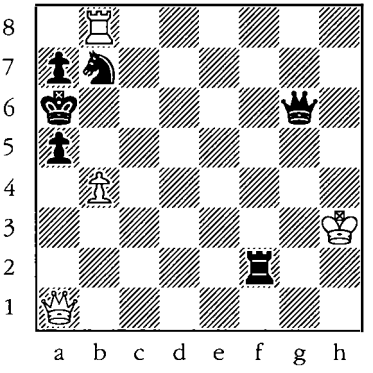

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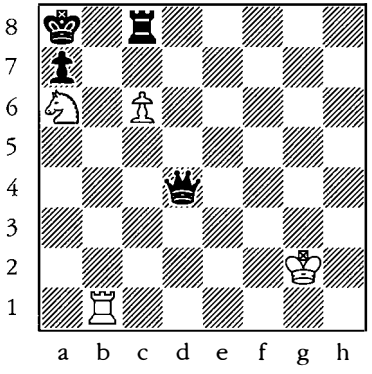
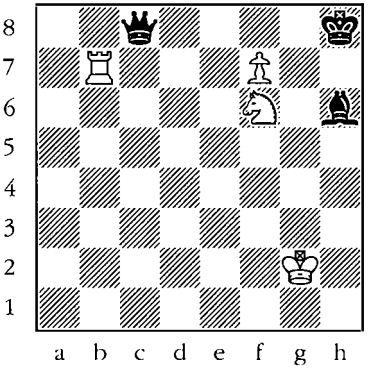


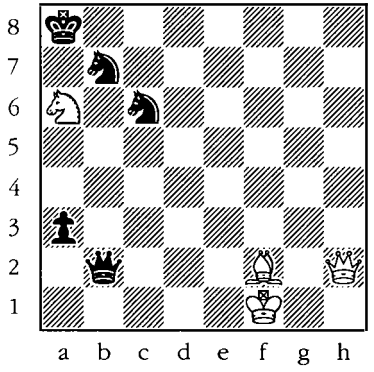
395



396

King + three different pieces

White to move.



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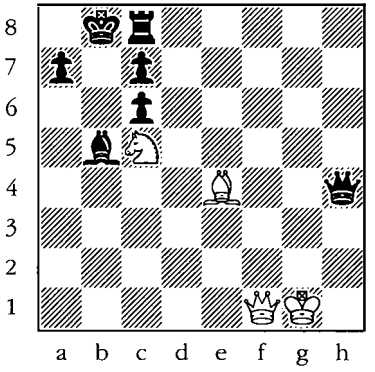
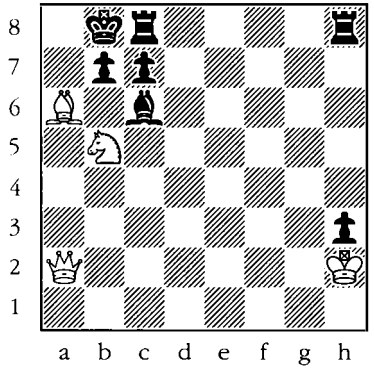


398



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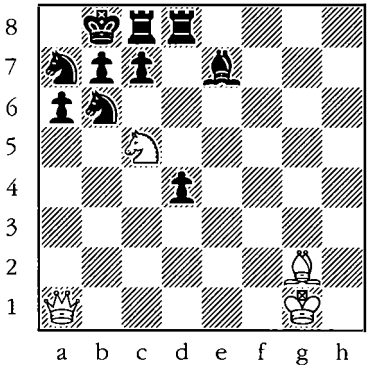

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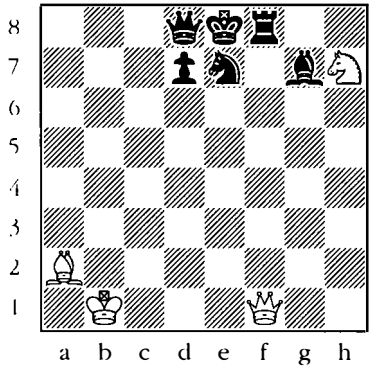
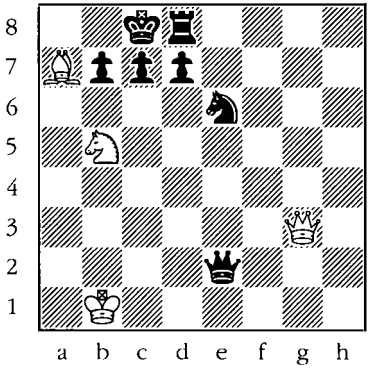


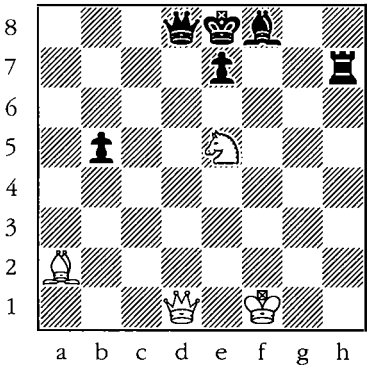
401



402

King + three different pieces

White to move.



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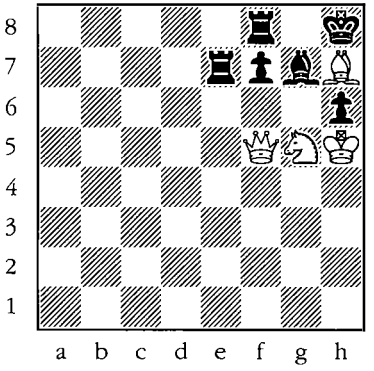

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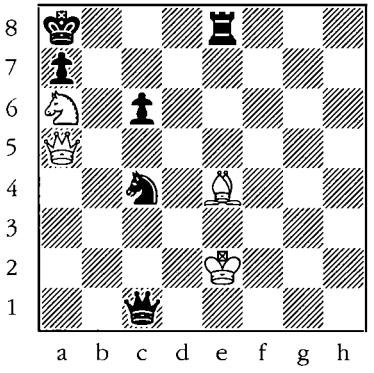

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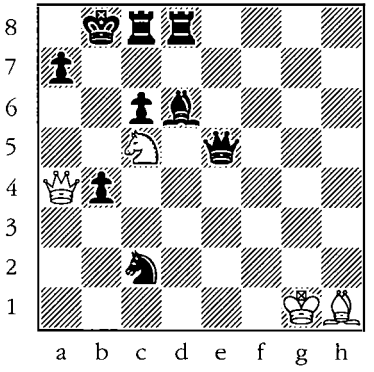
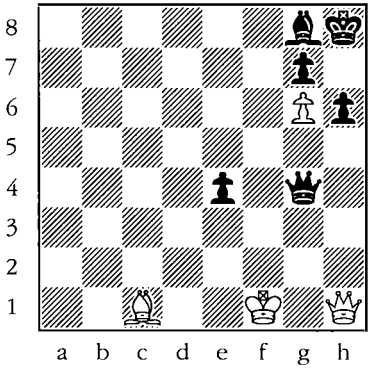


406



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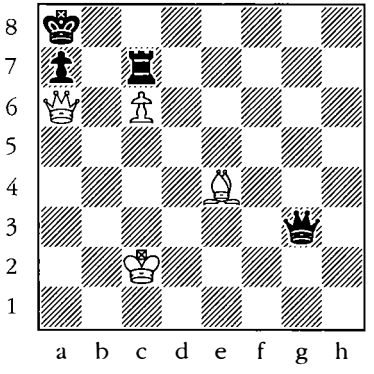
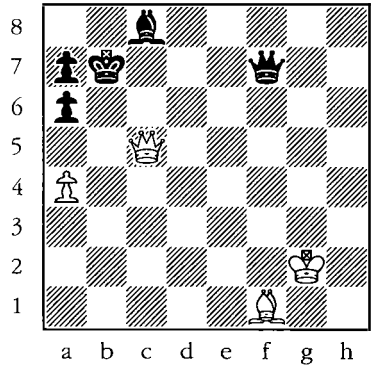


408

King + three different pieces

White to move.



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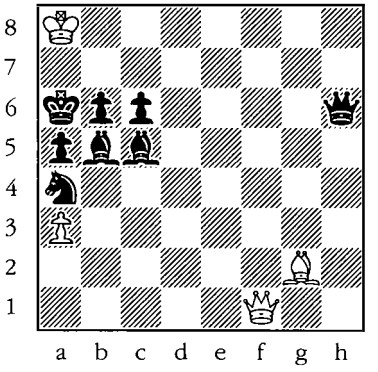

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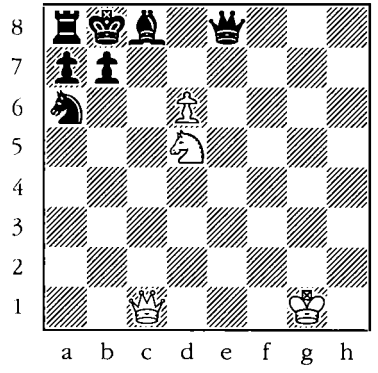

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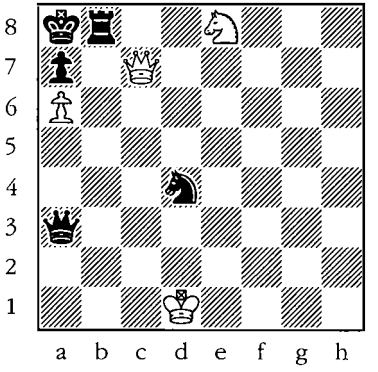

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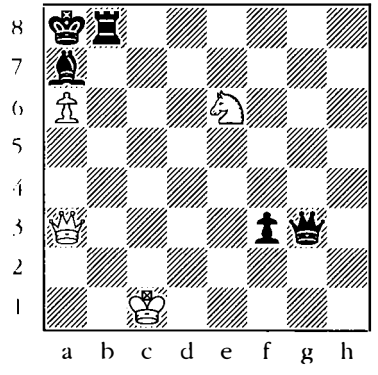

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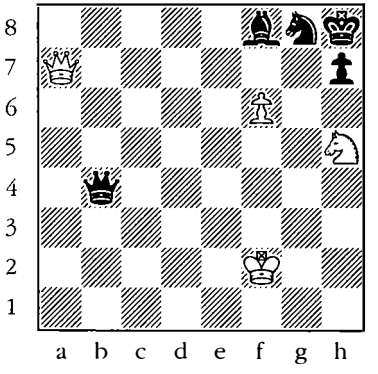
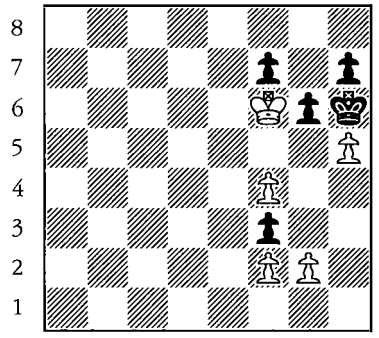


414

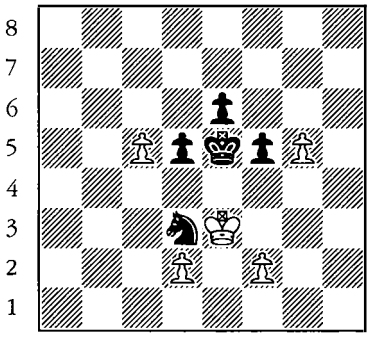
King + four pieces vs. various pieces

King + four pawns

White to move.



415



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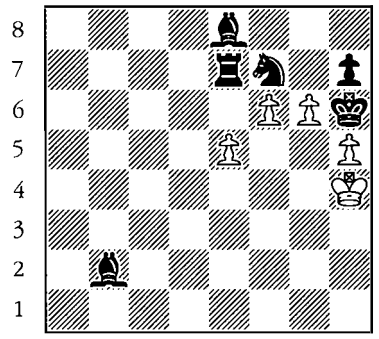

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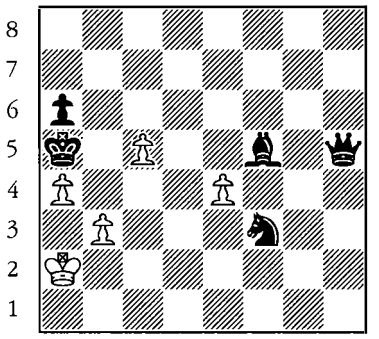

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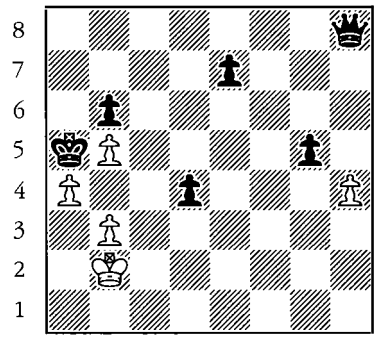

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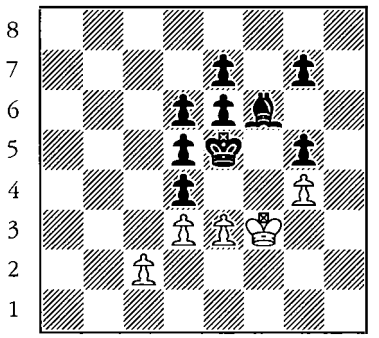
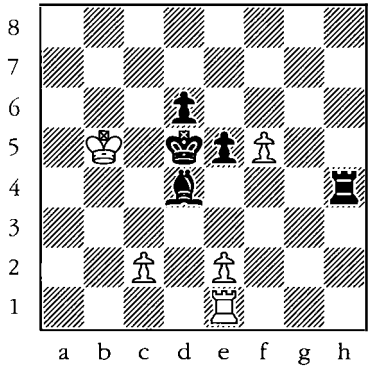


420

King + three pawns + piece

White to move.



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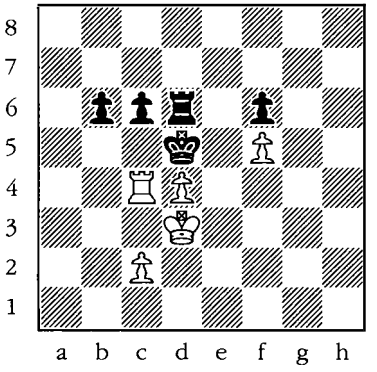

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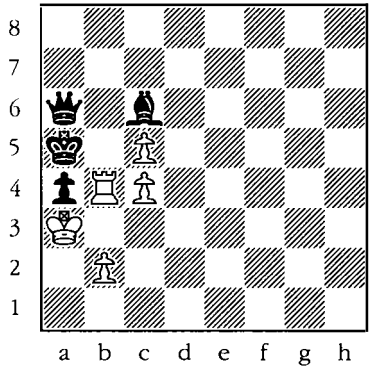

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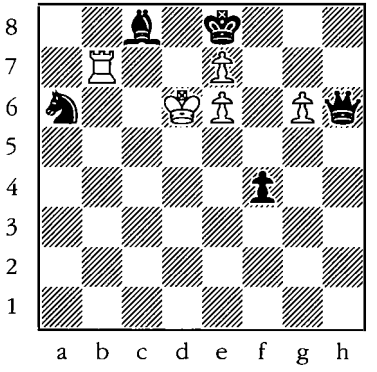

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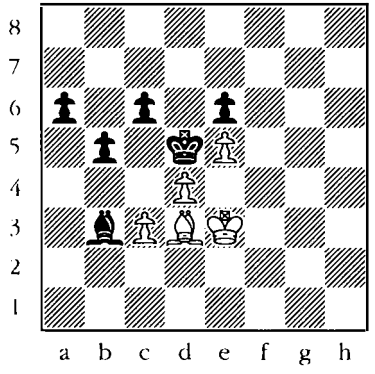

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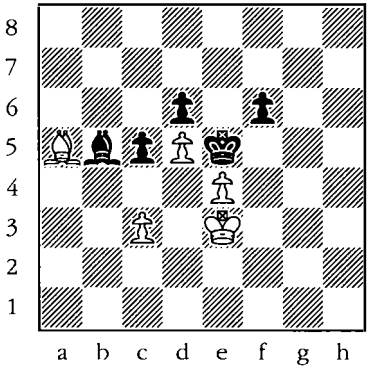
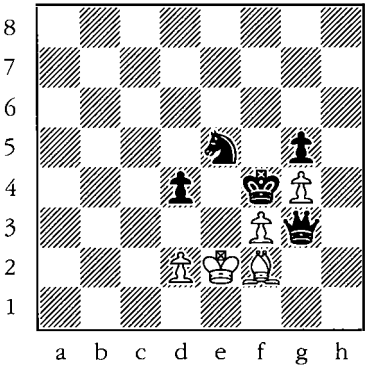


426

King + three pawns + piece

White to move.



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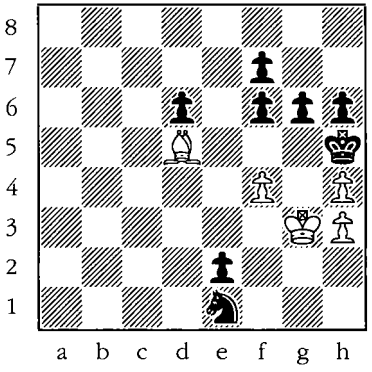

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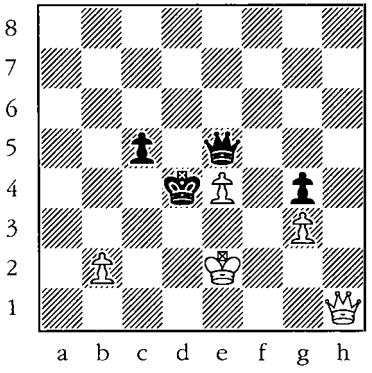
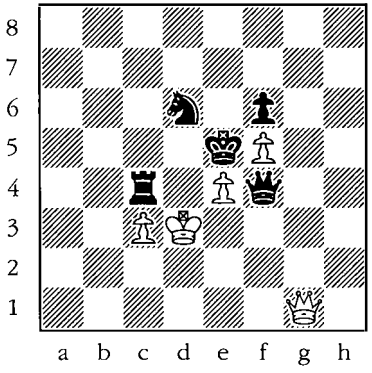


429



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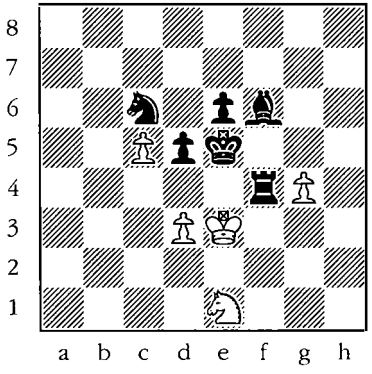

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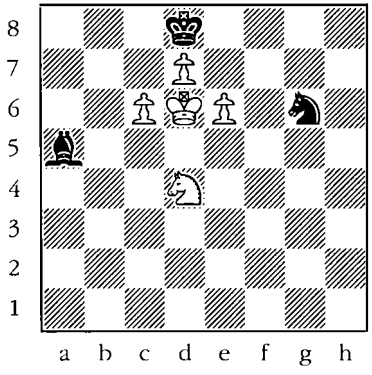
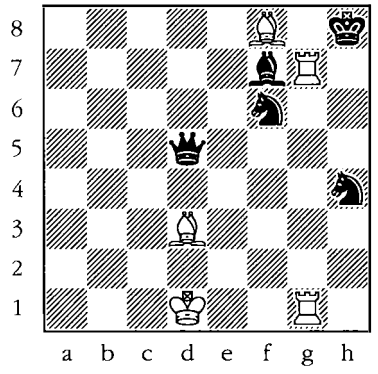


432

King + two rooks + two pieces

White to move.



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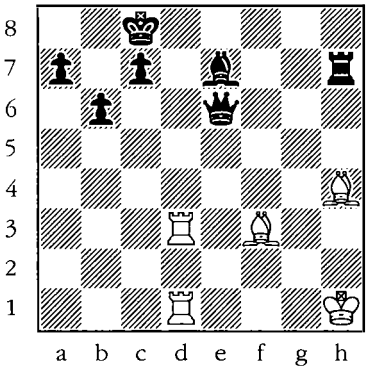

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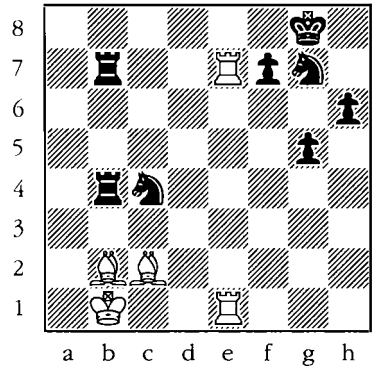

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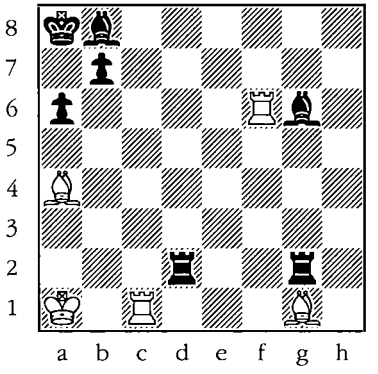

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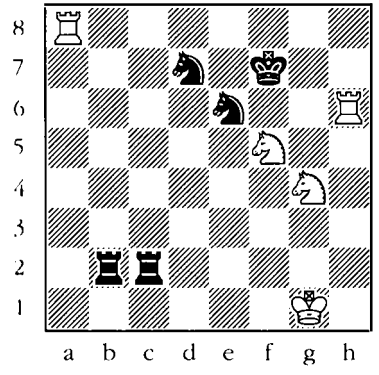

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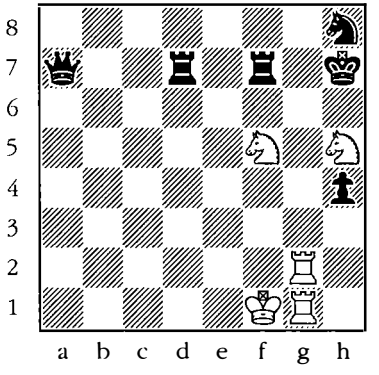
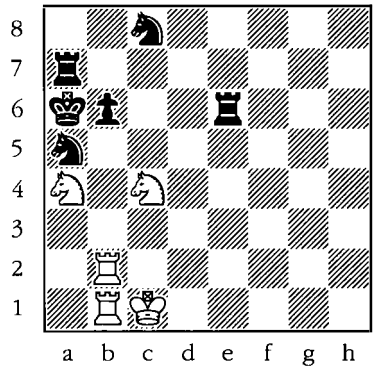


438

King + two rooks + two pieces

White to move.



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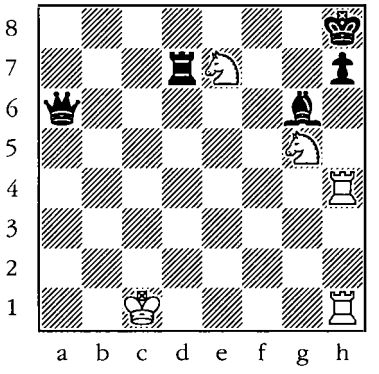

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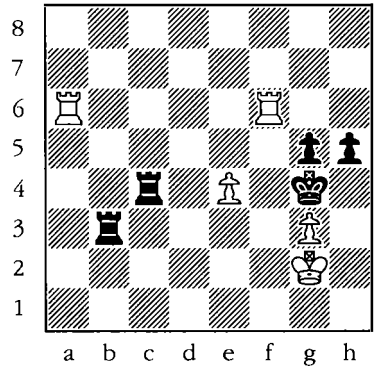

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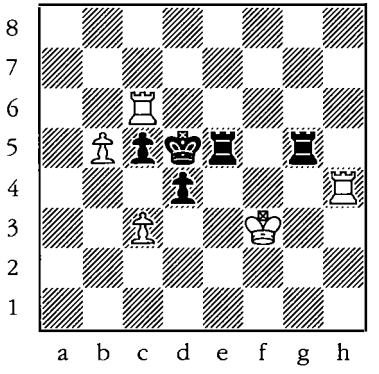

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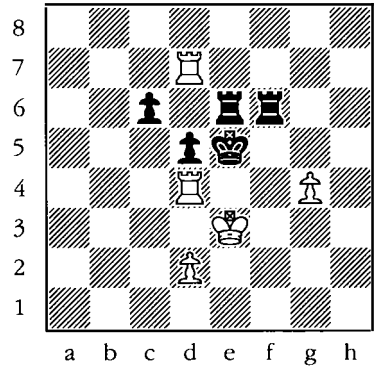

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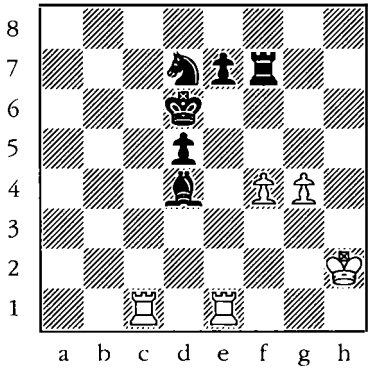
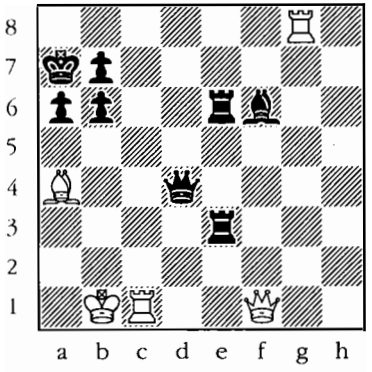


444

King + two rooks + two pieces

White to move.



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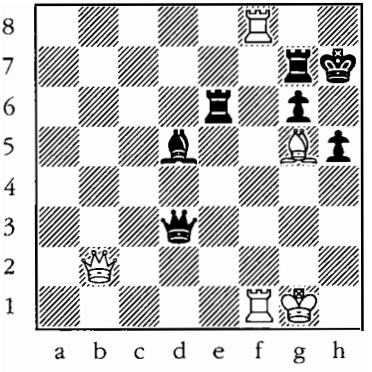

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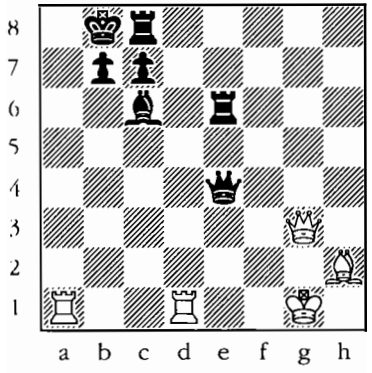

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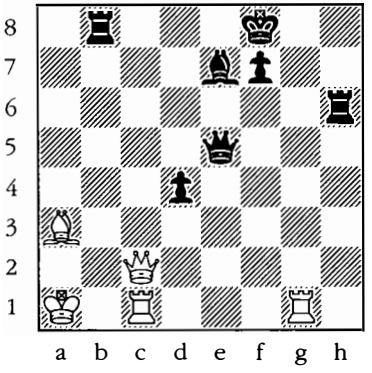

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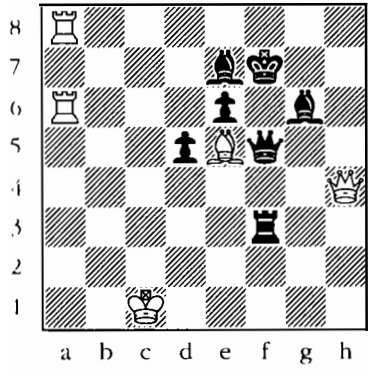

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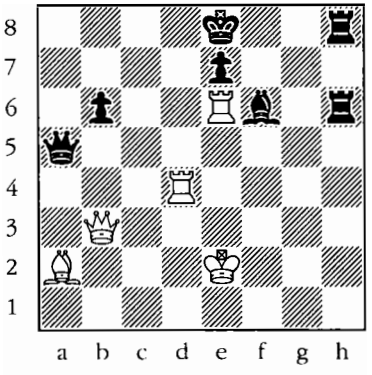
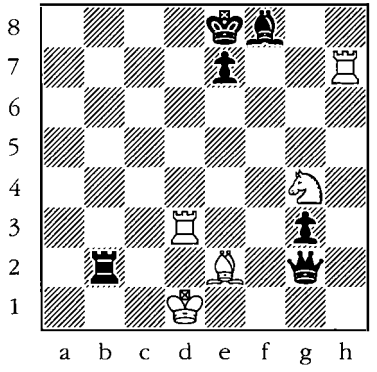


450

King + two rooks + two pieces

White to move.



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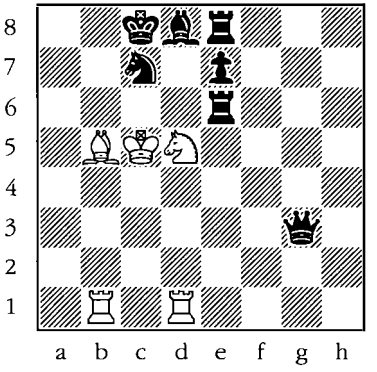

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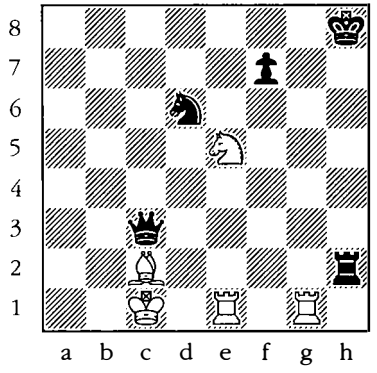

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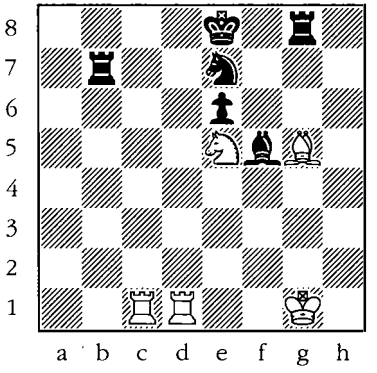

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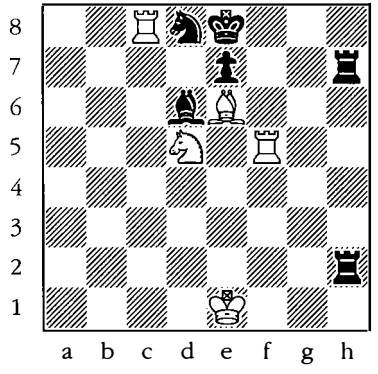
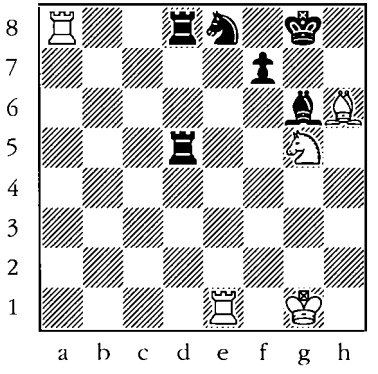


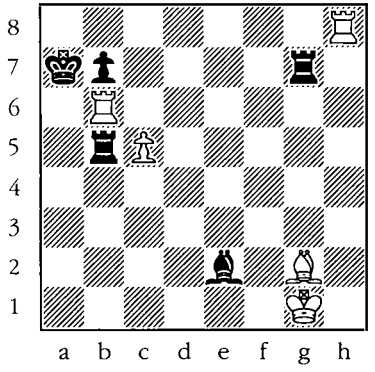
455



456

King + two rooks + two pieces

White to move.



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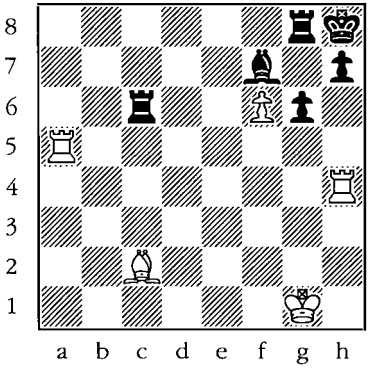

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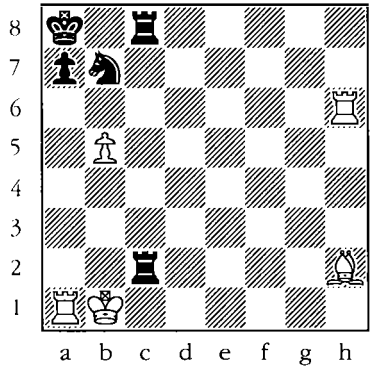

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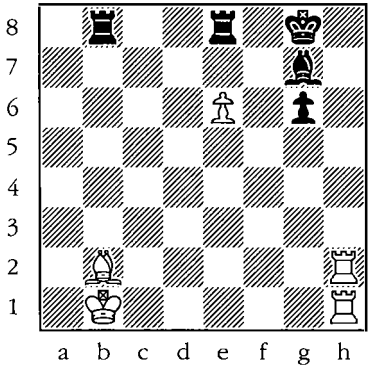
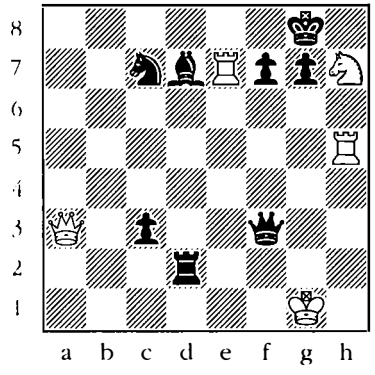
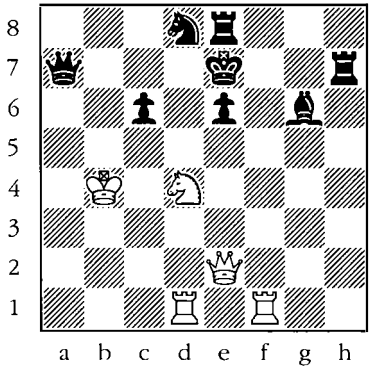


460



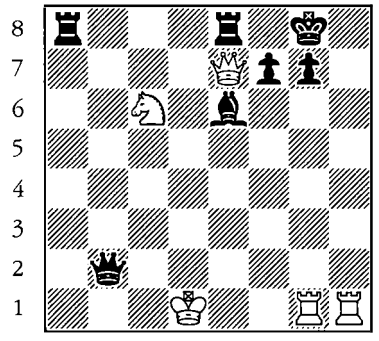
461



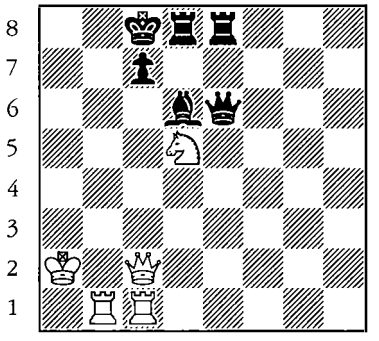
462

King + two rooks + two pieces

White to move.



463



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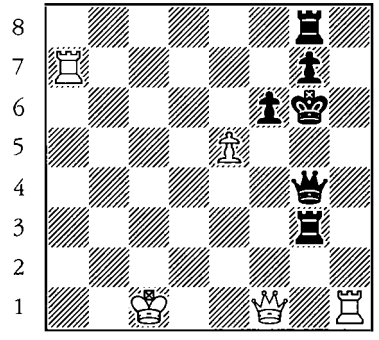

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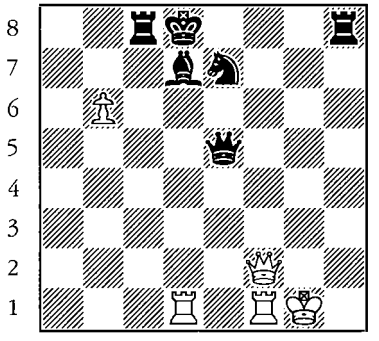

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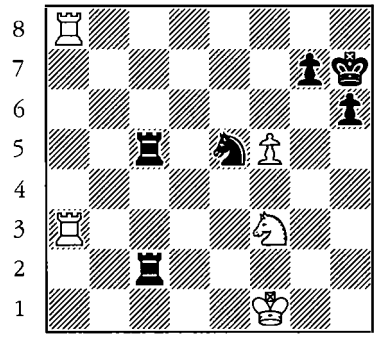

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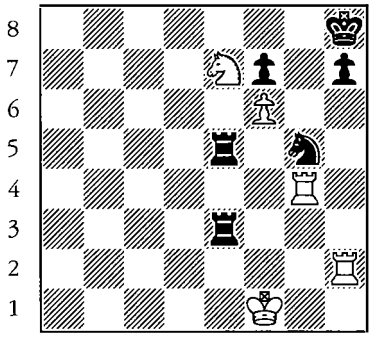
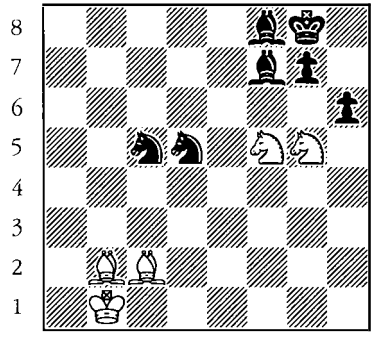


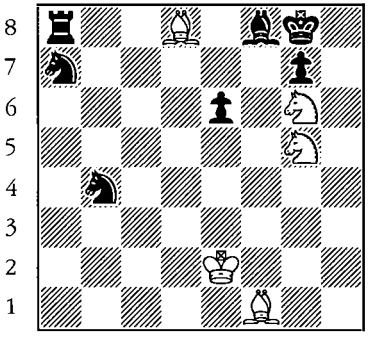
468

King + two bishops + two pieces

White to move.



469



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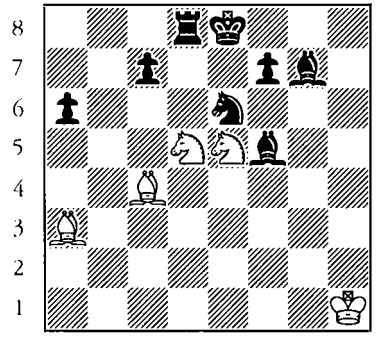

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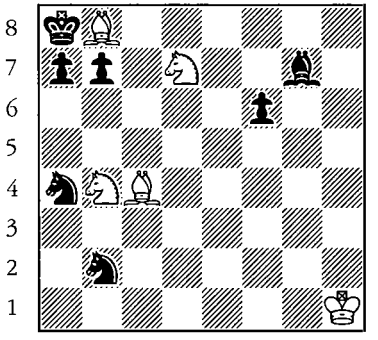

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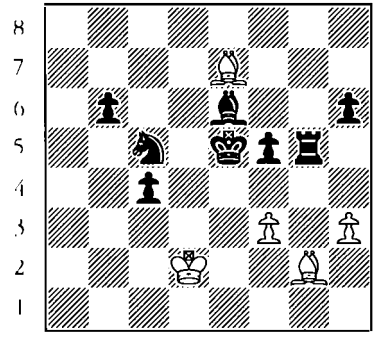

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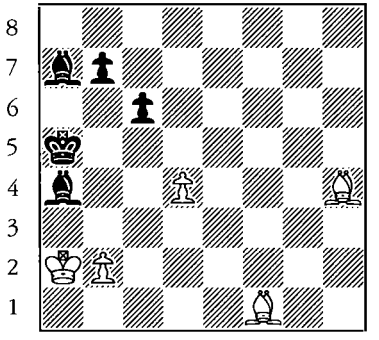
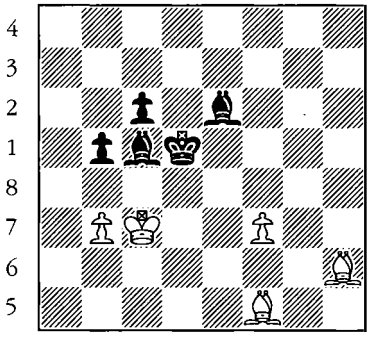


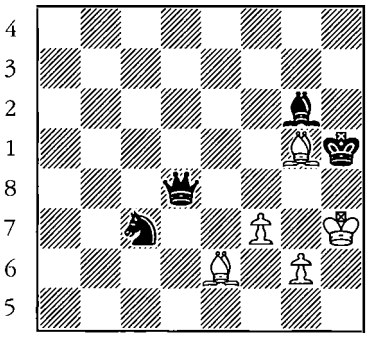
474

King + two bishops + two pieces

White to move.



475



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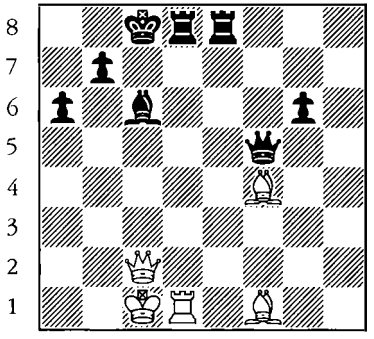

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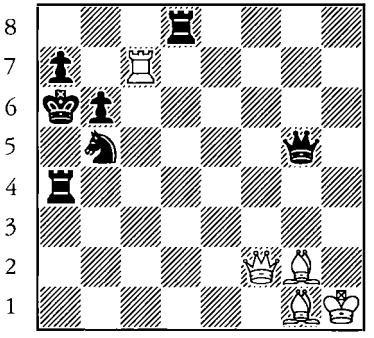
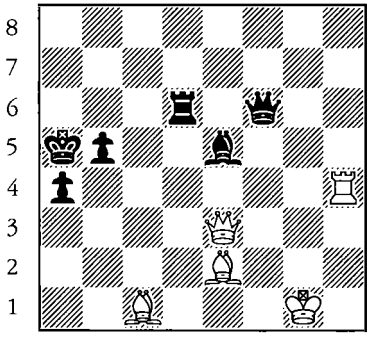


478



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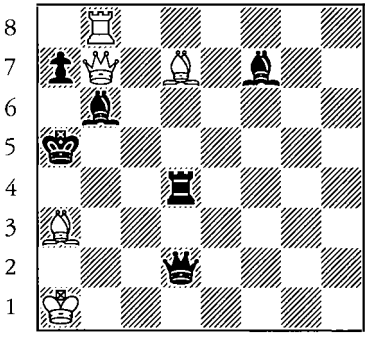
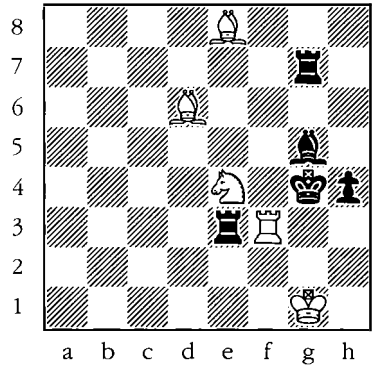


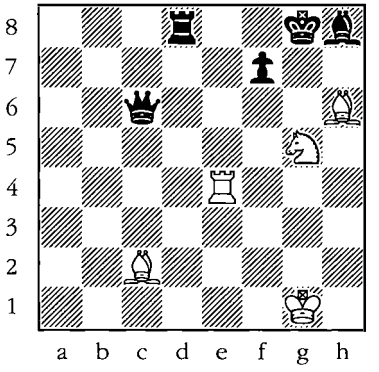
480

King + two bishops + two pieces

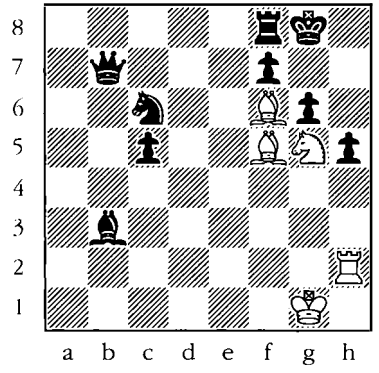
White to move.



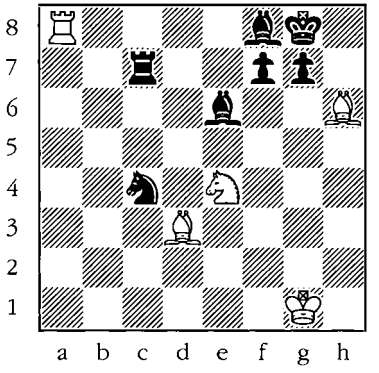
481



482



483



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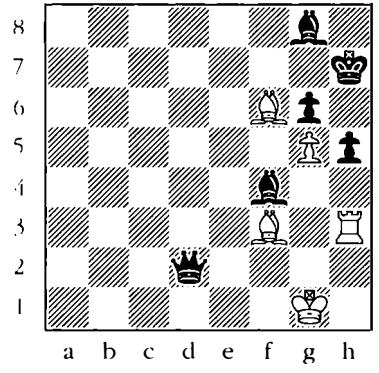

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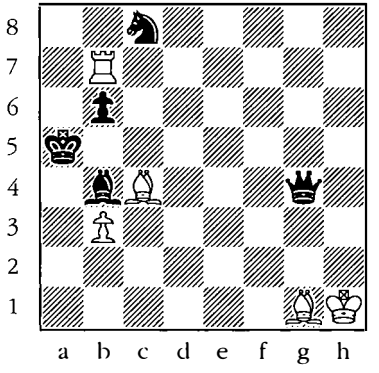
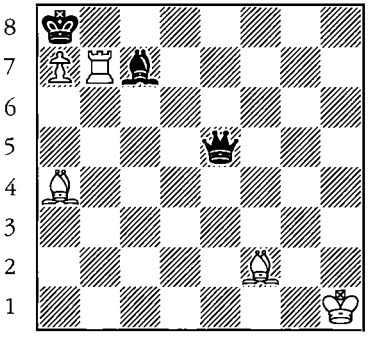


486

King + two bishops + two pieces

White to move.



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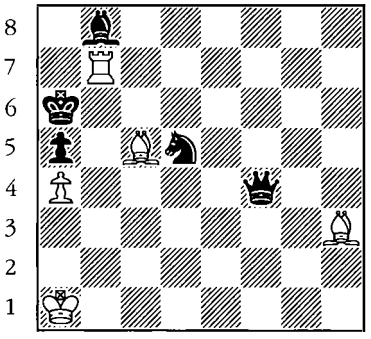

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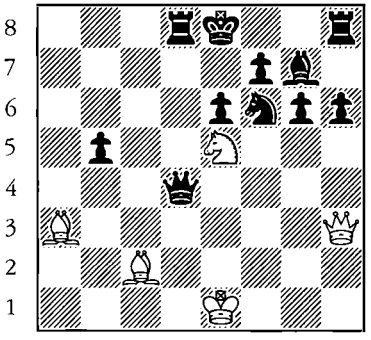
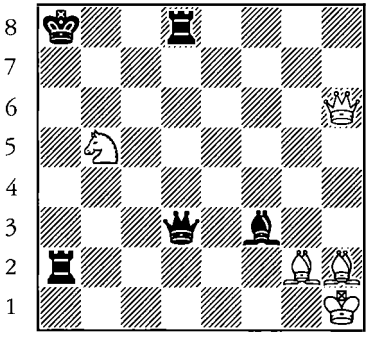


489



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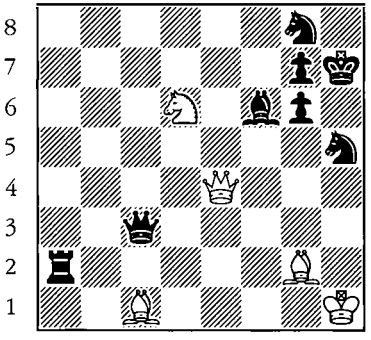

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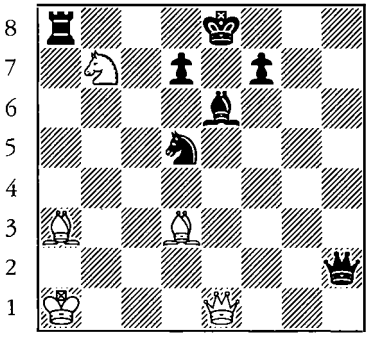
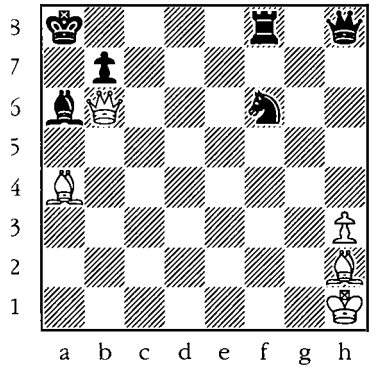


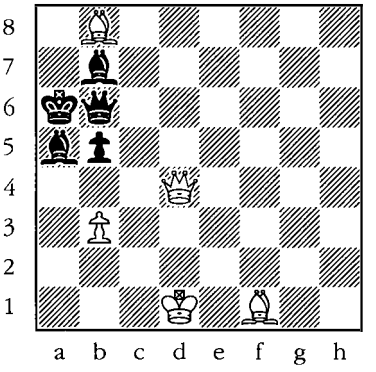
492

King + two bishops + two pieces

White to move.



493



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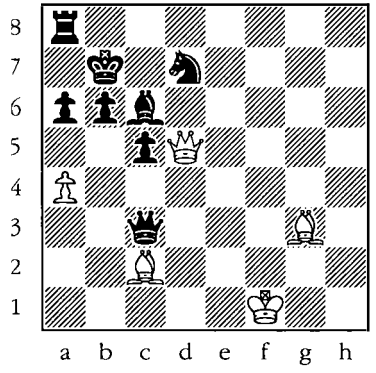

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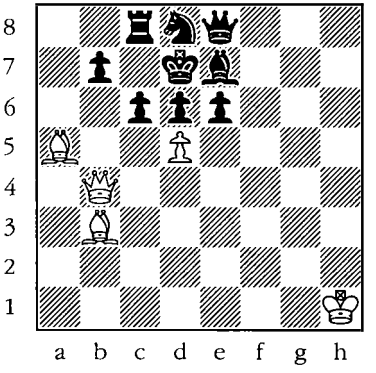

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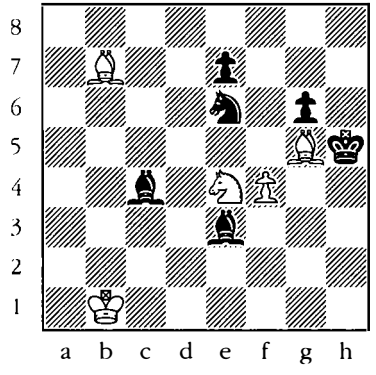

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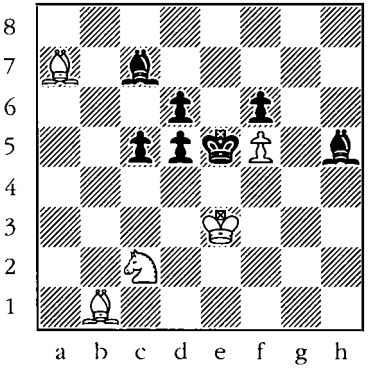
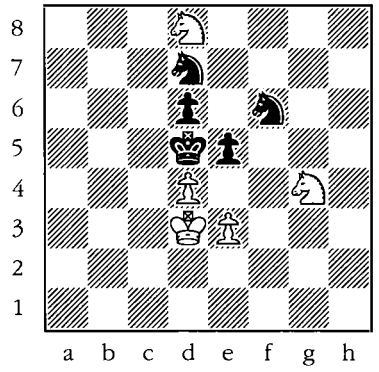


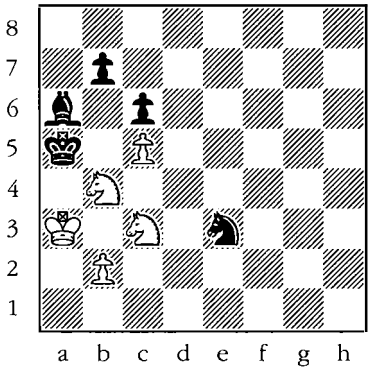
498

King + two knights + two pieces

White to move.



499



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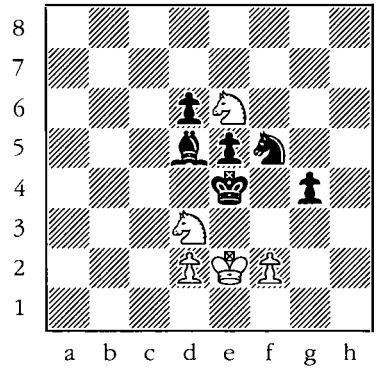

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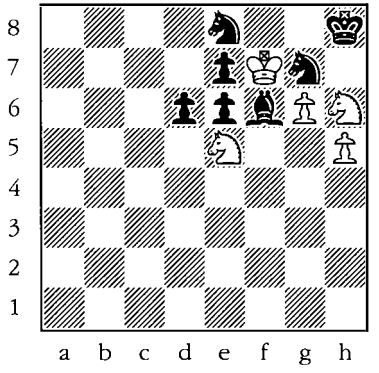

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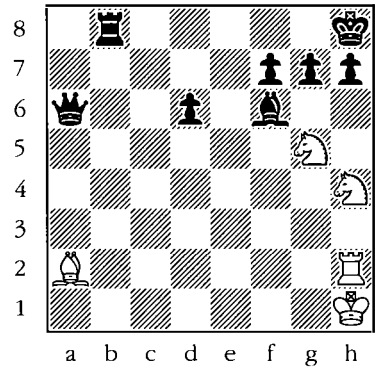
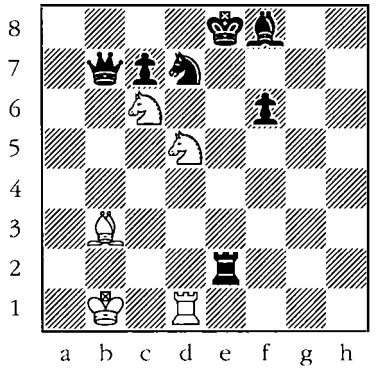


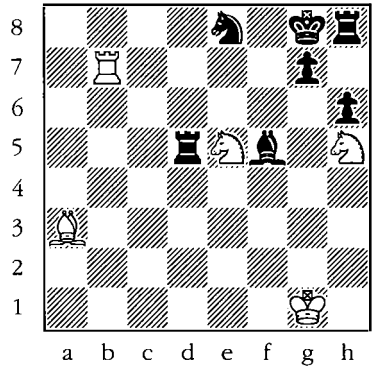
503



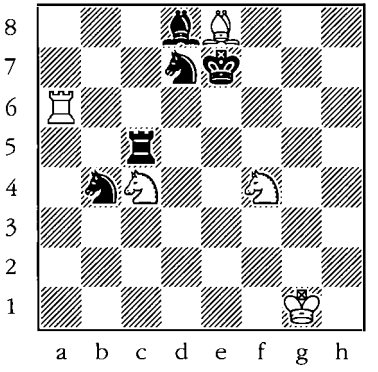
504

King + two knights + two pieces

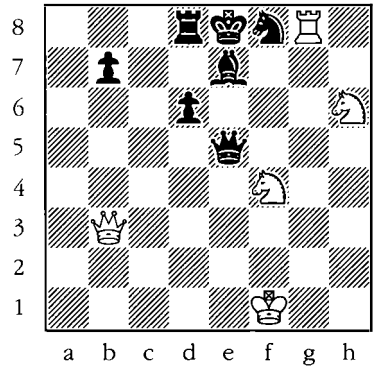
White to move.



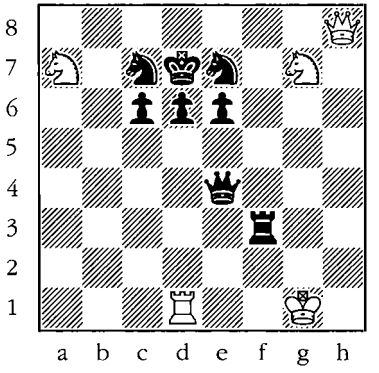
505



506



507



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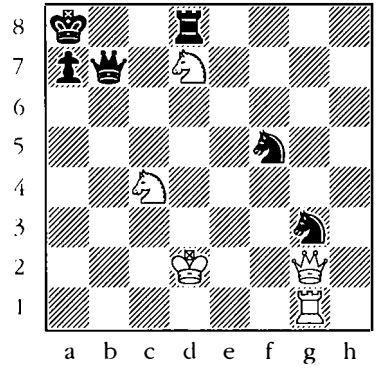
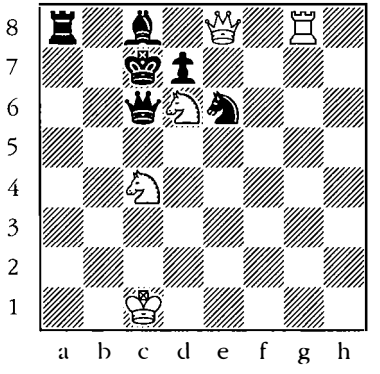


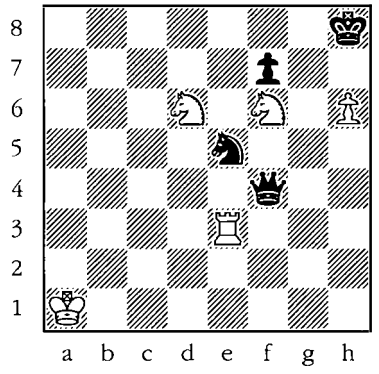
509



510

King + two knights + two pieces

White to move.



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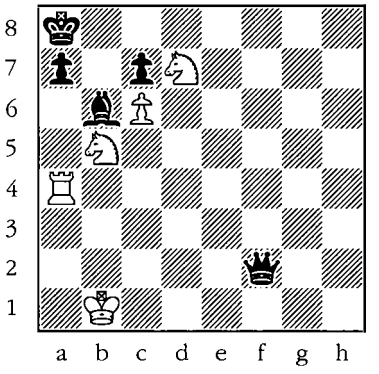

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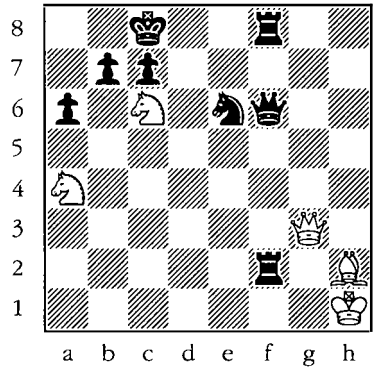

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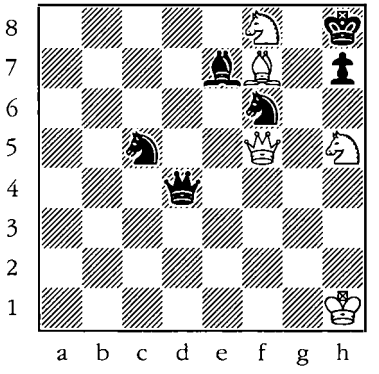
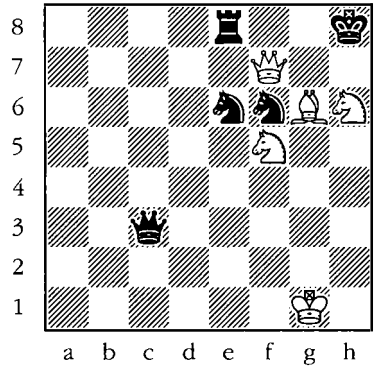


514



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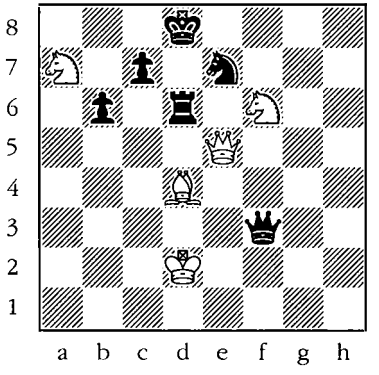
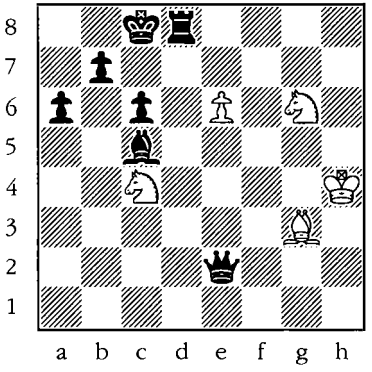


516

King + two knights + two pieces

White to move.



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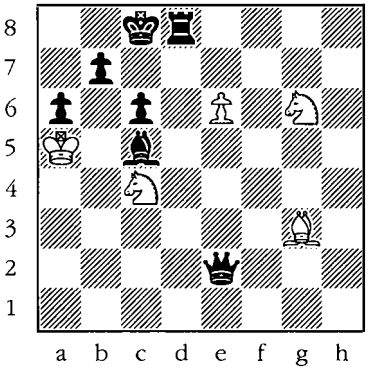

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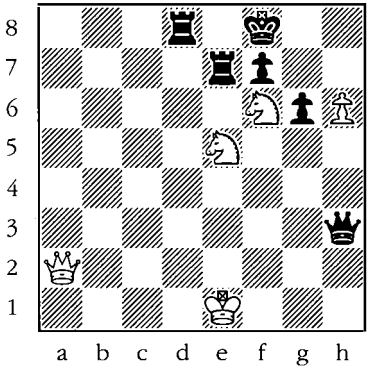

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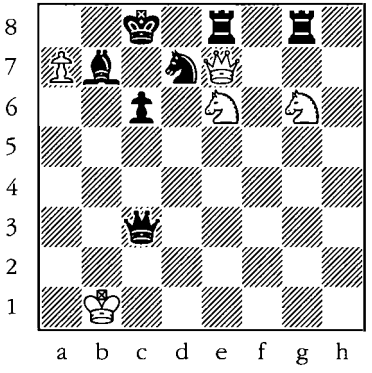

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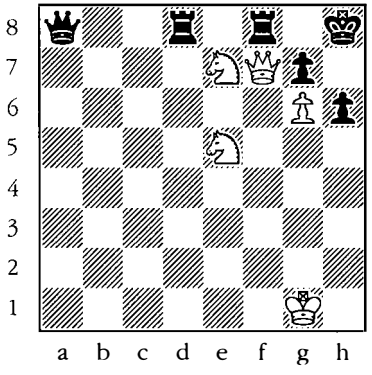

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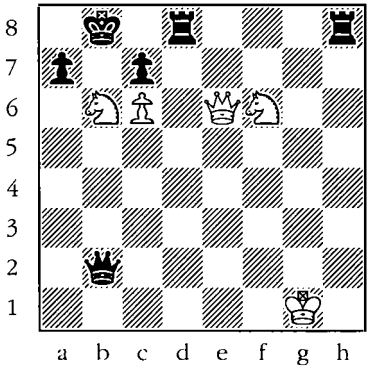
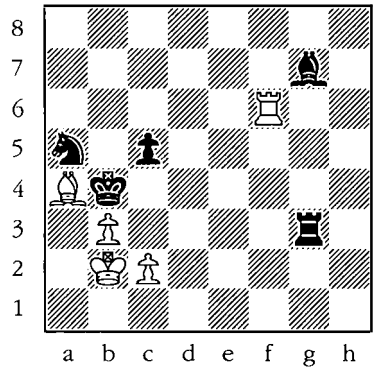


522

King + two pawns + two pieces

White to move.



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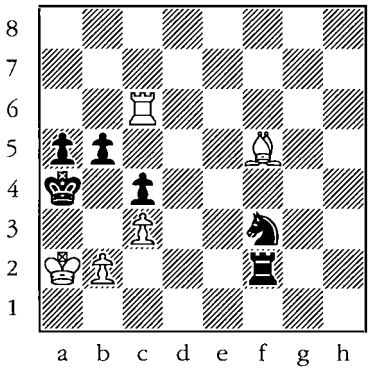

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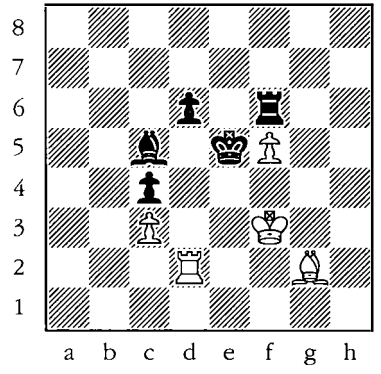

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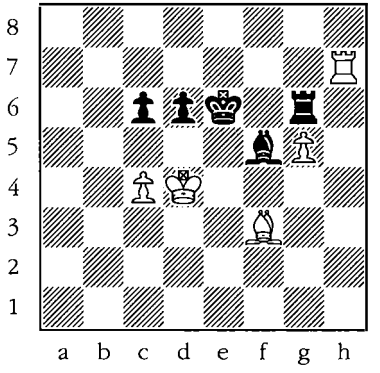

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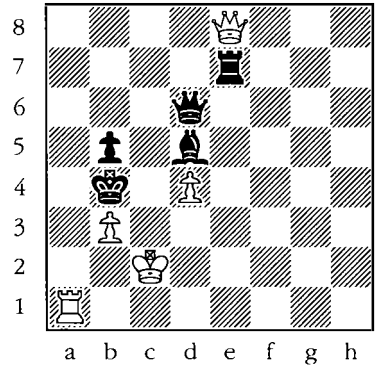

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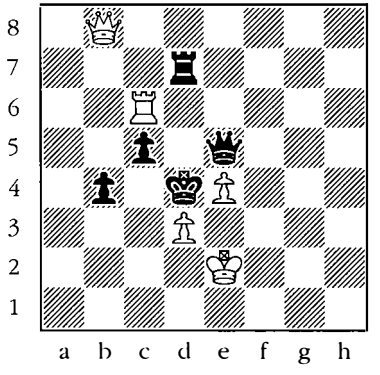
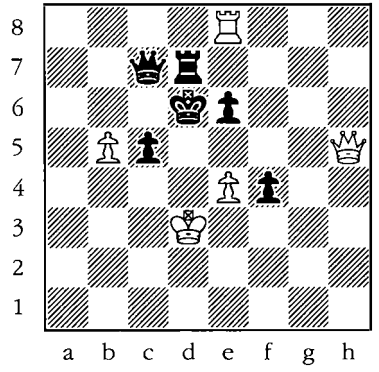


528

King + two pawns + two pieces

White to move.



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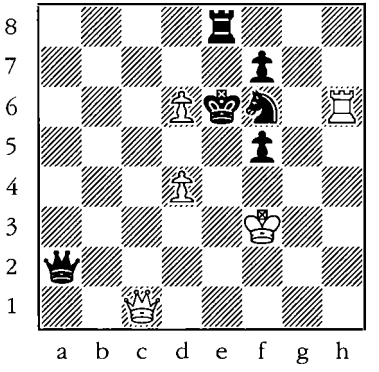

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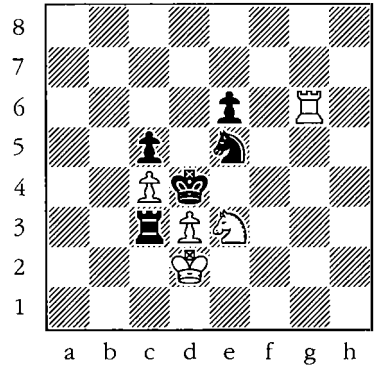

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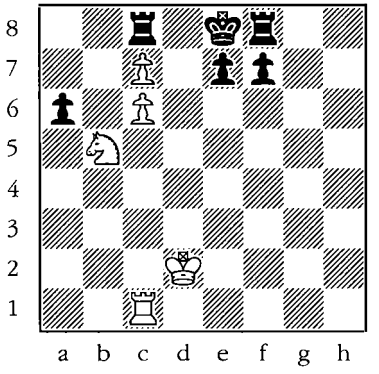

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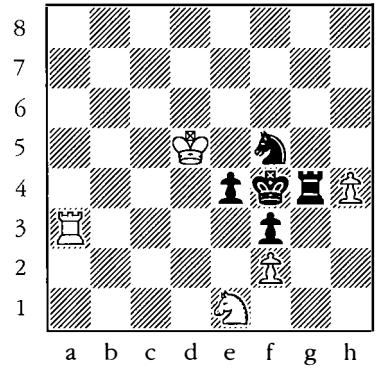

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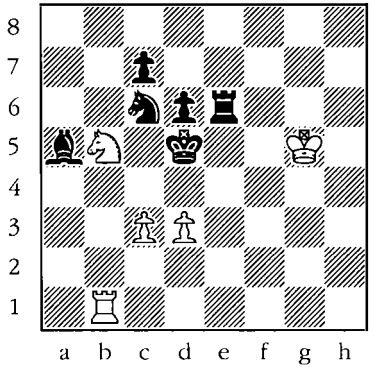
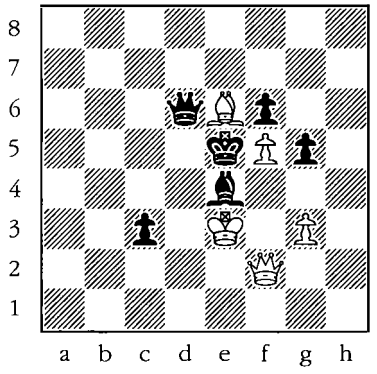


534

King + two pawns + two pieces

White to move.



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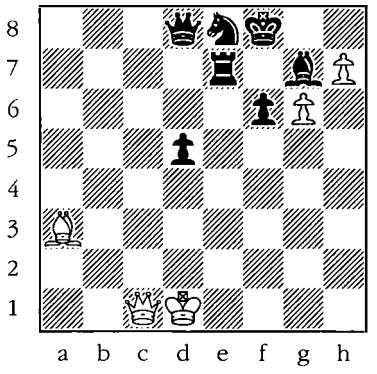

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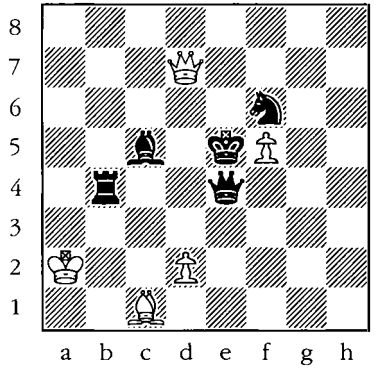

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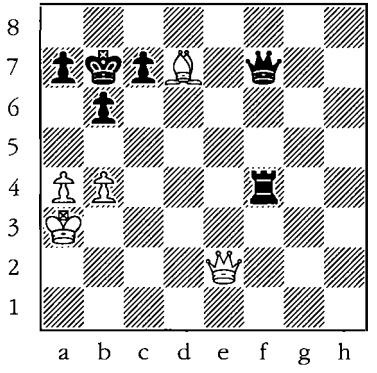

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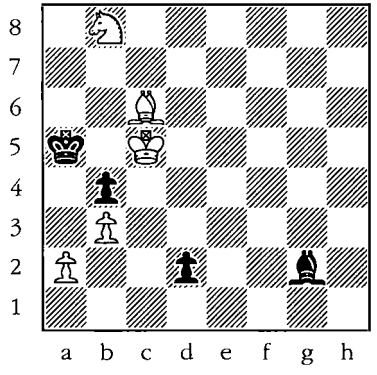

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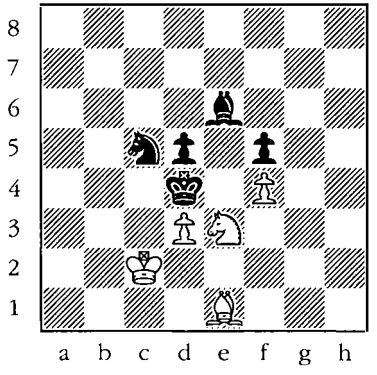
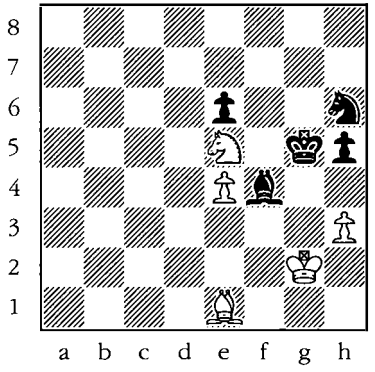


540

King + two pawns + two pieces

White to move.



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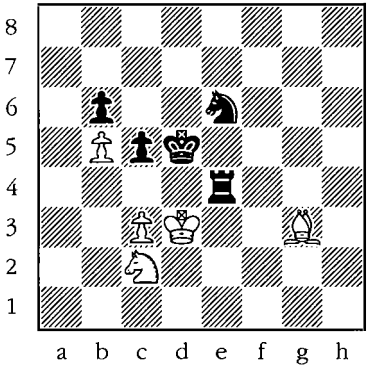

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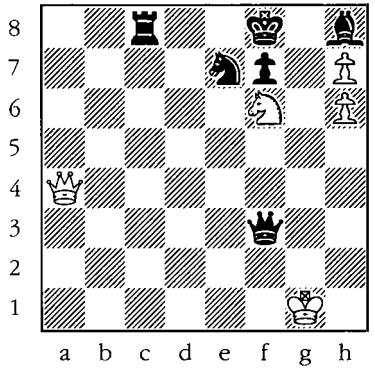

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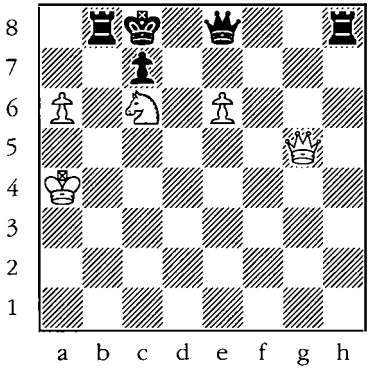

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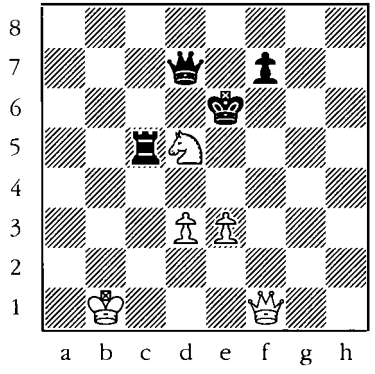

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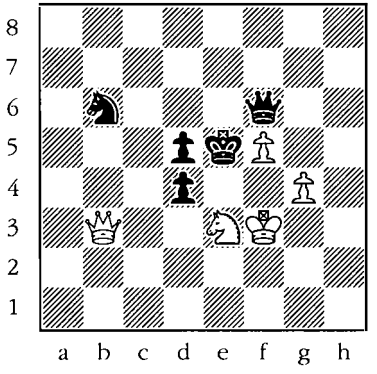
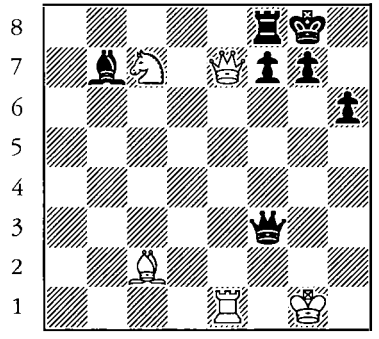


546

King + four different pieces

White to move.



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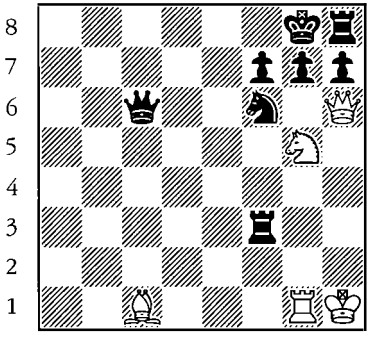

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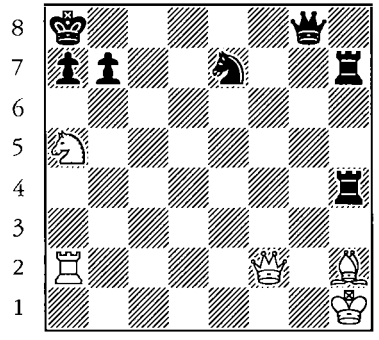

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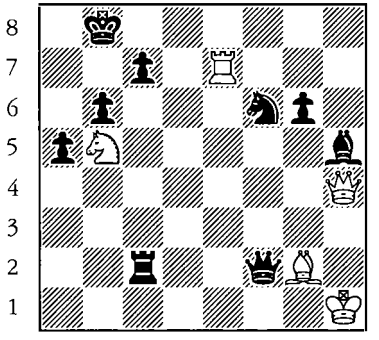

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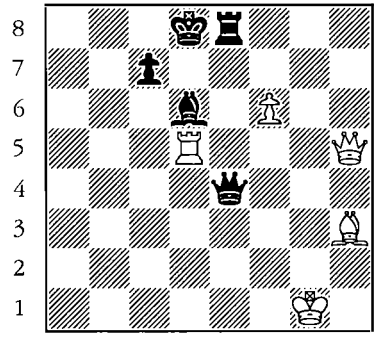

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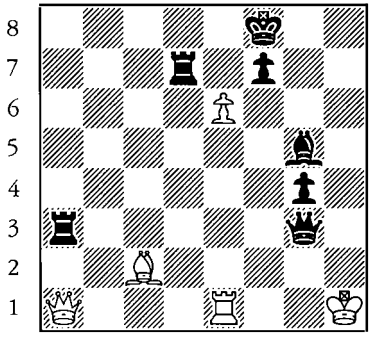
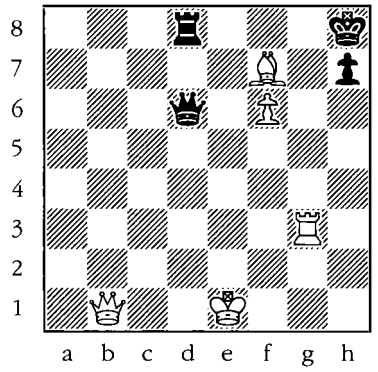


552

King + four different pieces

White to move.



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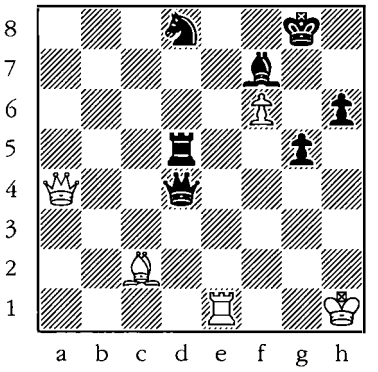

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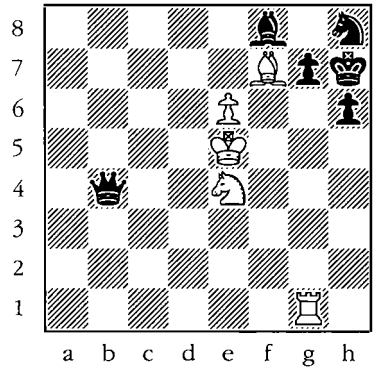

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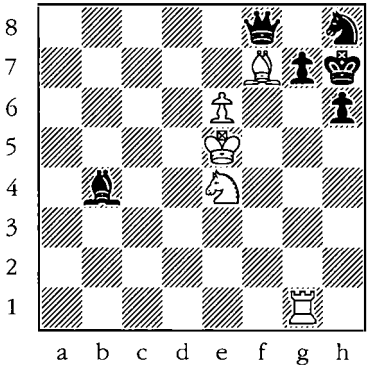

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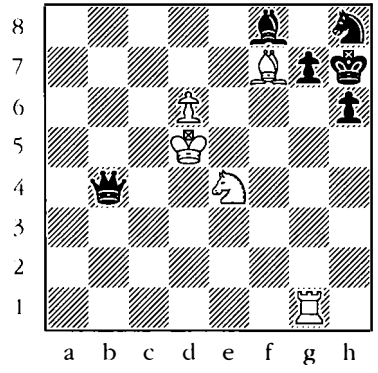

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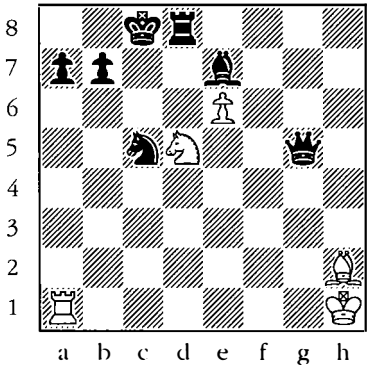
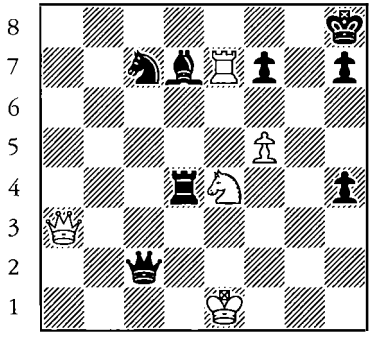


558

King + four different pieces

White to move.



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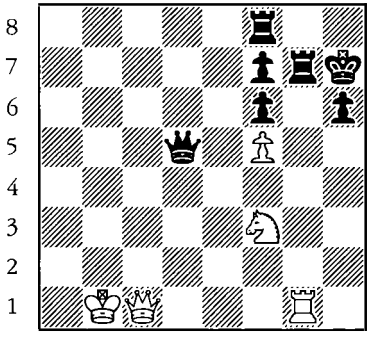

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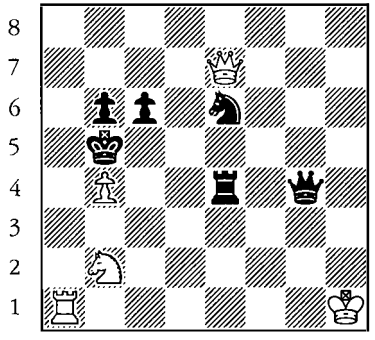

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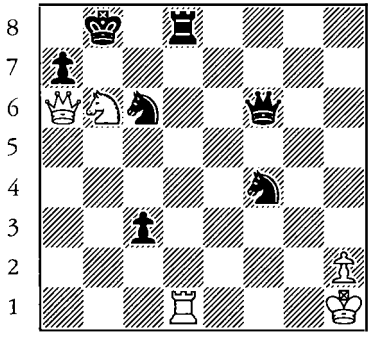

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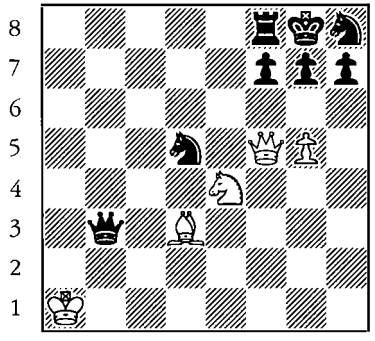

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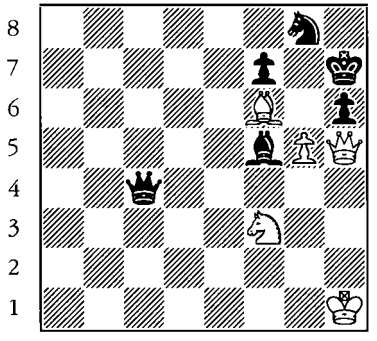
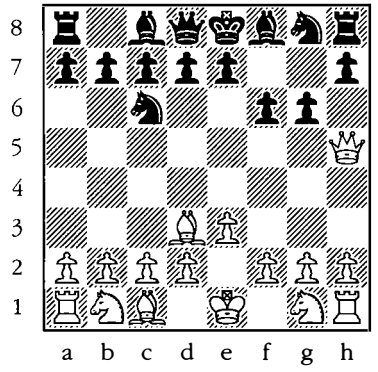


564

Win Quickly in the Opening

White to move.



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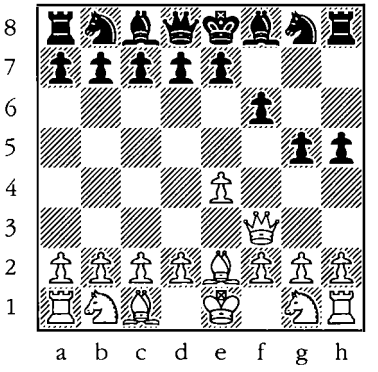

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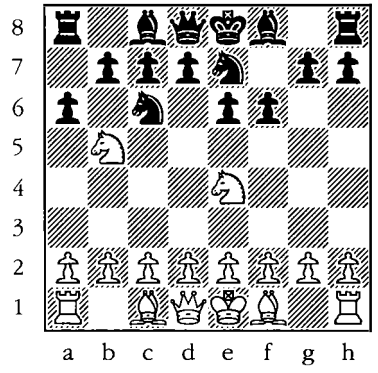

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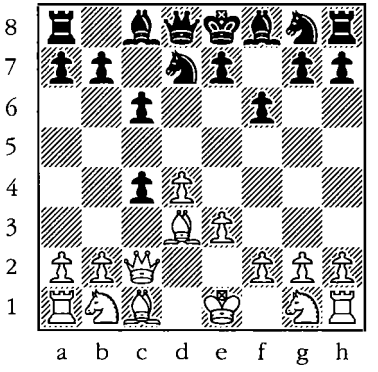
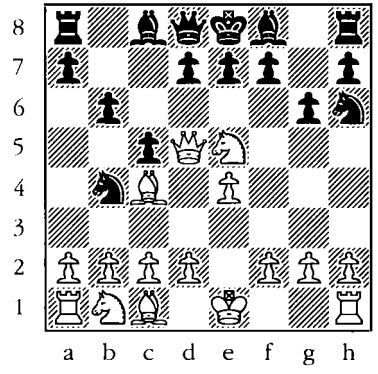


568



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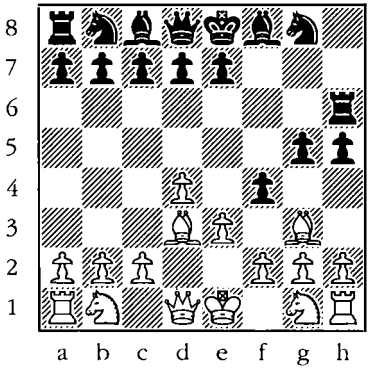
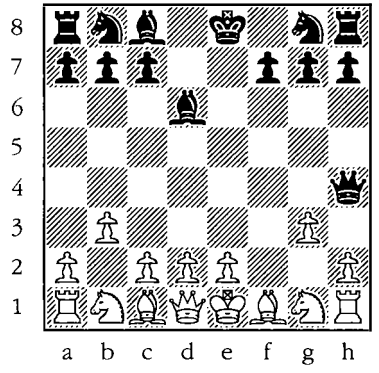


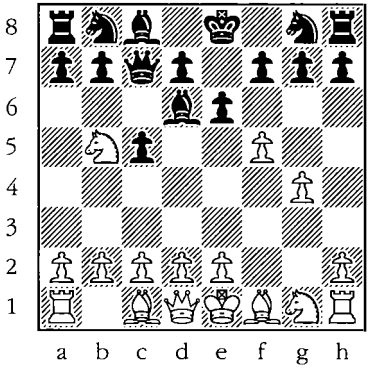
570

Win Quickly in the Opening

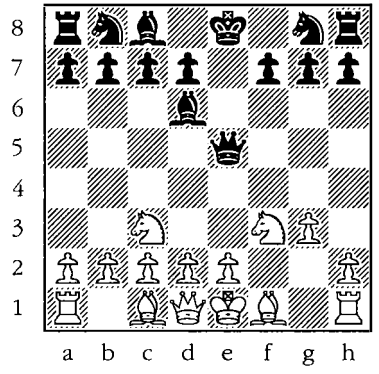
Black to move.



571



572



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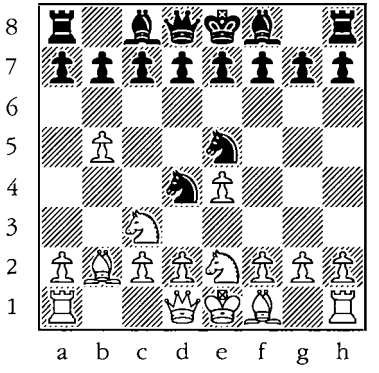

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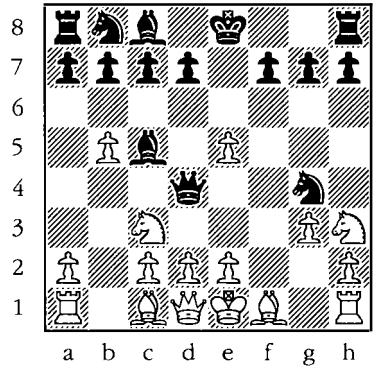

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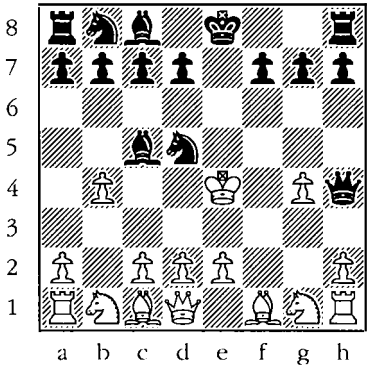
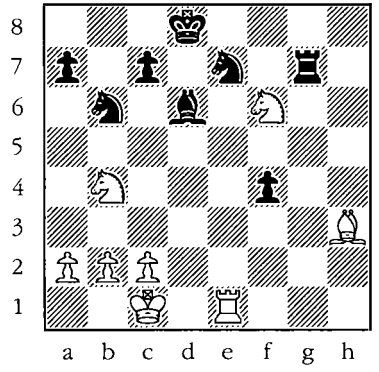


576

Practice

Combination

White to move.



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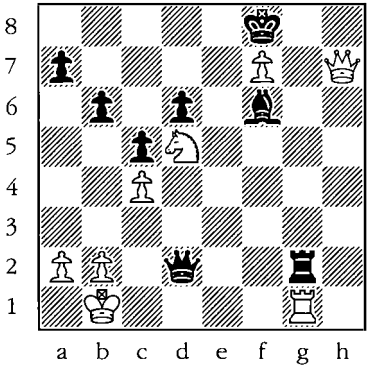

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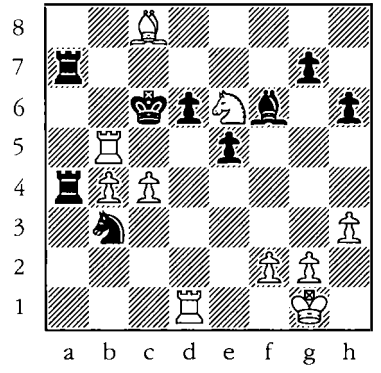

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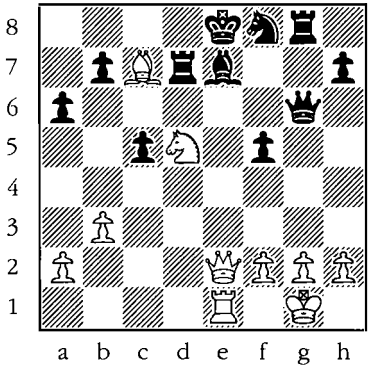

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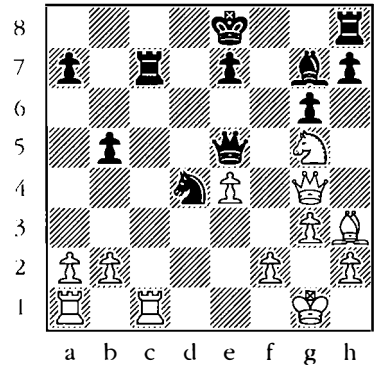

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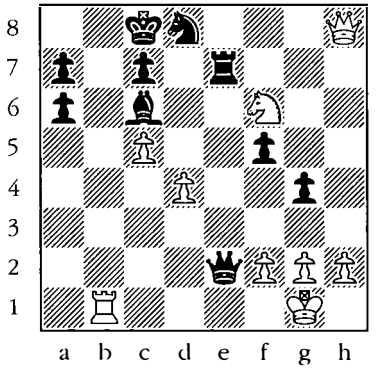
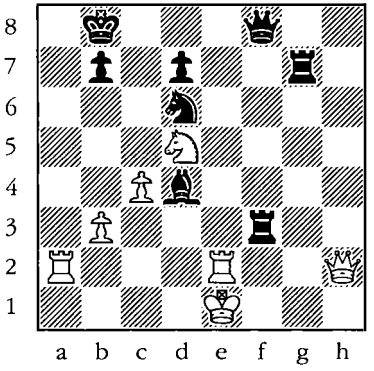


582

Combination

White to move.



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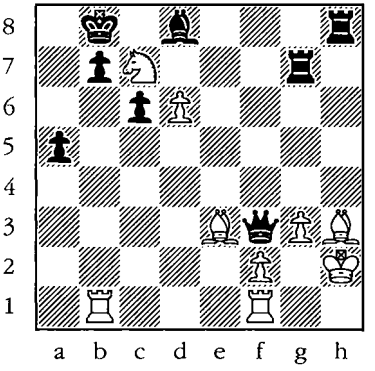

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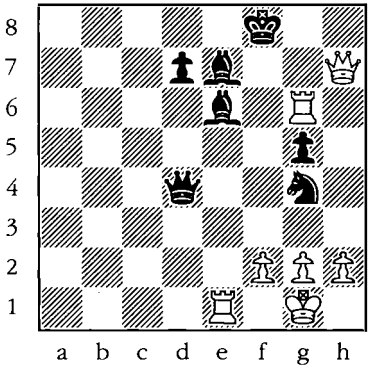

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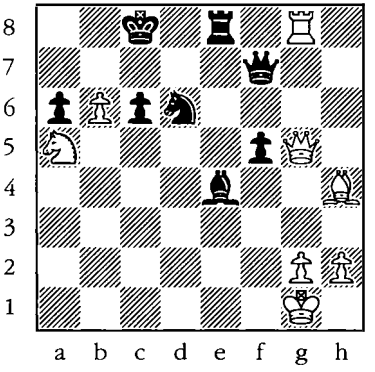

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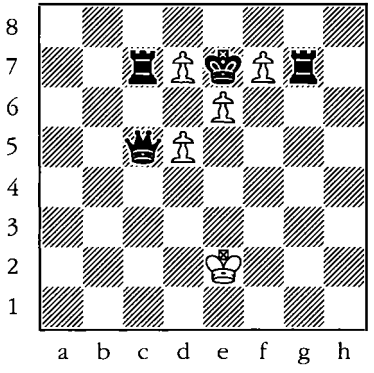

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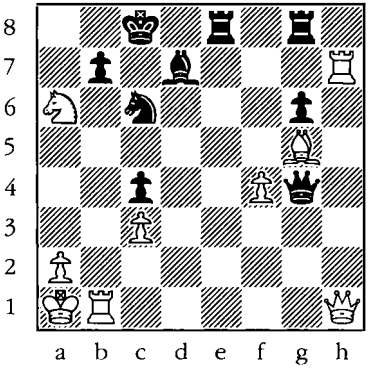
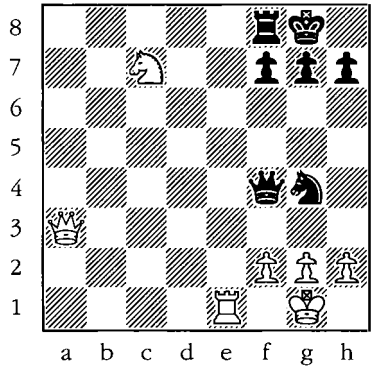


588

Combination

White to move.



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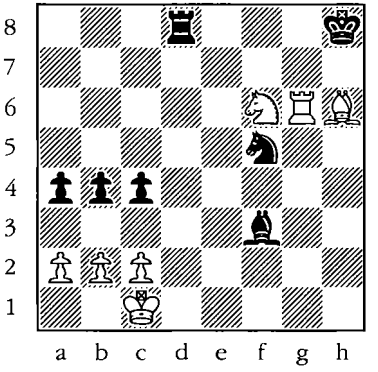

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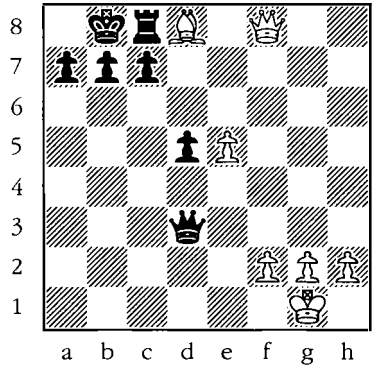

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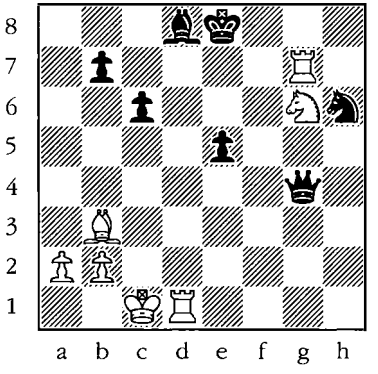

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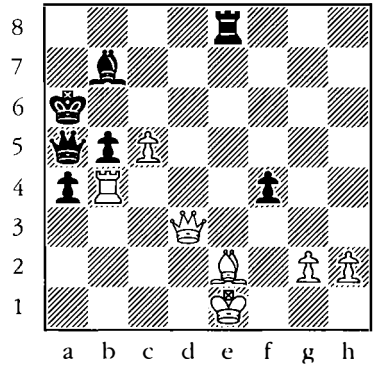

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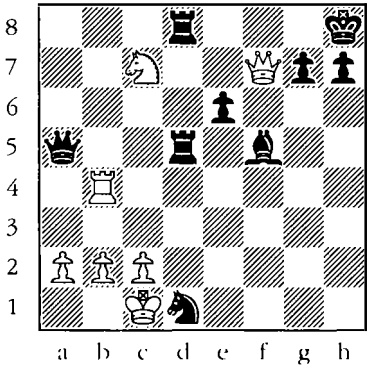
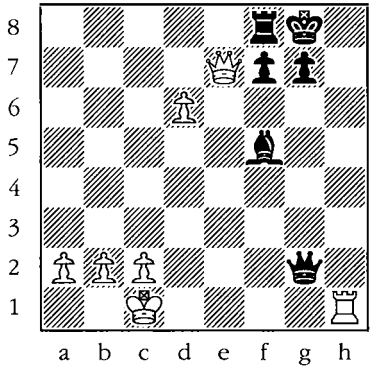


594

Combination

White to move.



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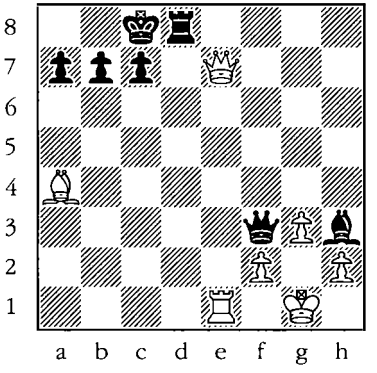

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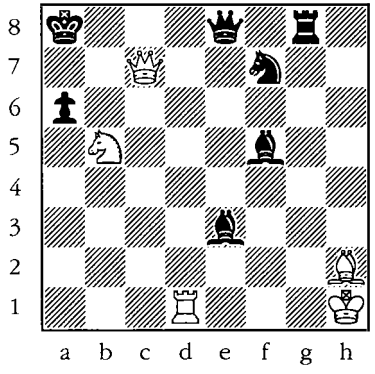

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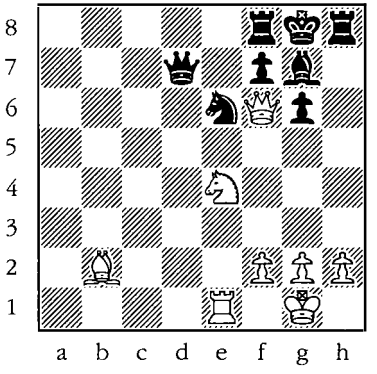

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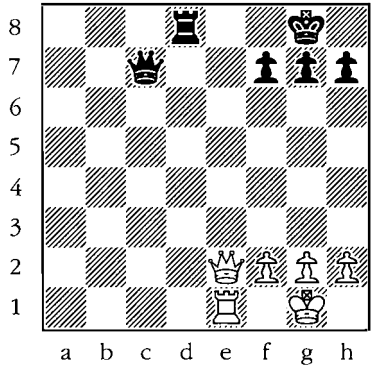

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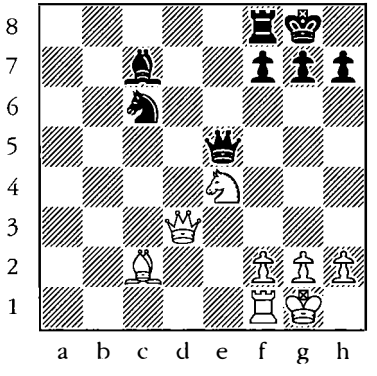
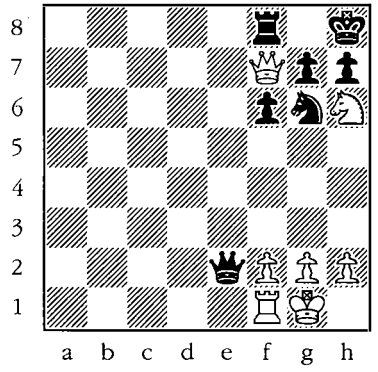


600

Combination

White to move.



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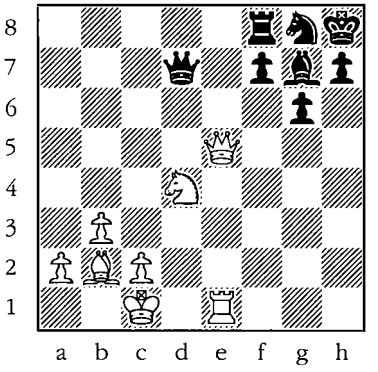

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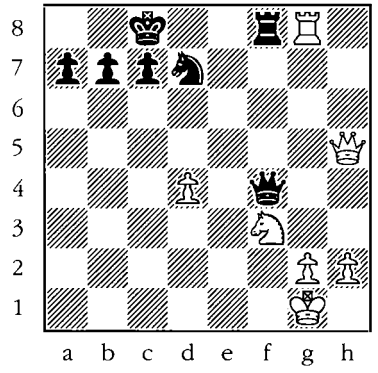

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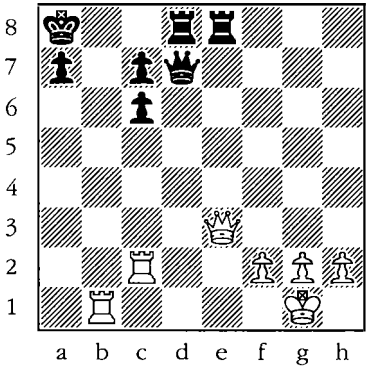

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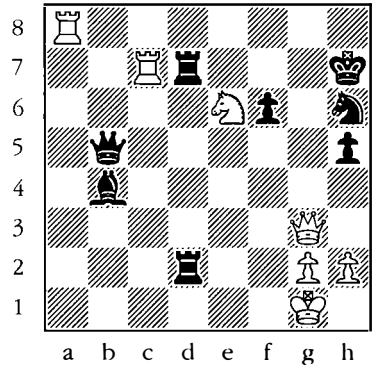

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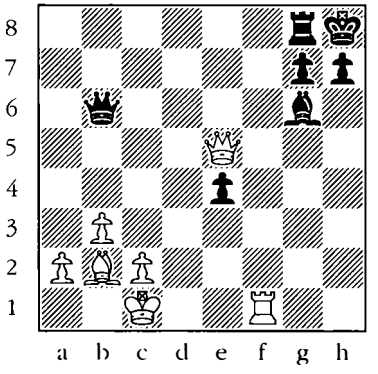
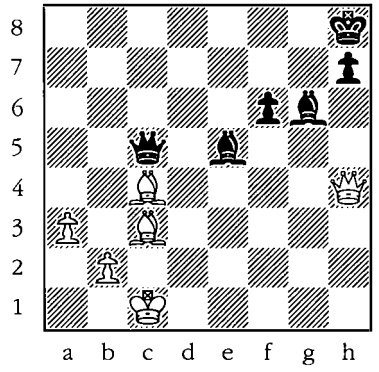


606

Combination

White to move.



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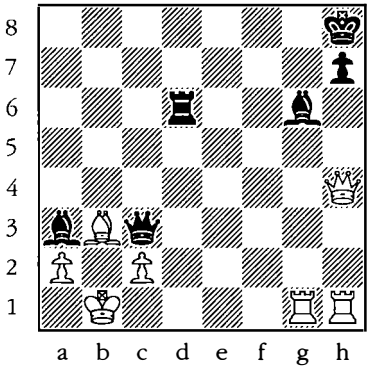

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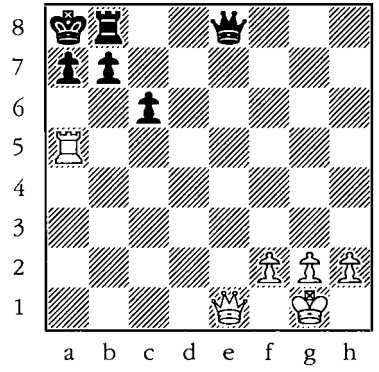

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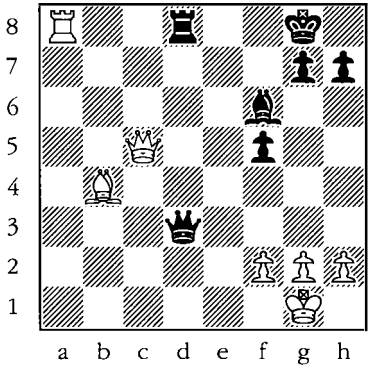

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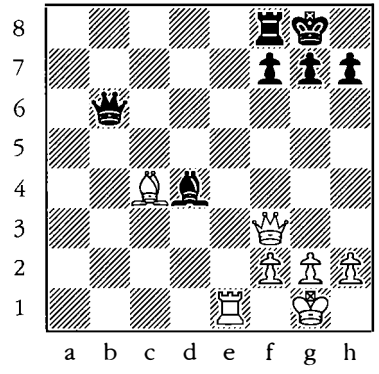

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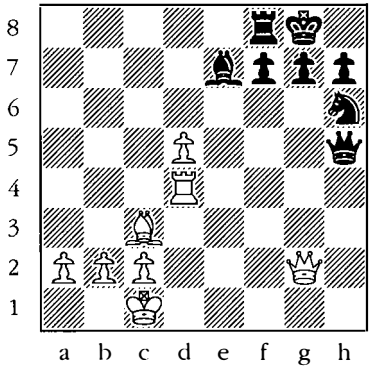
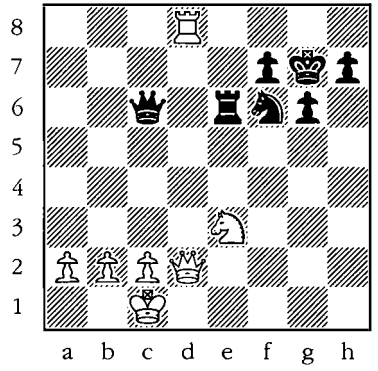


612

Combination

White to move.



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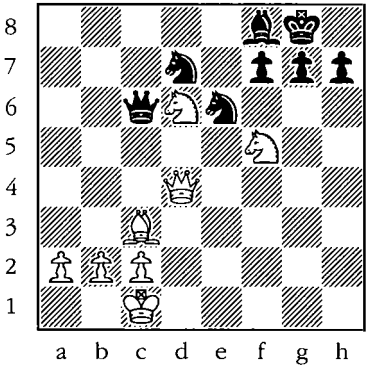

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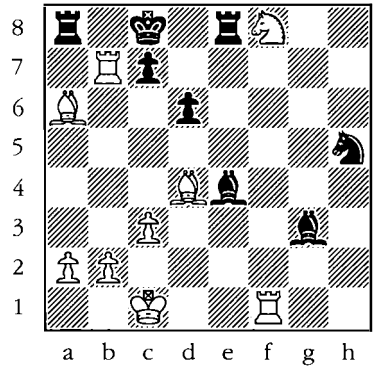

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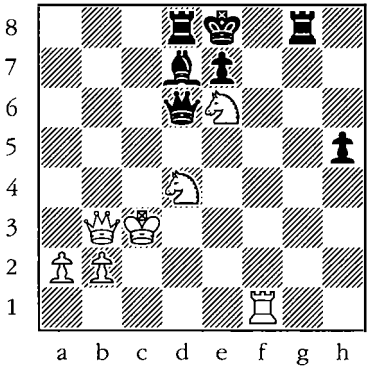

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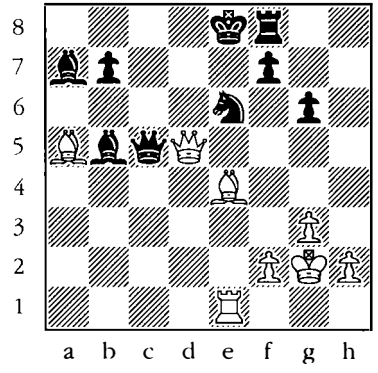

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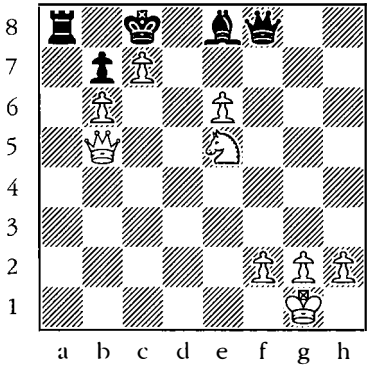
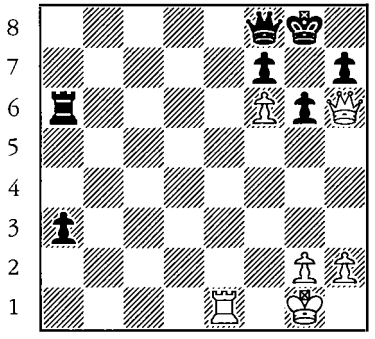


618

Combination

White to move.



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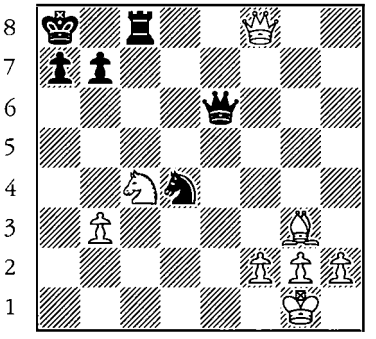

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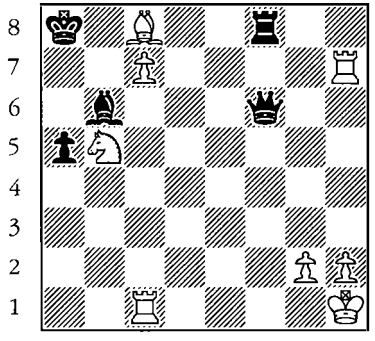

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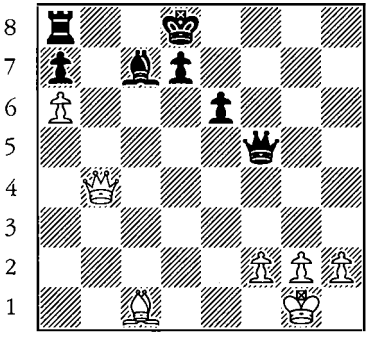
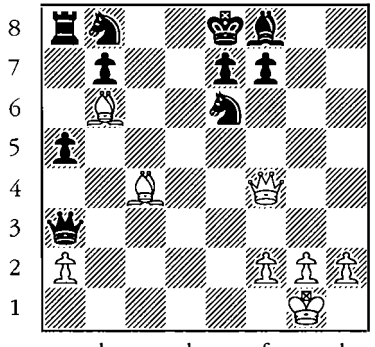
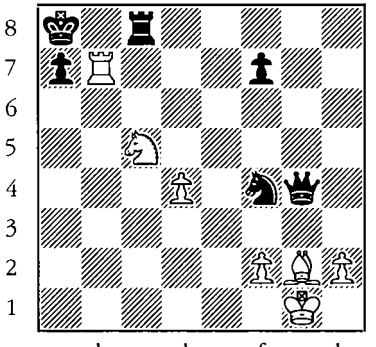


622



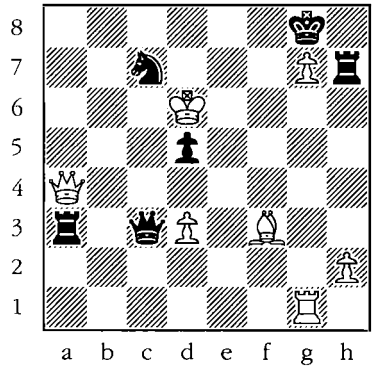
623



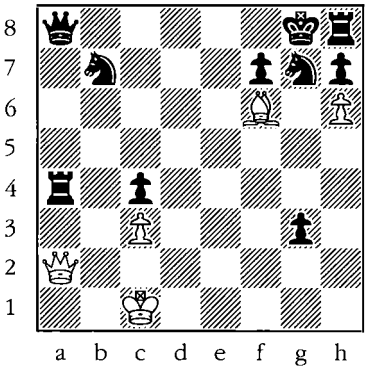
624

Combination

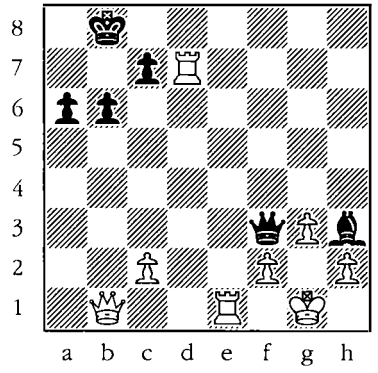
White to move.



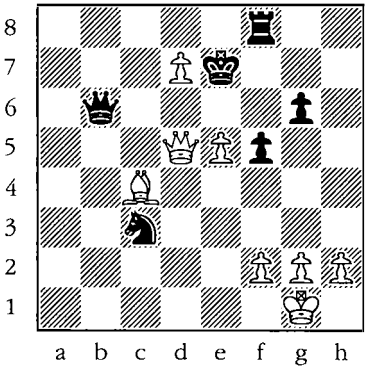
625



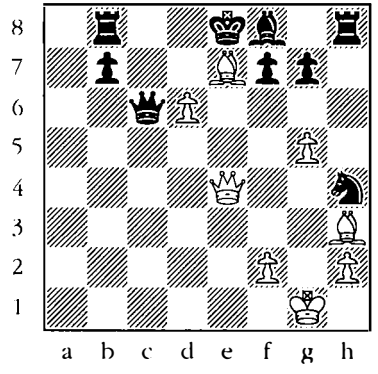
626



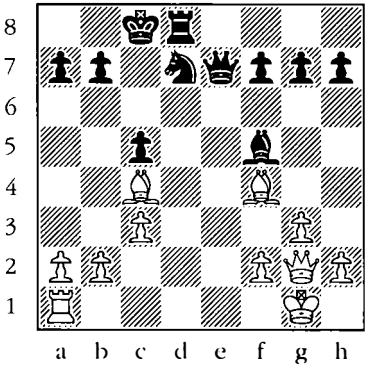
627



628



629



630

Solutions

Only the first move of the solution is given, although in some cases a small explanation follows.

1. 1. ♔b6.
2. 1. ♔c7.
3. 1. ♔b6.
4. 1. ♖g6.
5. 1. ♖g1.
6. 1. ♔c7.
7. 1...♔g3.
8. 1...♔b3.
9. 1...♔d3.
10. 1...♖d3.
11. 1...♔b3.
12. 1...♖d8.
13. 1. ♔c6.
14. 1. ♔c6.
15. 1. ♕b2.
16. 1. ♕a6.
17. 1. ♔e6.
18. 1. ♕e3.
19. 1...d2.
20. 1...h1♕+.
21. 1...♔b3.
22. 1...g1♕.
23. 1...f1♕+.
24. 1...f1♖ (but not 1... f1♕, stalemate).
25. 1. ♖d8+.
26. 1. ♖h1+.
27. 1. ♖h1.
28. 1. ♖b1.
29. 1. ♖h1.
30. 1. ♖e7.
31. 1...Bc3+.
32. 1...♔f2+.
33. 1...♗d4+.
34. 1...♗e8+.
35. 1...♗a3.
36. 1...♔c8.
37. 1. ♕a6+.
38. 1. ♕e5+.
39. 1. ♕g2+.
40. 1. ♕a1+.
41. 1. ♕g6+.
42. 1. ♕e7+.
43. 1...♘d8.
44. 1...♘g5.
45. 1...♘d3.
46. 1...♔c7.
47. 1...♘a6.
48. 1...♘b5.
49. 1. g7+.
50. 1. a3.
51. 1. b8♕+.
52. 1. g8♕+.
53. 1. b7.
54. 1. d8♕+.
55. 1. ♖h7+.
56. 1. ♖g2+.
57. 1. ♖a7+.
58. 1. ♖g2+.
59. 1. ♖g7+.
60. 1. ♖h6+.
61. 1...♖a2+.
62. 1...♖7g4+.
63. 1...♖2f4+.
64. 1...♔g3+.
65. 1...♔e1+ (but not 1...♔e3+, because of 2. ♔a(b)1 and now 2...♖d1 is impossible as the black rook is pinned by the white rook on a3).
66. 1...♖ha8.
67. 1. ♗e5+.
68. 1. ♗g7+.
69. 1. ♔b6+.
70. 1. ♗h5+.
71. 1. ♗h6+.
72. 1. ♔f3+.
73. 1...♗e3+.
74. 1...♗b2+.
75. 1...♗xg2+.
76. 1...♗f7+.
77. 1...♗e5+.
78. 1...♔f8+.
79. 1. ♘f6+.
80. 1. ♘c7+.
81. 1. ♘f6+.
82. 1. ♘d7+.
83. 1. ♘g7+.
84. 1. ♘b4+.
85. 1...b3.
86. 1...b6.
87. 1...g2.
88. 1...h1♕+.
89. 1...c2.
90. 1...c1♕+.
91. 1. ♖h1+.
92. 1. ♗d5+.
93. 1. ♗f6++.
94. 1. ♖h4.
95. 1. ♖c8++.
96. 1. ♗f7+.
97. 1...♖b6+.
98. 1...♕h2+.
99. 1...♖b6+.
100. 1...♕d3+.
101. 1...♖a3+.
102. 1...♕h1+.
103. 1. ♘e7+.
104. 1. ♘f6+.
105. 1. ♖e8+.
106. 1. ♖h5+.
107. 1. ♘c6++.
108. 1. ♘c6.
109. 1...♖b2.
110. 1...♖g4.
111. 1...♖h4+.
112. 1...b6+.
113. 1...♖h1+.
114. 1...♖f3.
115. 1. ♕c8+.
116. 1. ♕h6.
117. 1. ♕h7+.
118. 1. ♕xb6.
119. 1. ♕xf8+ (but not 1. ♕xh6+, since the queen is pinned by the f8-rook).
120. 1. ♕a6+.
121. 1...♘b3+.
122. 1...♗b2+.
123. 1...♘f1+.
124. 1...♘d3+.
125. 1...♗g3+.
126. 1...♘g2.
127. 1. h7+.
128. 1. f8♕+.
129. 1. e7+.
130. 1. c8♕+.
131. 1. ♗g5.
132. 1. c7+.
133. 1...♘f3+.
134. 1...♕h3+.
135. 1...♘b4.
136. 1...♘g4.
137. 1...♘a4.
138. 1...♘c4.
139. 1. ♕b7+.
140. 1. b6.
141. 1. f6.
142. 1. h6.
143. 1. ♕h1+.
144. 1. ♕h6.
145. 1...cxb2+.
146. 1...♘f3+.
147. 1...♘f5+.
148. 1...♘g2.

149. 1...g4.
150. 1...♘a6.
151. 1. ♕xf7+.
152. 1. ♗xf7+.
153. 1. ♘f6+.
154. 1. ♕xf7+.
155. 1. ♗xf7+.
156. 1. ♗xf7+.
157. 1...♗b4++.
158. 1...♕xc2+.
159. 1...♗g2+.
160. 1...♗xf2+.
161. 1...♕f2+.
162. 1...♘d4+.
163. 1. ♕d5+.
164. 1. ♕d5+.
165. 1. hxg5++.
166. 1. ♕f7+.
167. 1. ♕g5+.
168. 1. ♘d5+.
169. 1. ♗xg6+.
170. 1. ♖xf8+.
171. 1. ♗g5++.
172. 1. ♕h5.
173. 1. c7+.
174. 1. ♕f7+.
175. 1...♗xf2+.
176. 1...♘f3+.
177. 1...♗h2+.
178. 1...♗f3+.
179. 1...♘xc2+.
180. 1...♕d3+.
181. 1. ♕h5+.
182. 1. ♕h5+.
183. 1. ♘c6+.
184. 1. f7+.
185. 1. ♗xg6+.
186. 1. hxg5+.
187. 1. ♖xh7+.
188. 1. ♖xa3+.
189. 1. ♖h8+.
190. 1. ♖xd7+.
191. 1. ♖f7+.
192. 1. ♖gg6.
193. 1. ♖h8+.
194. 1. ♖h3+.
195. 1. ♖e8+.
196. 1. ♖b4+.
197. 1. ♖a4+.
198. 1. ♖1g4+.
199. 1. ♖xg4+.
200. 1. ♖xb8+.
201. 1. ♖xh5+.
202. 1. ♖xb8+.
203. 1. ♖xc8+.
204. 1. ♖xa4+.
205. 1. ♗h2.
206. 1. ♔c7.
207. 1. ♔f2.
208. 1. ♔f8.
209. 1. ♔c6.
210. 1. ♗d5.
211. 1. ♘e6.
212. 1. ♔f2.
213. 1. ♘g2+.
214. 1. ♔c8.
215. 1. ♔f8.
216. 1. ♘h3.
217. 1. f7.
218. 1. g7+.
219. 1. h8♕(♖)+.
220. 1. e8♕(♖)+.
221. c7.
222. 1. e8♕.
223. 1. h8♕(♖)+.
224. 1. e7.
225. 1. e7.
226. 1. ♔d6.
227. 1. c7.
228. 1. h8♘.
229. 1. ♗c7+.
230. 1. ♗d4+.
231. 1. ♔g6.
232. 1. ♖xe4.
233. 1. ♖h6.
234. 1. ♗g3+.
235. 1. ♗xg6.
236. 1. ♔f7+.
237. 1. ♖a4.
238. 1. ♖c5.
239. 1. ♗a6.
240. 1. ♖h3.
241. 1. ♖xa6+.
242. 1. ♖xa6+.
243. 1. ♕h6+.
244. 1. ♕f8+.
245. 1. ♕xb4+.
246. 1. ♖xb6+.
247. 1. ♖e8+.
248. 1. ♖xa6+.
249. 1. ♖e8+.
250. 1. ♖xa7+.
251. 1. ♖xe7+.
252. 1. ♖f8+.
253. 1. ♖b8+.
254. 1. ♖h4+.
255. 1. ♘b6+.
256. 1. ♖xg7+.
257. 1. ♖e7+.
258. 1. ♘b7+.
259. 1. ♖h7+.
260. 1. fxg6.
261. 1. ♖h8+.
262. 1. g4+.
263. 1. g8♕(♗)+.
264. 1. a8♕(♖)+.
265. 1. ♕h6+.
266. 1. ♗a6+.
267. 1. ♕xa6+.
268. 1. ♕xd6+.
269. 1. ♕f3+.
270. 1. ♕d3+.
271. 1. ♘g6+.
272. 1. ♔c8.
273. 1. ♘h6.
274. 1. ♘h3.
275. 1. ♘b3+.
276. 1. ♗a6.
277. 1. b4+.
278. 1. ♗c6+.
279. 1. h6.
280. 1. ♗g3+.
281. 1. c6.
282. 1. f7+.
283. 1. ♕b8+.
284. 1. ♕g8+.
285. 1. ♕b7+.
286. 1. ♕f8+.
287. 1. ♘g6+.
288. 1. ♕b8+.
289. 1. ♘b6+.
290. 1. ♘h6+.
291. 1. ♘b6+.
292. 1. ♕xg5+.
293. 1. ♘c6.
294. 1. ♕xh7+.
295. 1. g4+.
296. 1. b5+.
297. 1. ♕b3+.
298. 1. g6.
299. 1. f7+.
300. 1. c7+.
301. 1. b7+.
302. 1. ♘b4.
303. 1. g6.
304. 1. ♘b3.
305. 1. ♘f5+.
306. 1. ♘c6+.
307. 1. ♕xg6+.
308. 1. ♕g6.
309. 1. ♗xg6.
310. 1. ♗h5+.
311. 1. ♕(♗)xg6+.
312. 1. ♕g6+.

313. 1...♔f4.
314. 1...♔h6.
315. 1...c5+.
316. 1...b2.
317. 1... g1♕(♖)+.
318. 1... f1♕+.
319. 1. ♖e8+.
320. 1. ♖g8+.
321. 1. ♖xa6+.
322. 1. ♖xb7+.
323. 1. ♕xa7+.
324. 1. ♕f8+.
325. 1. ♕a5+.
326. 1. ♕h8+.
327. 1. ♖a8+.
328. 1. ♖f8+.
329. 1. ♖a7+.
330. 1. ♖xh7+.
331. 1. ♕xa6+.
332. 1. ♖xg7.
333. 1. ♖xc8+.
334. 1. ♖xa6+.
335. 1. ♖h5+.
336. 1. ♖a3+.
337. 1. ♗d6+.
338. 1. ♖a6+.
339. 1. ♕e6+.
340. 1. ♗e5+.
341. 1. ♕xc6+.
342. 1. ♗b8.
343. 1. ♖xe7+.
344. 1. ♘b6+.
345. 1. ♖g8+.
346. 1. ♖b7+.
347. 1. ♘f6+.
348. 1. ♘e6+.
349. 1. ♕a7+.
350. 1. ♕f6+.
351. 1. ♕g7+.
352. 1. ♕xa7+.
353. 1. ♕b8+.
354. 1. ♕xc7+.
355. 1. ♕xb6+.
356. 1. ♕xa5+.
357. 1. ♕a7+.
358. 1. ♖xa7+.
359. 1. ♕xa7+.
360. 1. ♕a8+.
361. 1. ♕h8+.
362. 1. ♕xf8+.
363. 1. ♕xf7+.
364. 1. ♕h8+.
365. 1. ♕xc7+.
366. 1. ♕xh7+.
367. 1. ♕xb7+.
368. 1. ♖d8+.
369. 1. ♘c6+ (but not 1. ♖d8+ ♕xd8+).
370. 1. ♖d8+ (not 1. ♘c6+ ♕xc6+).
371. 1. ♘b6+.
372. 1. ♗e6+.
373. 1. ♘f6+.
374. 1. ♖b7+.
375. 1. ♕xh7+.
376. 1. ♕g8+.
377. 1. ♕b8+.
378. 1. ♕a8+.
379. 1. ♕xa6+.
380. 1. ♖xa6+.
381. 1. ♕b8+.
382. 1. ♕c8+.
383. 1. ♕xh6+.
384. 1. ♘f7+.
385. 1. ♕xc8+.
386. 1. ♕a1+.
387. 1. ♕c6.
388. 1. ♕b6+.
389. 1. ♕a5+.
390. 1. ♕d1+.
391. 1. ♖f8.
392. 1. ♖h5+.
393. 1. ♕d8+.
394. 1. ♕xa5+.
395. 1. ♖b8+.
396. 1. f8♕(♖)+.
397. 1. ♕b8+.
398. 1. ♕xb5+.
399. 1. ♗xb7.
400. 1. ♕xa6.
401. 1. ♕xf8+.
402. 1. ♕xc7+.
403. 1. ♕h5+.
404. 1. ♗g8.
405. 1. ♕d8+.
406. 1. ♕b5+.
407. 1. ♕xh6+.
408. 1. ♕c8+.
409. 1. ♗xa6+.
410. 1. ♕xb5+.
411. 1. ♕c7+.
412. 1. ♕c6+.
413. 1. ♕xf3+.
414. 1. ♕g7+.
415. 1. g4.
416. 1. f4+.
417. 1. g7.
418. 1. ♔a3.
419. 1. ♔a3.
420. 1. c3.
421. 1. e4+.
422. 1. ♖c5+.
423. 1. ♖xa4+.
424. 1. ♖d7.
425. 1. c4+.
426. 1. c4.
427. 1. ♗e3+.
428. 1. f5.
429. 1. ♕d1+.
430. 1. ♕d4+.
431. 1. d4+.
432. 1. e7+.
433. 1. ♖g8+.
434. 1. ♖d8+.
435. 1. ♖e8+.
436. 1. ♖xa6+.
437. 1. ♖f6+.
438. 1. ♖g7+.
439. 1. ♖xb6+.
440. 1. ♖xh7+.
441. 1. ♖f4+.
442. 1. ♖xd4+.
443. 1. ♖4xd5+.
444. 1. ♖e6+.
445. 1. ♕xa6+.
446. 1. ♕xg7+.
447. 1. ♕xc7+.
448. 1. ♕c8+.
449 1. ♕xe7+.
450. 1. ♖xe7+.
451. 1. ♘f6+.
452. 1. ♗d7+.
453. 1. ♘xf7+.
454. 1. ♖c8+.
455. 1. ♖xd8+.
456. 1. ♖xe8+.
457. 1. ♖a6+.
458. 1. ♖xh7+.
459. 1. ♖xa7+.
460. 1. ♖h8+.
461. 1. ♖e8+.
462. 1. ♕xe6+.
463. 1. ♕f8+.
464. 1. ♕xc7+.
465. 1. ♖xg7+.
466. 1. ♕f8+.
467. 1. ♘g5+.
468. 1. ♖xh7+.
469. 1. ♘xh6+.
470. 1. ♗h3.
471. 1. ♘xc7+.
472. 1. ♘a6.
473. 1. f4+.
474. 1. b4+.
475. 1. ♗c4+.
476. 1. f4+.

477. 1. ♕xc6+.
478. 1. ♖xa7+.
479. 1. ♖xa4+.
480. 1. ♕xb6+.
481. 1. ♘f2+.
482. 1. ♖e8+.
483. 1. ♖xh5.
484. 1. ♘f6+.
485. 1. ♖xh5+.
486. 1. ♗xb6+.
487. 1. ♖b8+.
488. 1. ♖a7+.
489. 1. ♕xe6+.
490. 1. ♕c6+.
491. 1. ♕xg6+.
492. 1. ♕xe6+.
493. 1. ♗c6 (but not 1. ♕xa6+ bxa6 2. ♗c6+ ♔a7).
494. 1. ♗xb5+.
495. 1. ♕xc6+.
496. 1. ♕xb7+.
497. 1. ♘f6+.
498. 1. ♘d4.
499. 1. e4+.
500. 1. ♘xc6+.
501. 1. ♘c5+.
502. 1. ♔f8.
503. 1. ♘g6+.
504. 1. ♘xf6+.
505. 1. ♖xg7+.
506. 1. ♘g6+.
507. 1. ♖xf8+.
508. 1. ♕d8+.
509. 1. ♘cb6+.
510. 1. ♕xc8+.
511. 1. ♘xf7+.
512 1. ♖xa7+.
513. 1. ♕xc7+.
514. 1. ♕xh7+.
515. 1. ♕g8+.
516. 1. ♕xd6+.
517. 1. ♘b6+.
518. 1. ♘e7+.
519. 1. ♕xf7+.
520. 1. ♕d8+.
521. 1. ♕g8+.
522. 1. ♕c8+.
523. 1. c3+ (1. ♖b6 is not possible yet, since Black's bishop pins the rook).
524. 1. ♖xc4+.
525. 1. ♖d5+.
526. 1. ♗d5+.
527. 1. ♖a4+.
528. 1. ♕xb4+.
529. 1. ♕d5+.
530. 1. ♖xf6+.
531. 1. ♘f5+.
532. 1. ♘d6+.
533. 1. ♖xf3+.
534. 1. ♘xc7+.
535. 1. ♕f4+.
536. 1. ♕h6.
537. 1. d4+.
538. 1. ♕a6+.
539. 1. a3.
540. 1. ♘xf5+.
541. 1. ♗h4+.
542. 1. c4+.
543. 1. ♕e8+.
544. 1. ♕d8+.
545. 1. ♕f6+.
546. 1. ♕xd5+.
547. 1. ♕xf8+.
548. 1. ♕xg7+.
549. 1. ♕xa7+.
550. 1. ♖e8+.
551. 1. ♖xd6+.
552. 1. e7+.
553. 1. ♕xh7+.
554. 1. ♖e8+.
555. 1. ♗g8+ (but not 1. ♘g5+ hxg5 2. ♖h1+ ♕h4).
556. 1. ♘g5+.
557. 1. ♘f6+.
558. 1. ♘b6+.
559. 1. ♖e8+.
560. 1. ♕xh6+.
561. 1. ♖a5+.
562. 1. ♖d7.
563. 1. ♕xh7+.
564. 1. g6+.
565. 1. ♕(♗)xg6+.
566. 1. ♕xh5+.
567. 1. ♘b(e)d6+.
568. 1. ♗g6+.
569. 1. ♕xf7+.
570. 1. ♕xh5+.
571. 1...♕(♗)xg3+.
572. 1...♗g3+.
573. 1...♕xg3+.
574. 1...♘d(e)f3+.
575. 1...♕f2+.
576. 1...♕xg4+.
577. 1. ♘c6+.
578. 1. ♕g8+.
579. 1. ♖b6+.
580. 1. ♕xe7+.
581. 1. ♕c8+.
582. 1. ♕xd8+.
583. 1. ♕xd6+.
584. 1. ♖xb7+.
585. 1. ♖g8+.
586. 1. ♕d8+.
587. 1. f8♕+.
588. 1. ♕xc6+.
589. 1. ♕xf8+.
590. 1. ♗g7+.
591. 1. ♗xc7+.
592. 1. ♗f7+.
593. 1. ♕xb5+.
594. 1. ♘e8.
595. 1. ♕xf8+.
596. 1. ♕xd8+.
597. 1. ♖d8+.
598. 1. ♕xg7+.
599. 1. ♕e8+.
600. 1. ♘f6+.
601. 1. ♕g8+.
602. 1. ♕xg7+.
603. 1. ♕e8+.
604. 1. ♕xa7+.
605. 1. ♕g7+.
606. 1. ♕xg7+.
607. 1. ♕xf6+.
608. 1. ♕xh7+.
609. 1. ♖xa7+.
610. 1. ♕f8+.
611. 1. ♕xf7+.
612. 1. ♕xg7+.
613. 1. ♘f5+.
614. 1. ♘h6+.
615. 1. ♖b8++.
616. 1. ♖f8+ (but not 1. ♘c7+ ♕xc7+).
617. 1. ♕d8+.
618. 1. ♕d7+.
619. 1. ♖e8.
620. 1. ♘b6+.
621. 1. ♗b7+.
622. 1. ♗g5+.
623. 1. ♕xb8+.
624. 1. ♖b8++.
625. 1. ♗xd5+.
626. 1. hxg7.
627. 1. ♕xb6+.
628. 1. d8♕+.
629. 1. ♗f6+.
630. 1. ♕c6+.

Chess Camp is a new training system for beginning chessplayers, and for the parents and coaches who teach them. Starting with simple problems to illustrate key concepts, and then progressing to more complex positions, the student will learn by doing, methodically integrating new information with previous knowledge while building effective thinking habits at the board.

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Igor Sukhin has been using the game of chess for more than two decades to teach children. His books have been selected repeatedly as recommended reading by the Russian Department of Education.
The author of the acclaimed children's chess book *Gary's Adventures in Chess Country* (also published by Mongoose Press), Sukhin has written more than 100 titles, with over a million copies currently in print.

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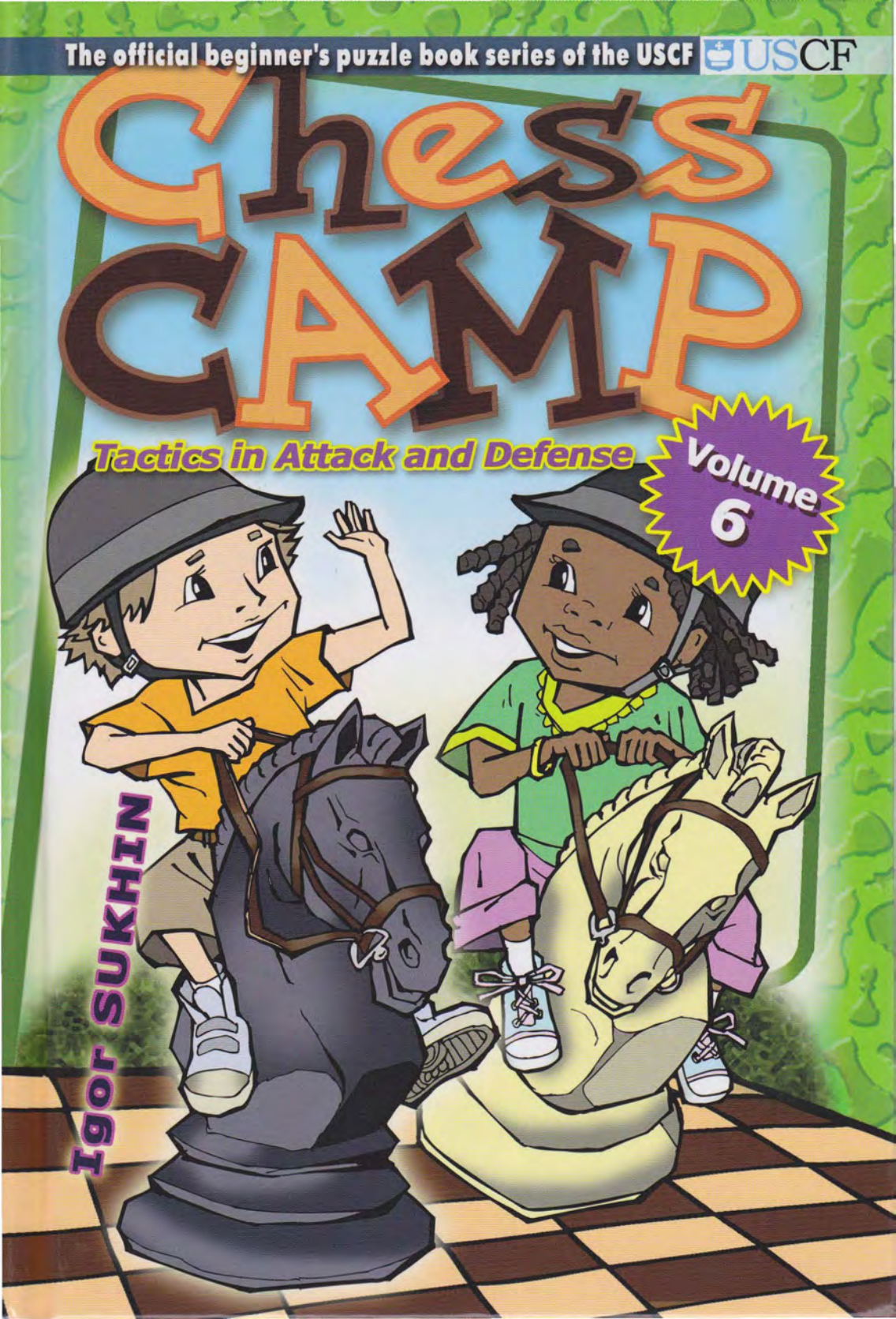
Chess CAMP

Tactics in Attack and Defense

Volume 6



Igor SUKHIN

Igor Sukhin

Chess Camp

Volume 6: Tactics in Attack and Defense

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Note for Coaches, Parents, Teachers, and Trainers

This book of chess problems challenges the student to practice typical tactical ideas. There is a great number of such motifs in both attack and defense. Some of these ideas - including the "cross" (a type of double pin), the unstoppable attack, closing the trap, the skewer, the x-ray attack, removing the guard, reinforcing the attack, and many others - are not always given the kind of attention they deserve.

Many books cover typical attacking methods, but very few provide adequate coverage of defensive techniques. This can be explained from a psychological standpoint: it is more exciting to look for winning moves than it is to try to defend a bad position. However, in order to become a great player, the student needs to know how to both attack and defend. That is why learning typical defensive methods is no less important than knowing attacking methods.

Learning the typical ways to defend is not easy. Therefore, in this book most problems are arranged by topic, which will serve as a hint for the student. The next volume in this series, however, will offer problems with no hints, so as to reinforce the skills acquired while reading this book.

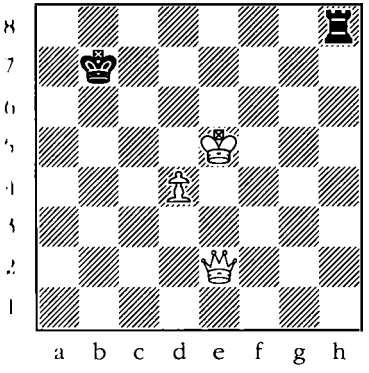
To become a great player, the student needs to learn both skills: how to attack and how to defend.

Winning the Queen

Giving check to win the queen

Skewer check

Black to move.



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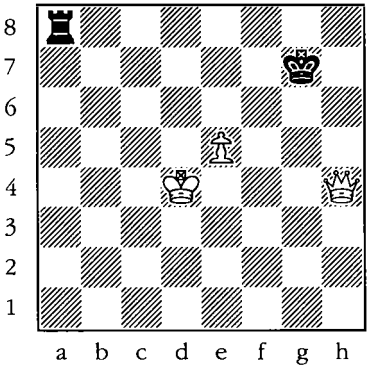

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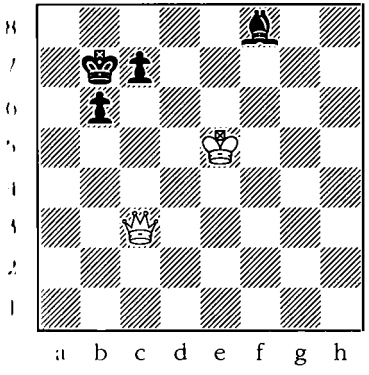

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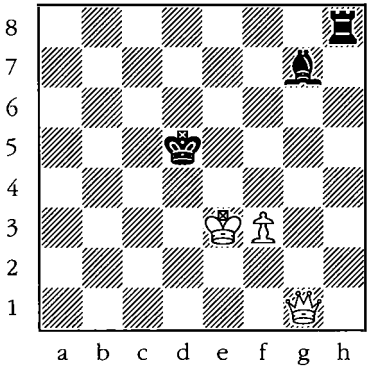

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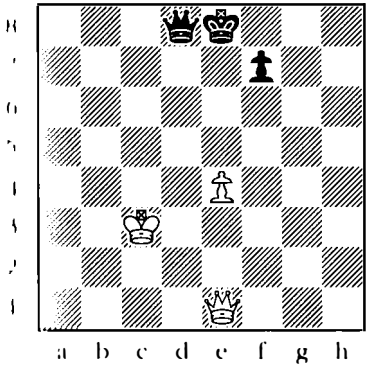

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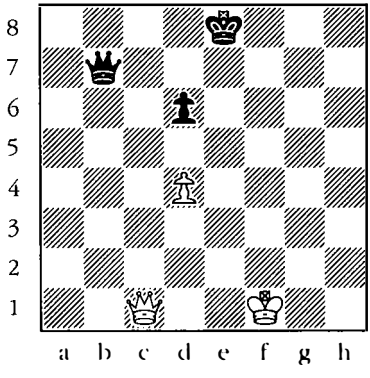

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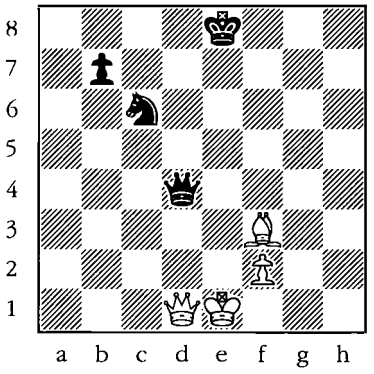
Remove the guard

White to move.



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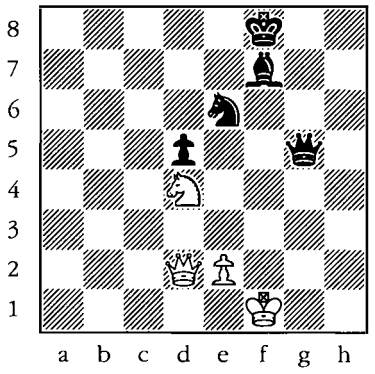

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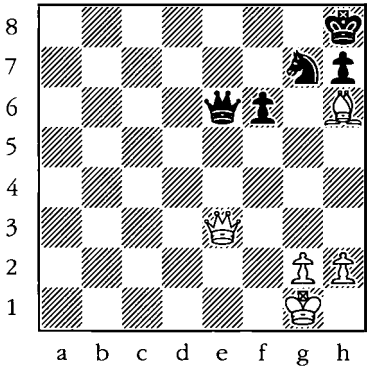

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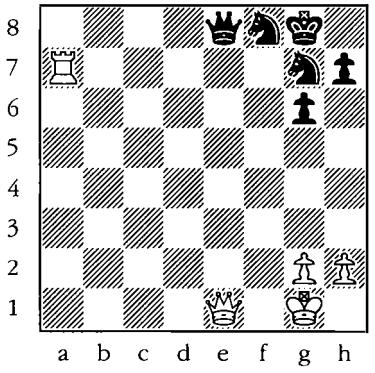

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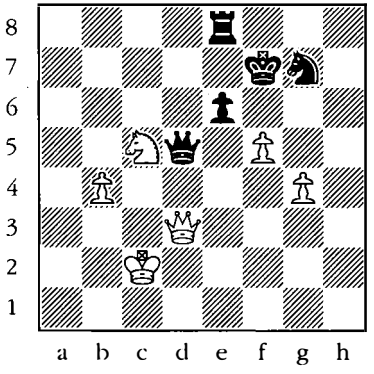

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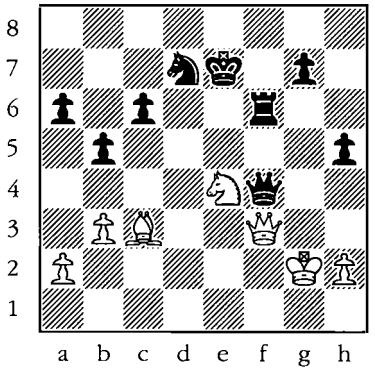

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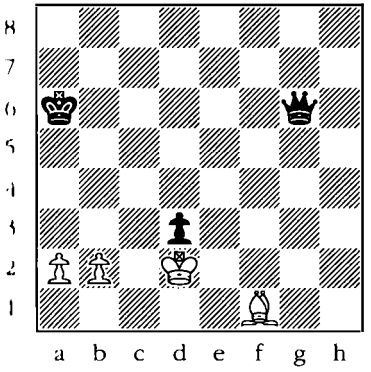
Double attack

White to move.



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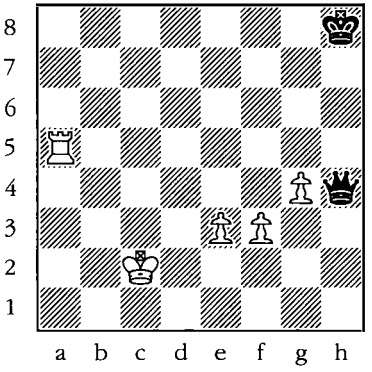

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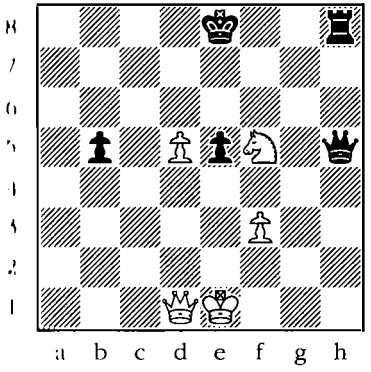

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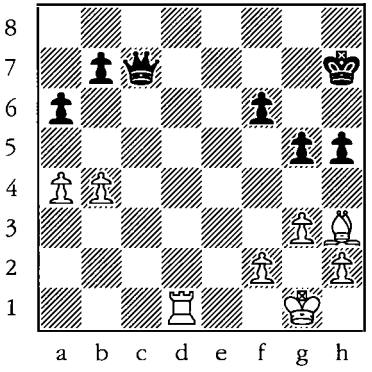

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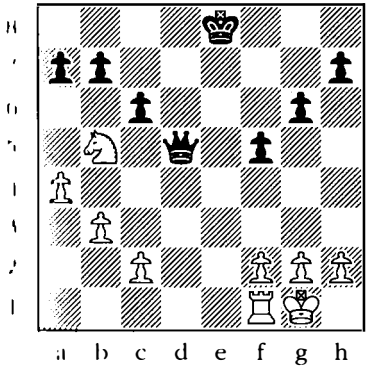

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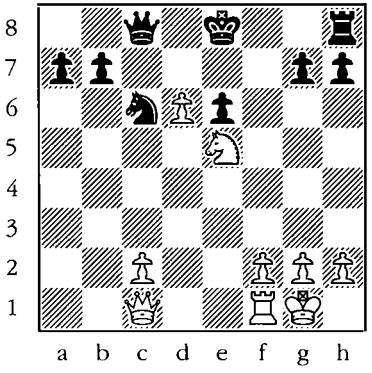

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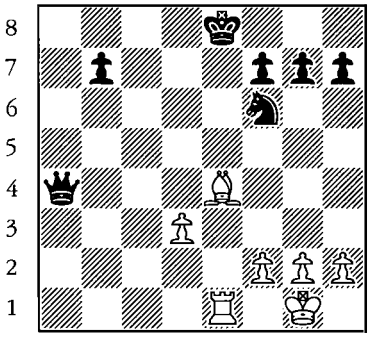
Double check

White to move.



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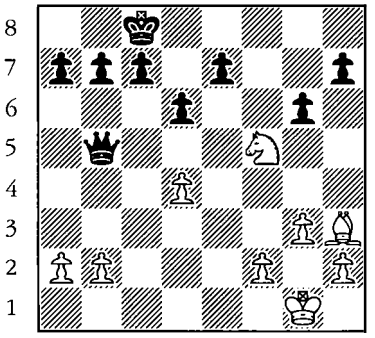

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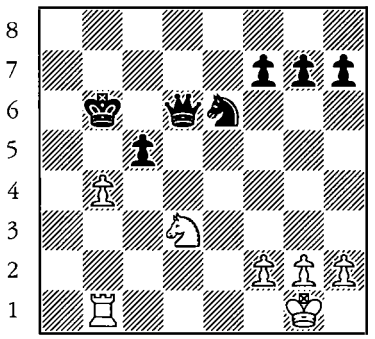

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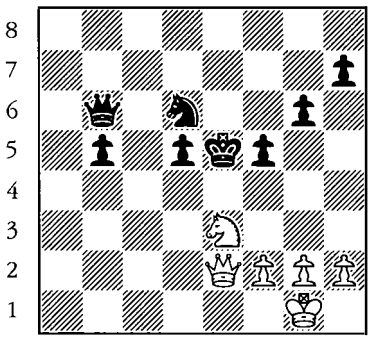

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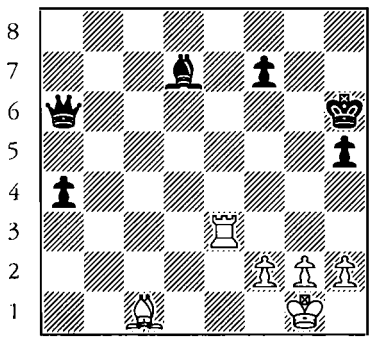

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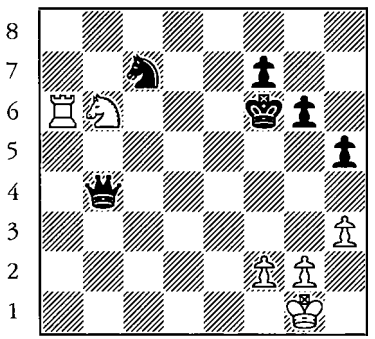

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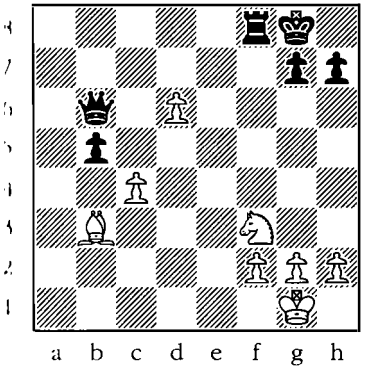
Discovered check

White to move.



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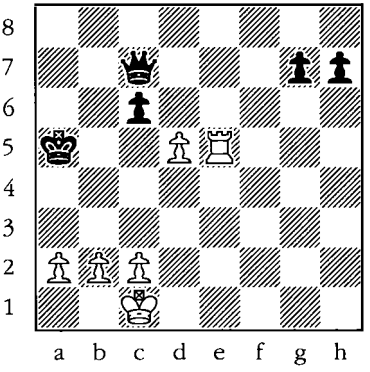

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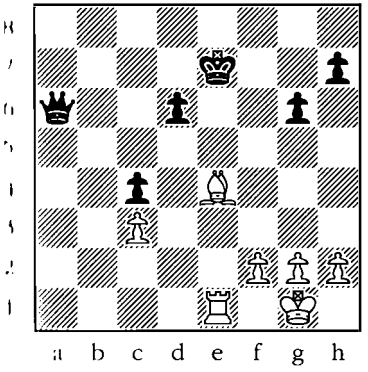

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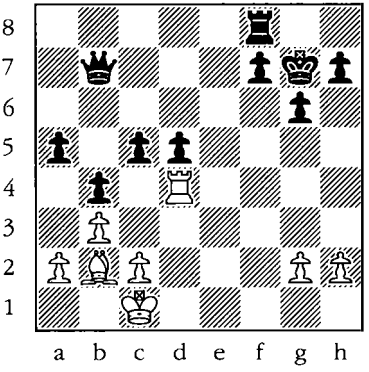

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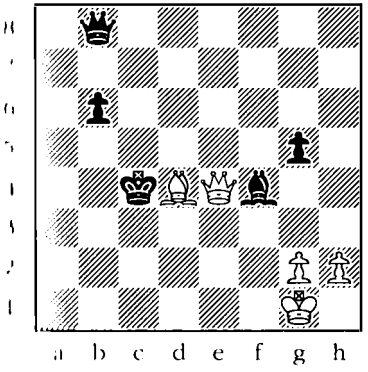

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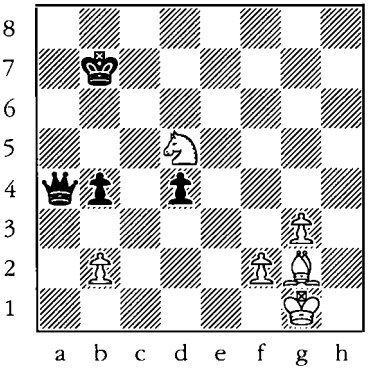

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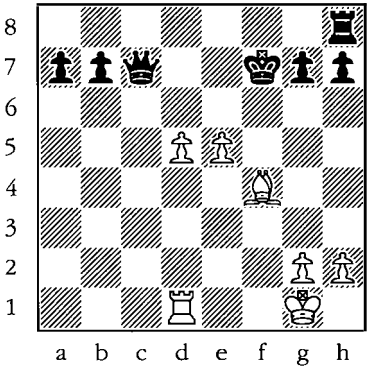
Discovered attack

White to move.



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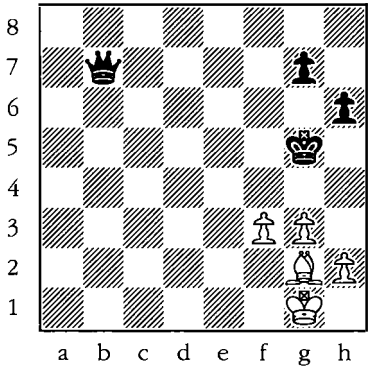

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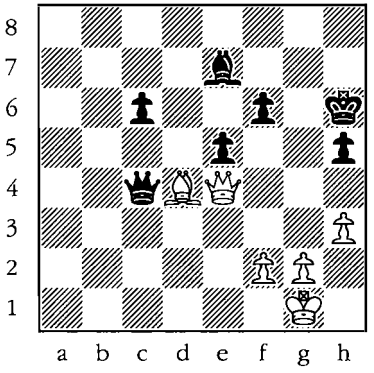

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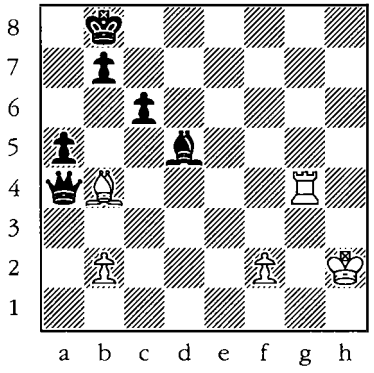

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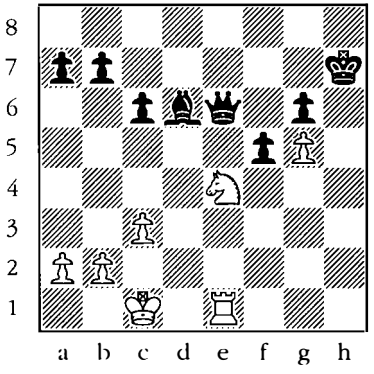

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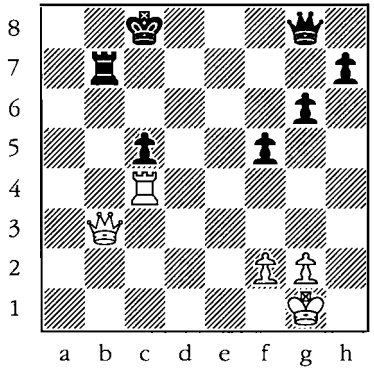

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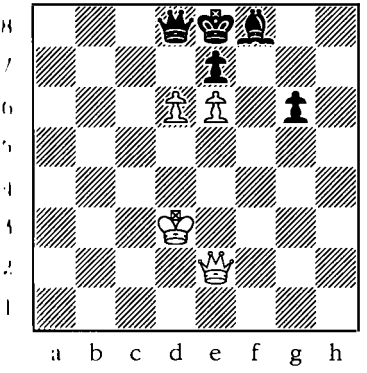
Give a check that forces Black to sacrifice the queen

White to move.



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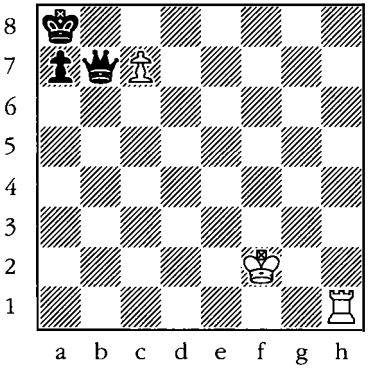

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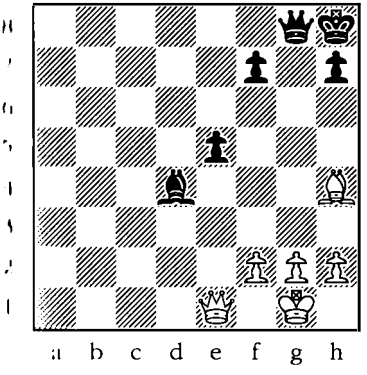

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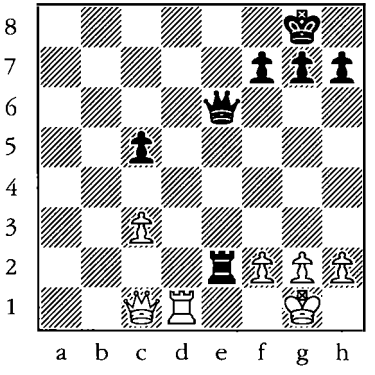

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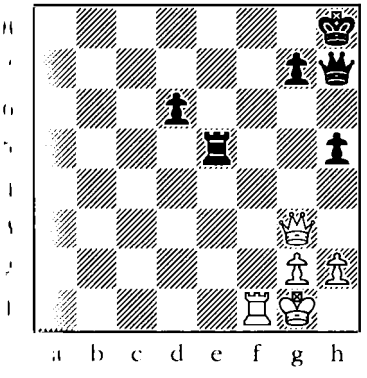

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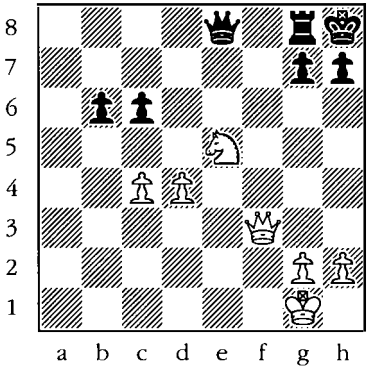
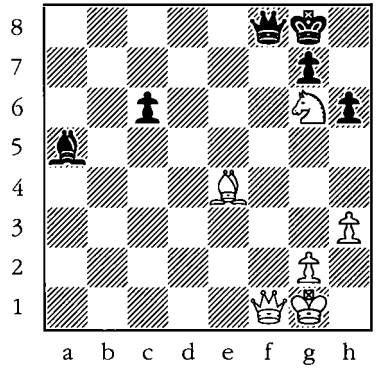


42

Deflect the white king from defending the queen

Black to move.



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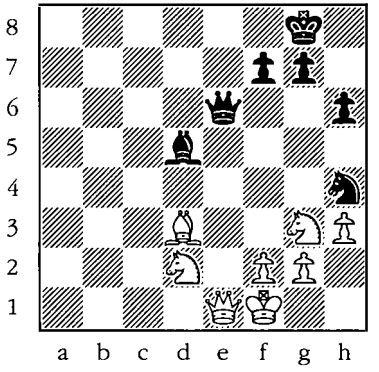

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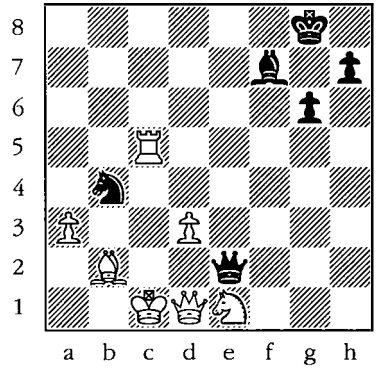

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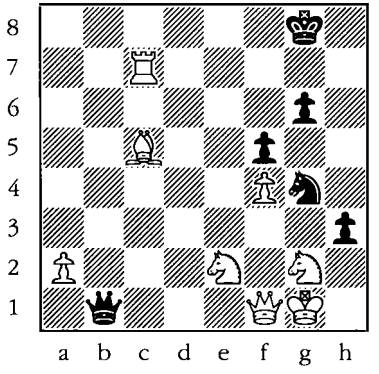

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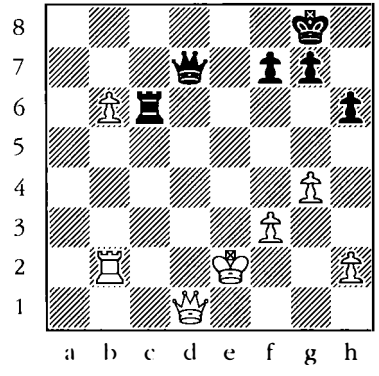

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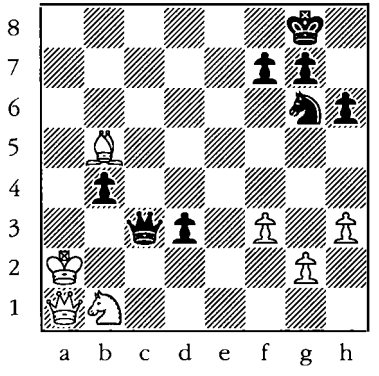
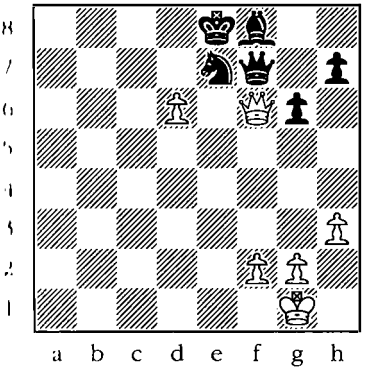


48

Deflect the black king from defending the queen

White to move.



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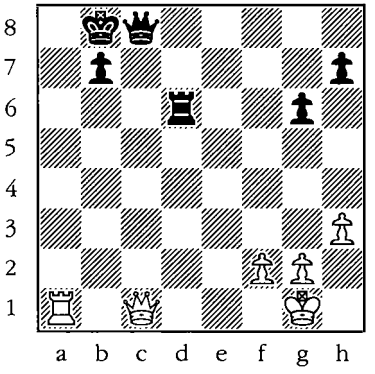

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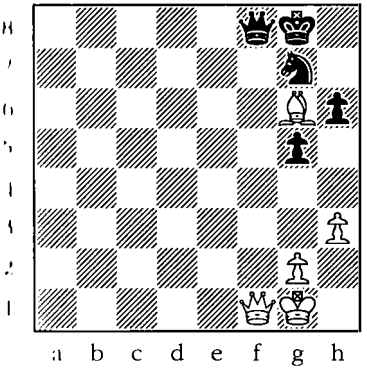

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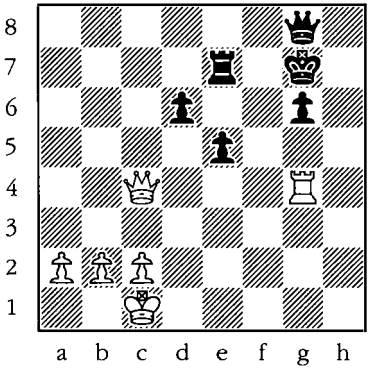

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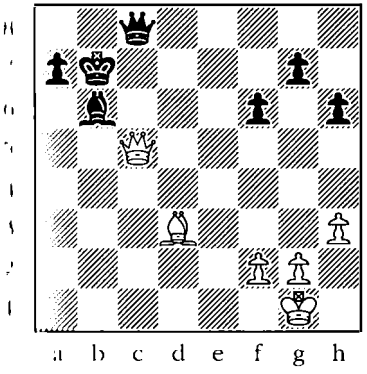

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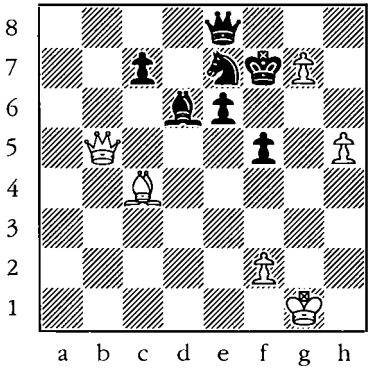
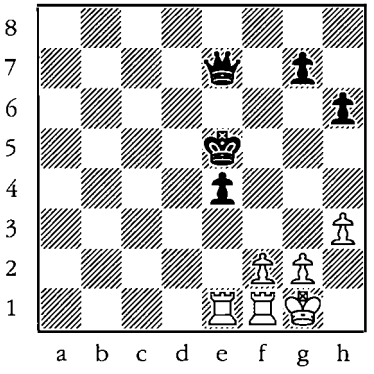


54

Sacrifice to set up a skewer

White to move.



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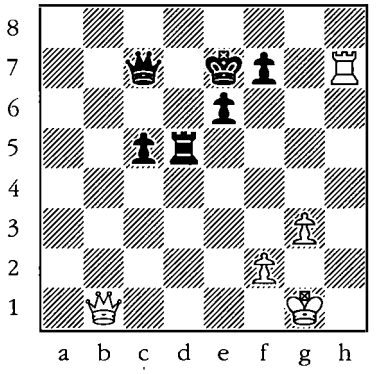

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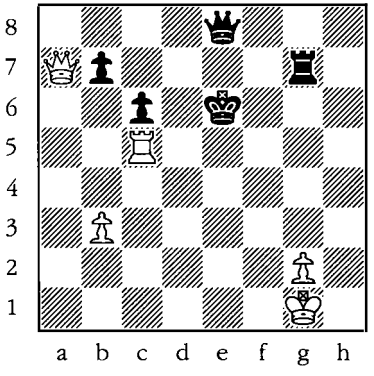

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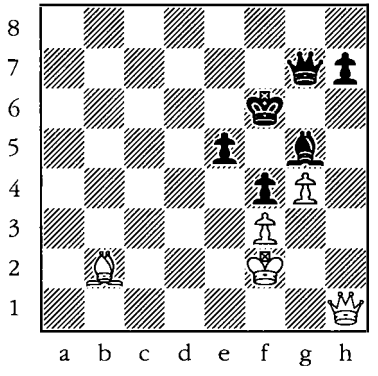

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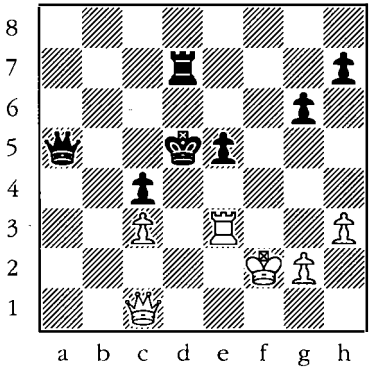

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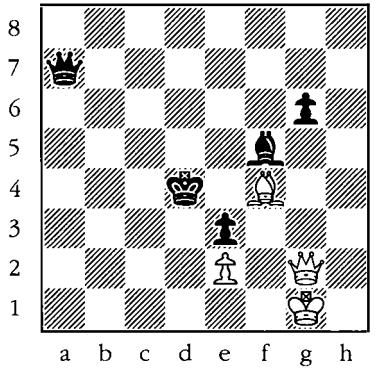

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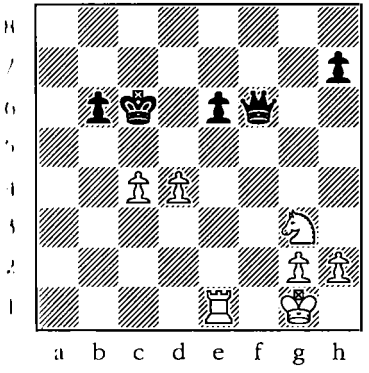
Sacrifice to set up a double attack

White to move.



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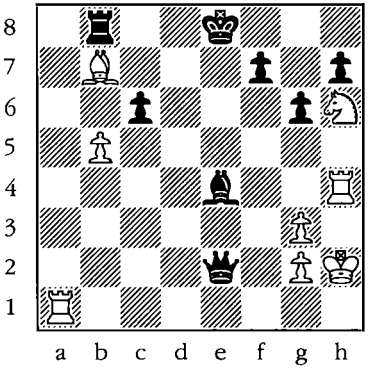

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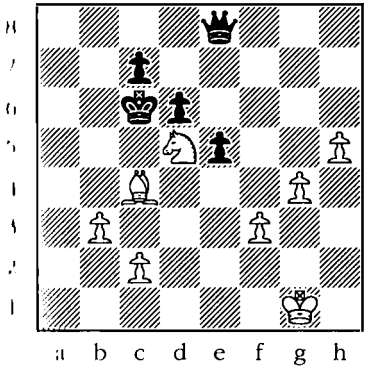

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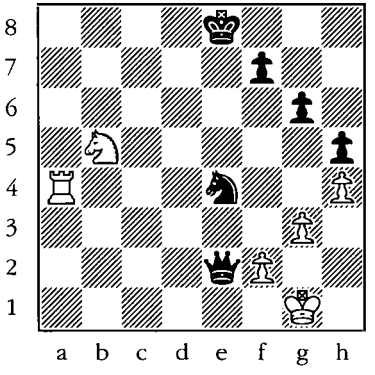

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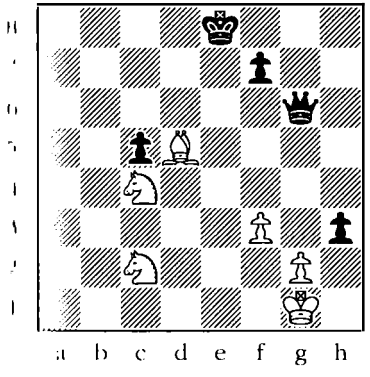

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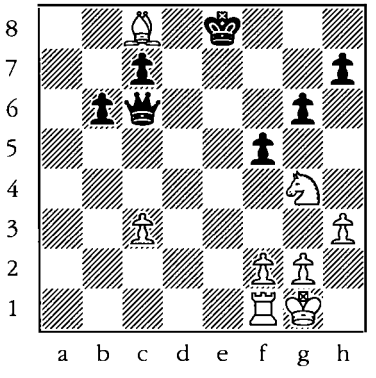
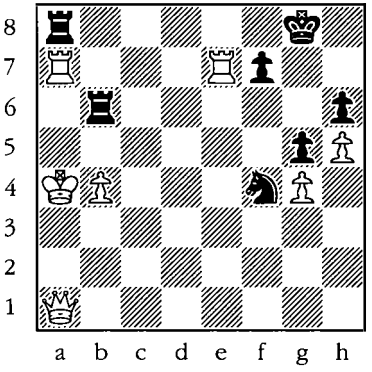


66

X-ray attack

Black to move.



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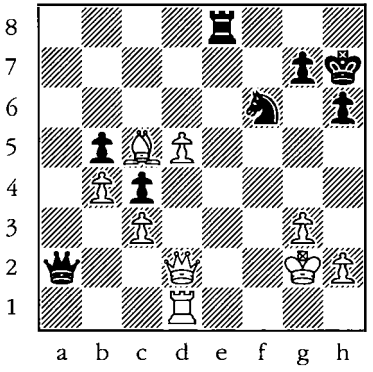

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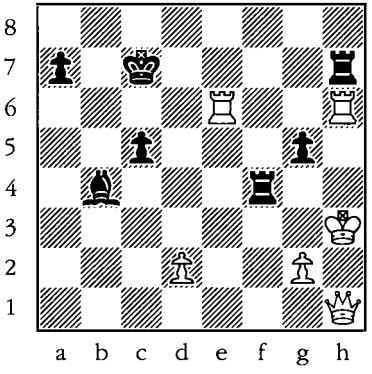

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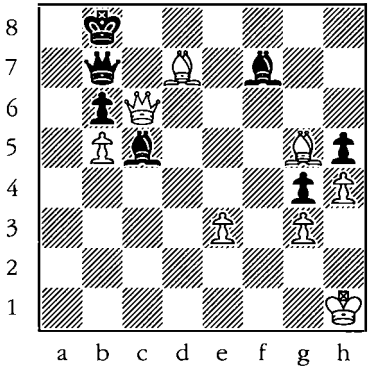

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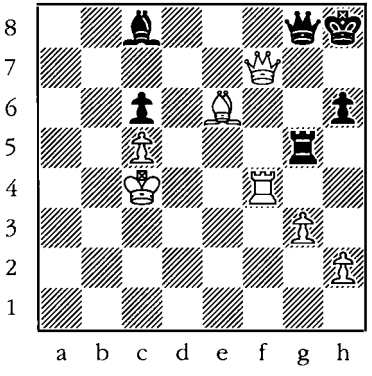

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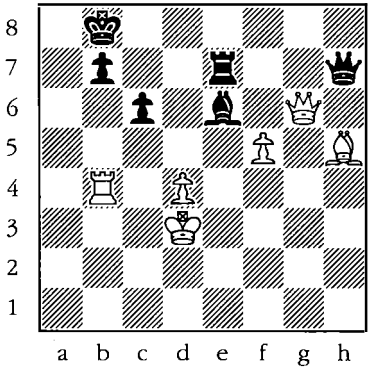
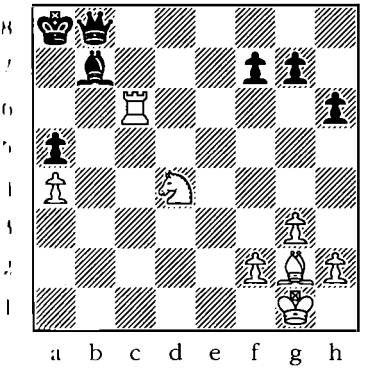


72

Exploit a pinned chessman

White to move.



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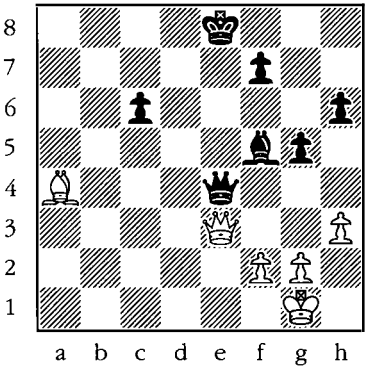

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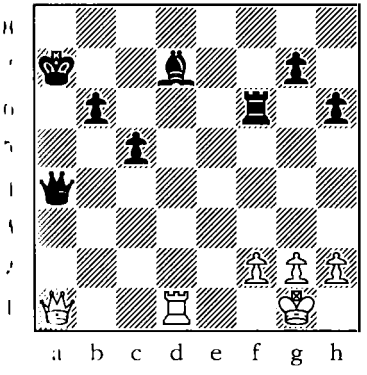

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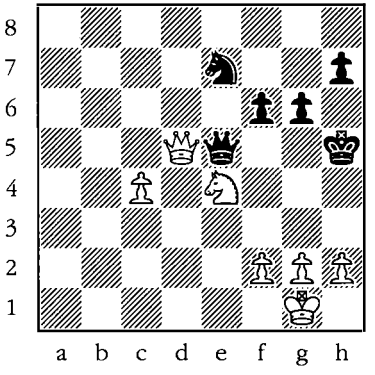

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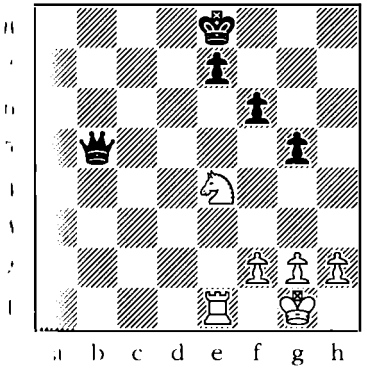

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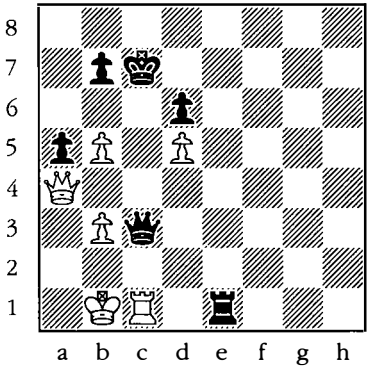
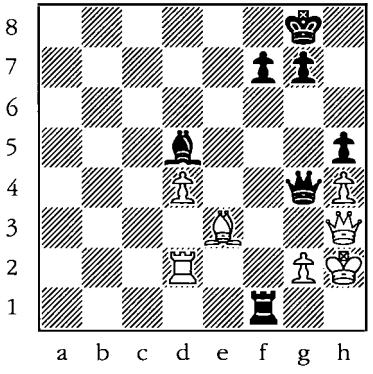


78

Sacrifice to create a pin

Black to move.



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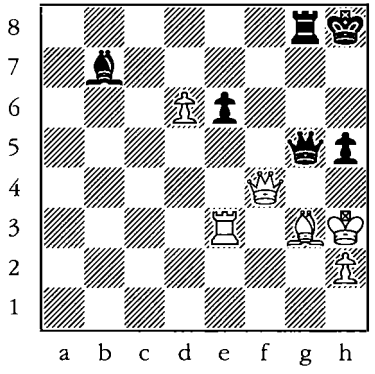

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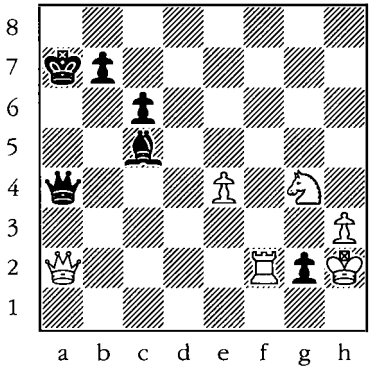

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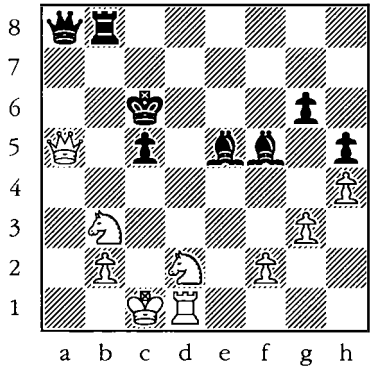

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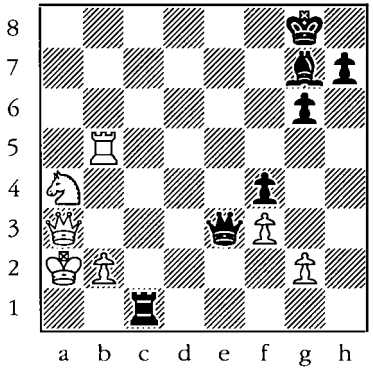

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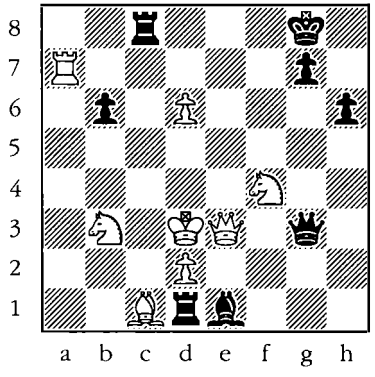
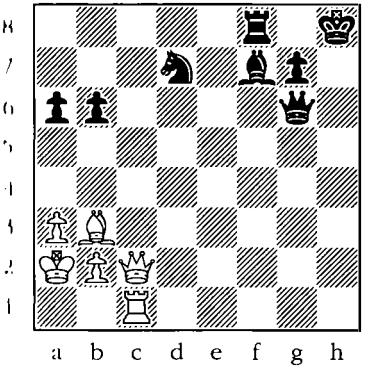


84

Force Black into a pin

White to move.



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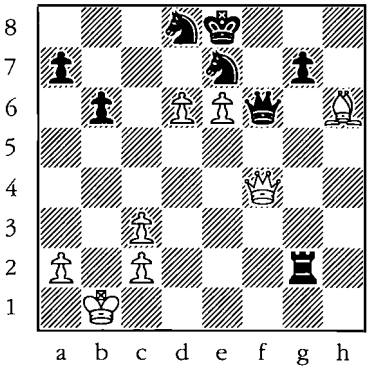

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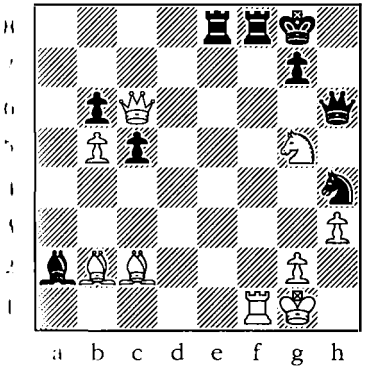

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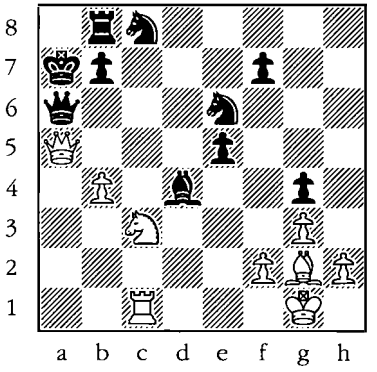

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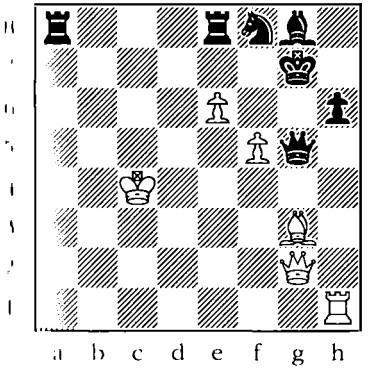

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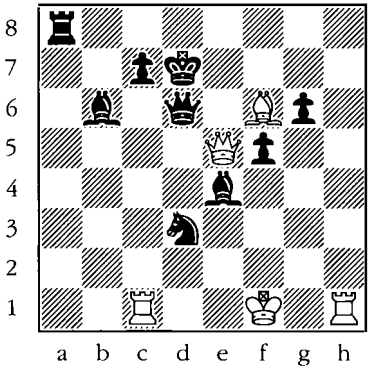
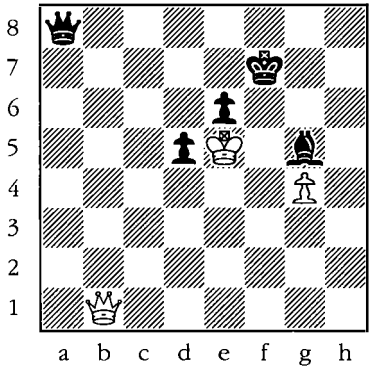


90

Two checks in a row

White to move.



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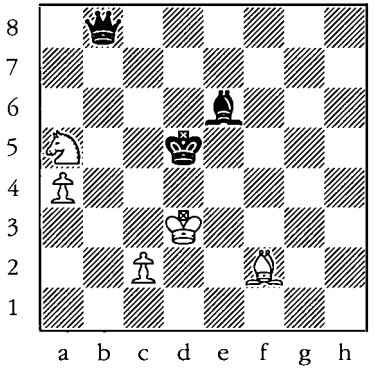

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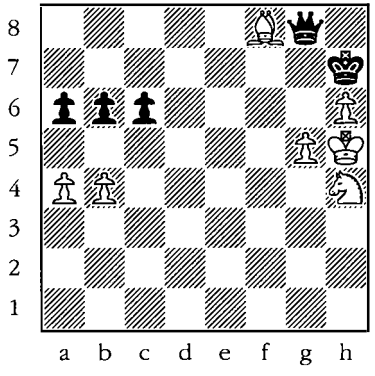

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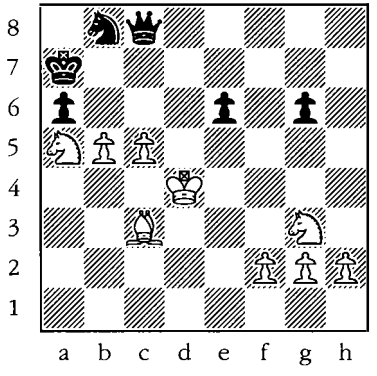

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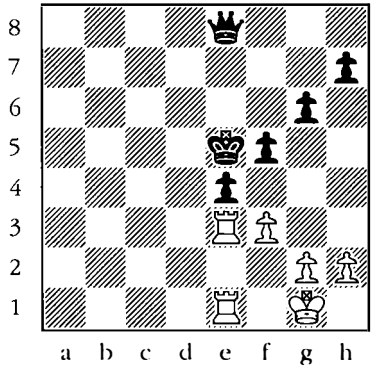

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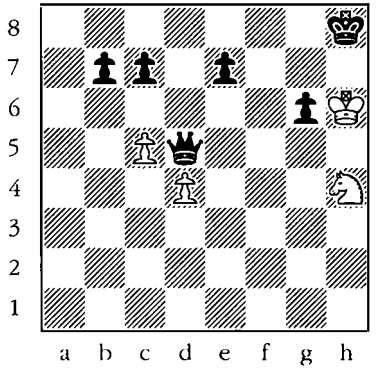
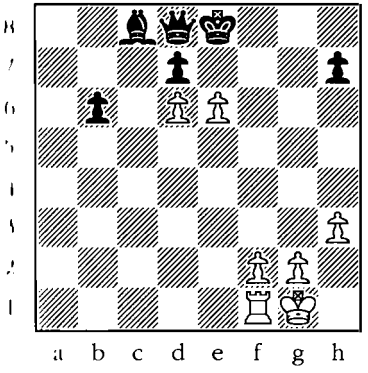


96

Winning the queen without giving check on the first move

Trap the queen

White to move.



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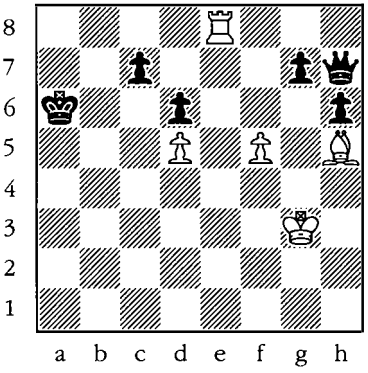

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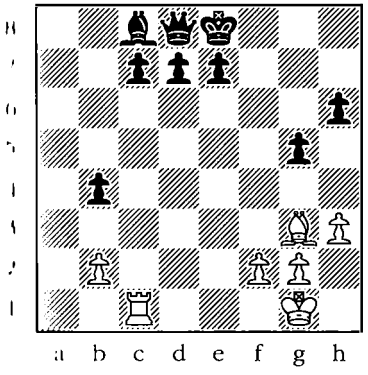

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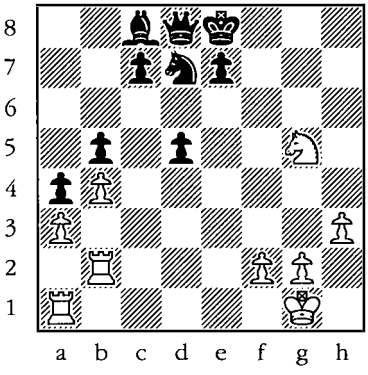

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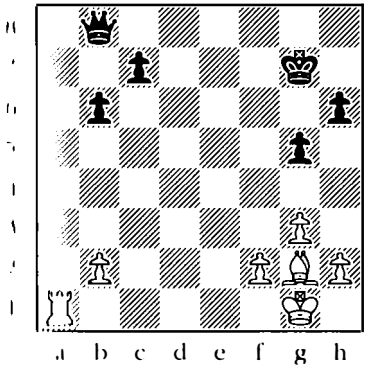

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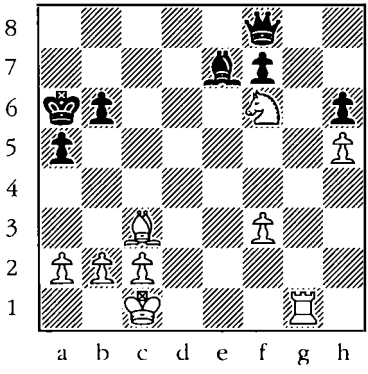
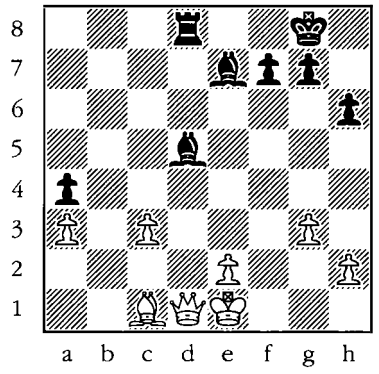


102

Double attack on the queen

Black to move.



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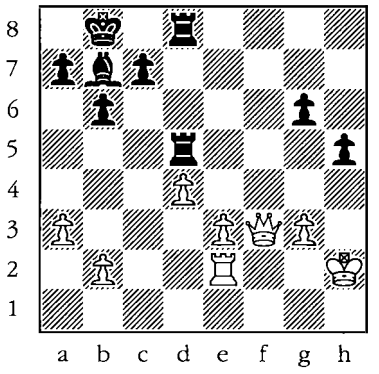

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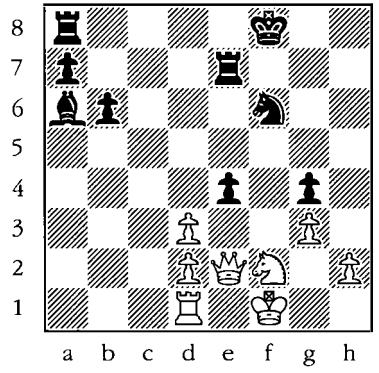

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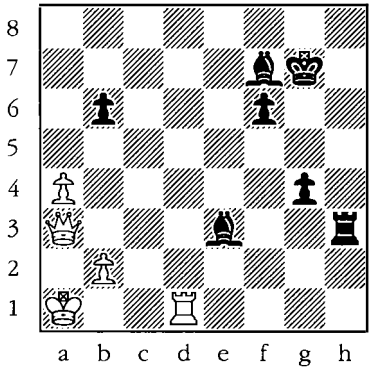

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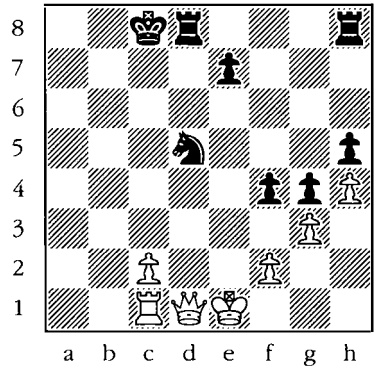

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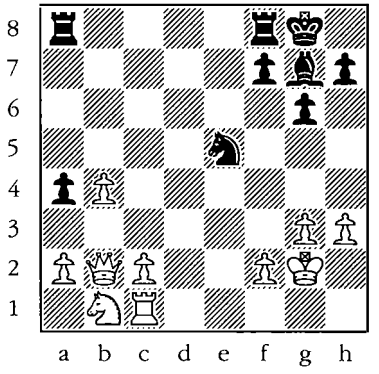
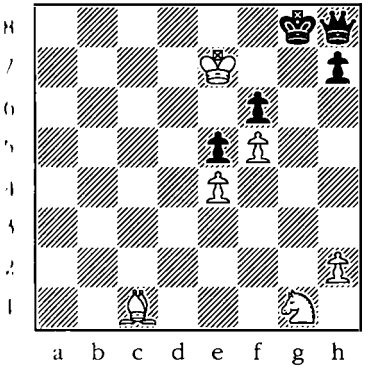


108

Zugzwang

White to move.



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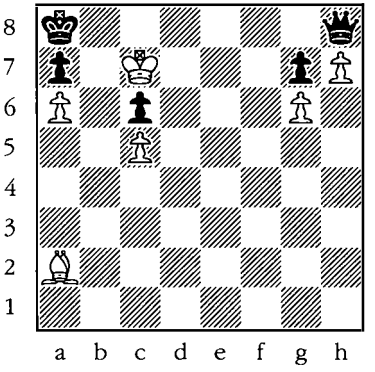

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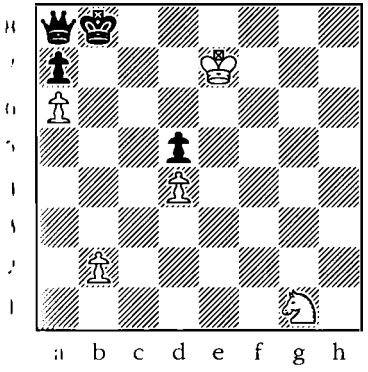

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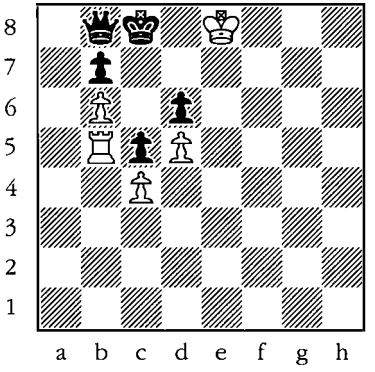

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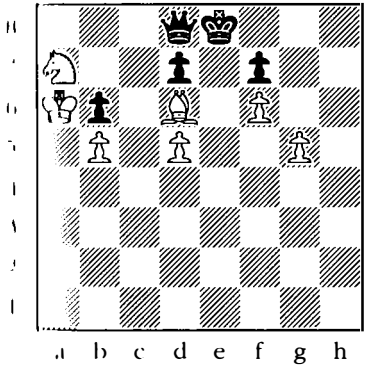

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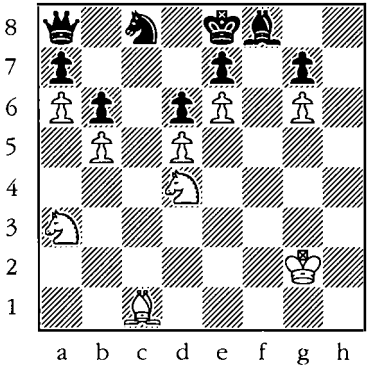
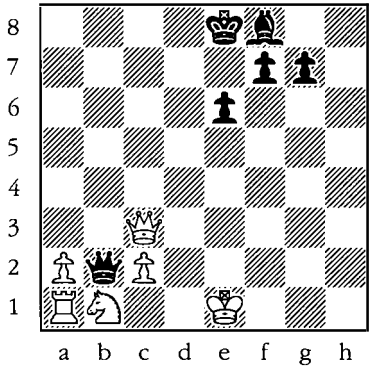


114

Pin the white queen to the white king

Black to move.



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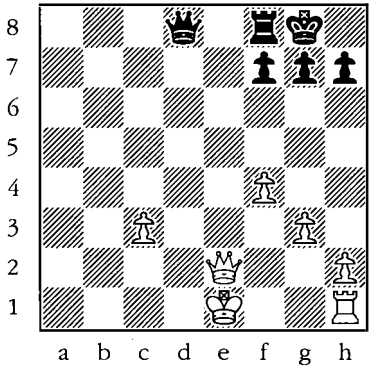

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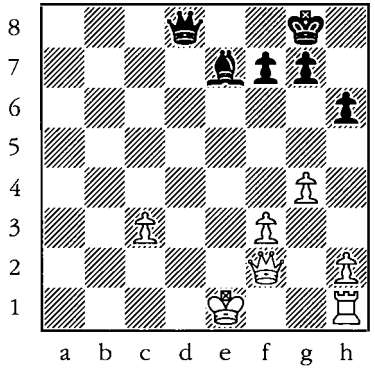

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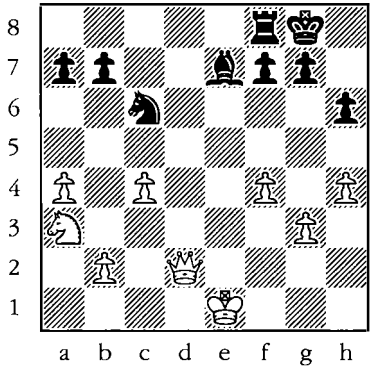

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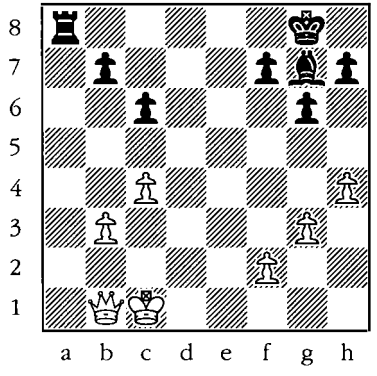

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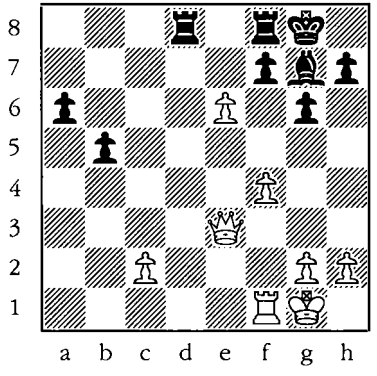
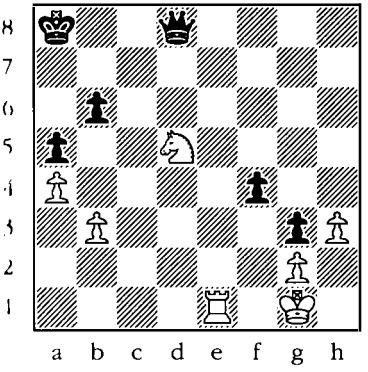


120

Pin followed by double attack

White to move.



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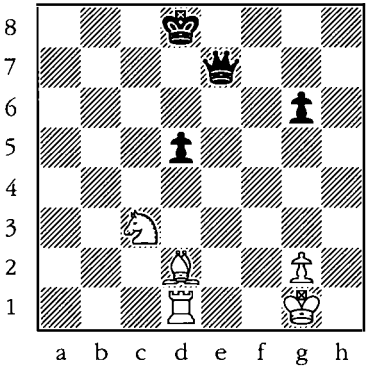

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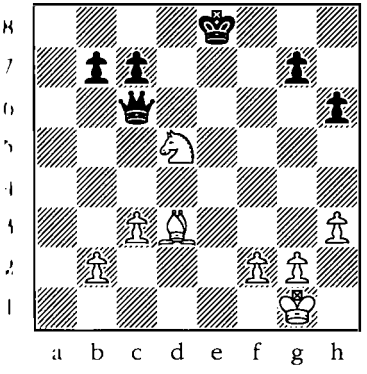

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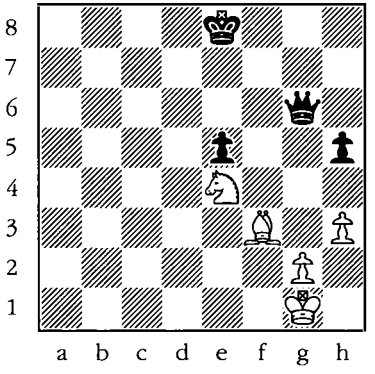

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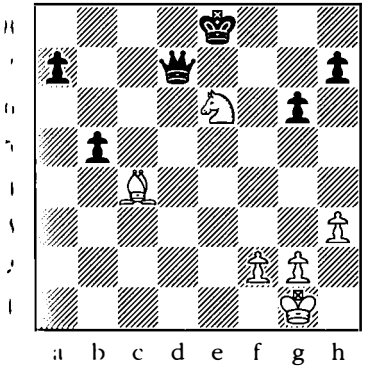

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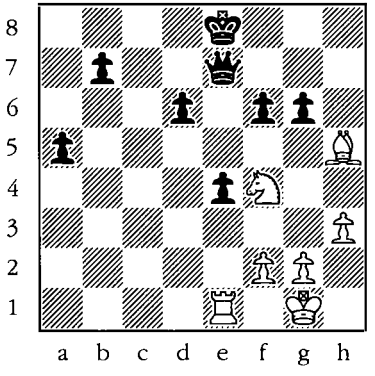
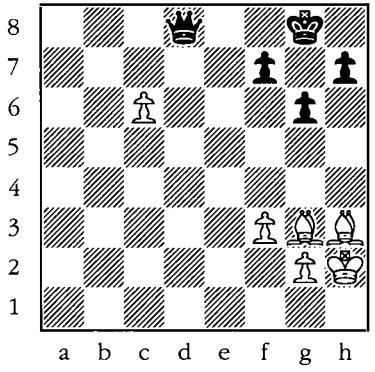


126

Pawn promotion

White to move.



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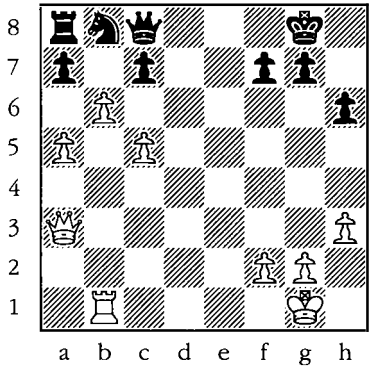

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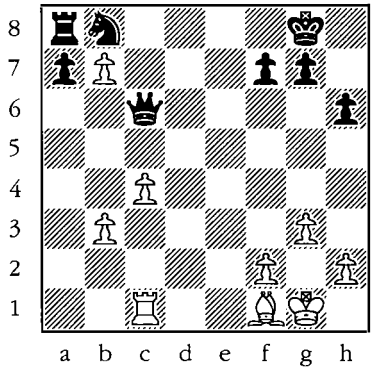

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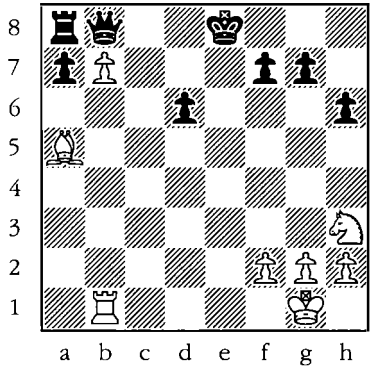

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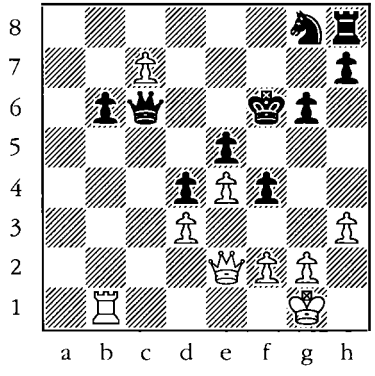

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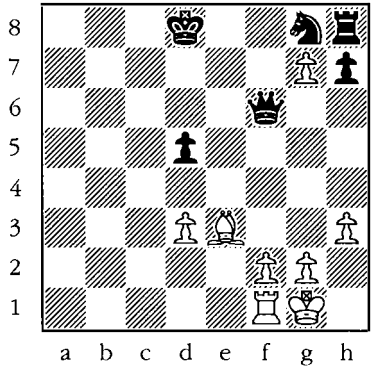
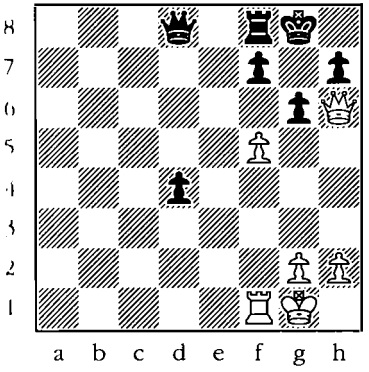


132

Threaten checkmate

White to move.



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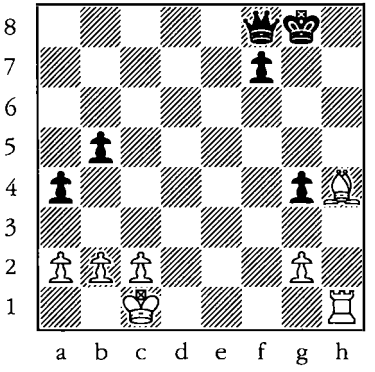

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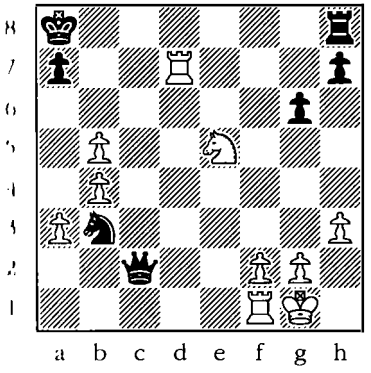

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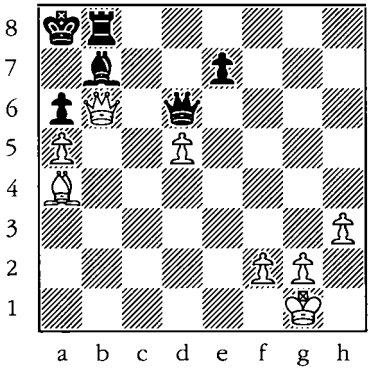

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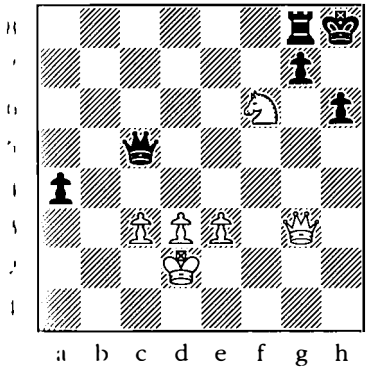

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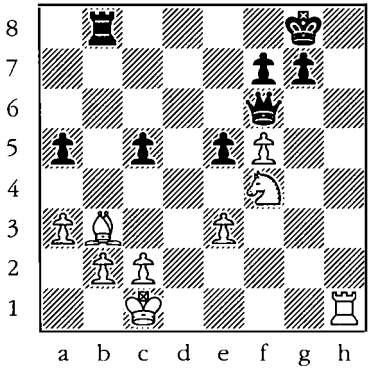
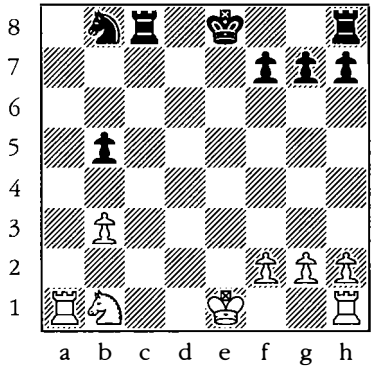


138

Winning a Rook

Skewer check to win a rook

Black to move.



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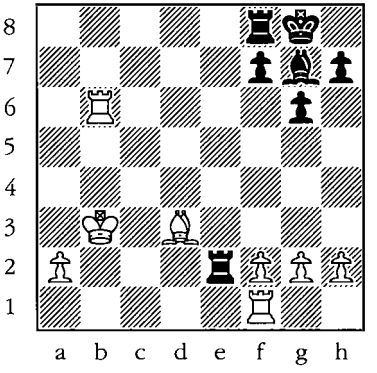

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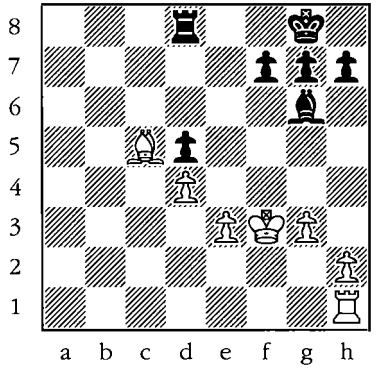

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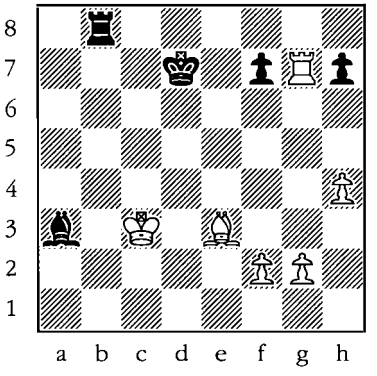

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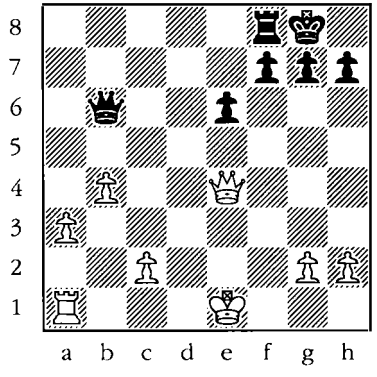

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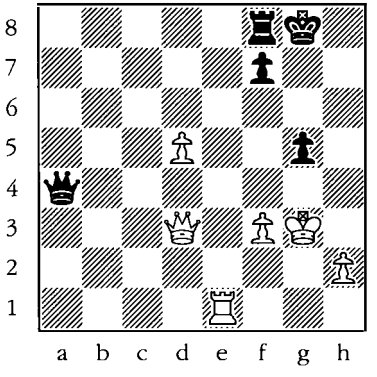
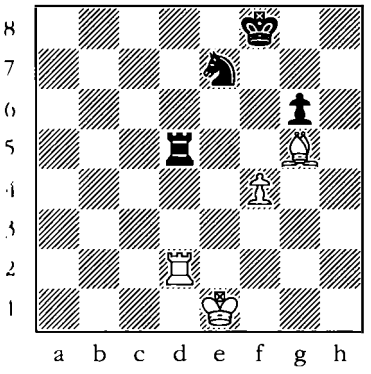


144

Remove the guard

White to move.



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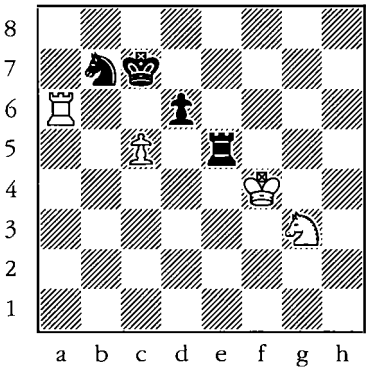

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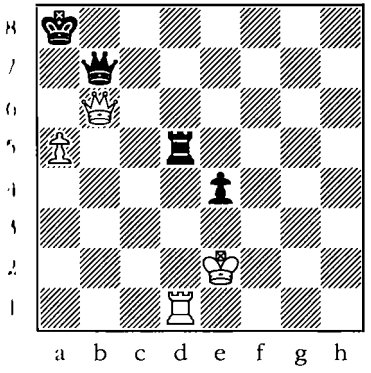

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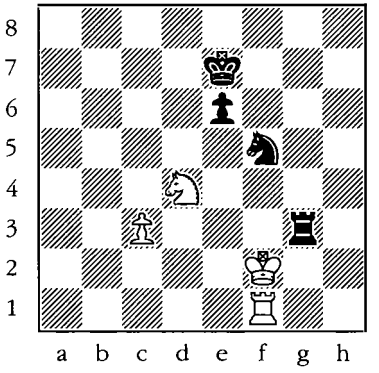

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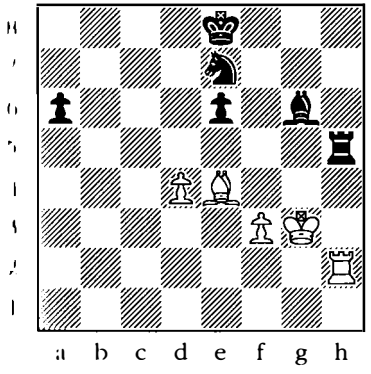

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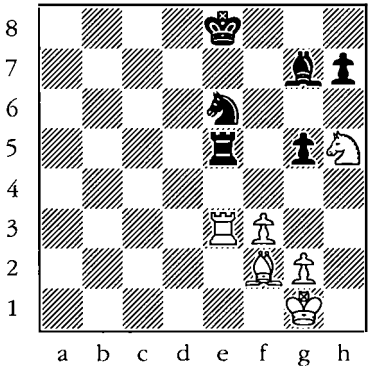
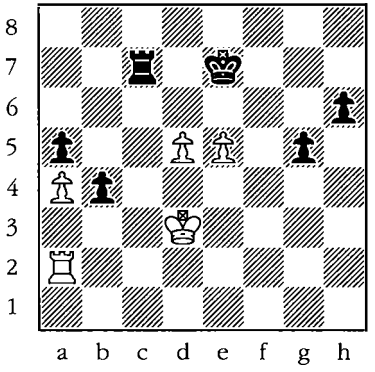


150

Double attack

White to move.



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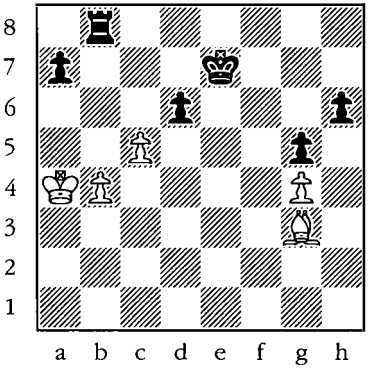

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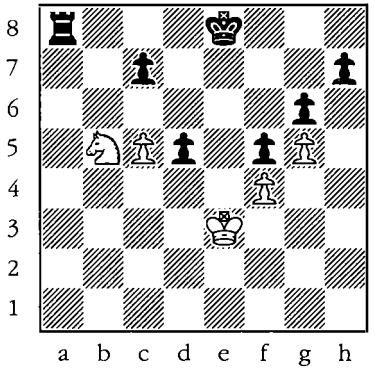

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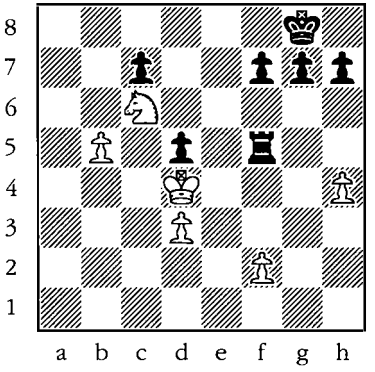

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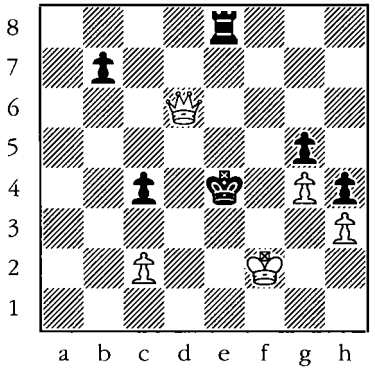

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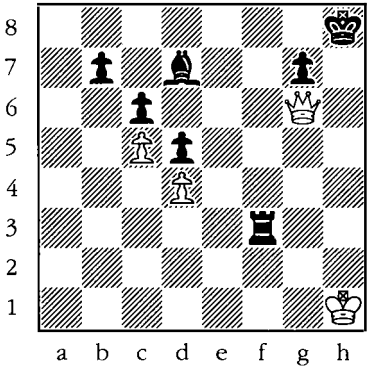

156

Double check

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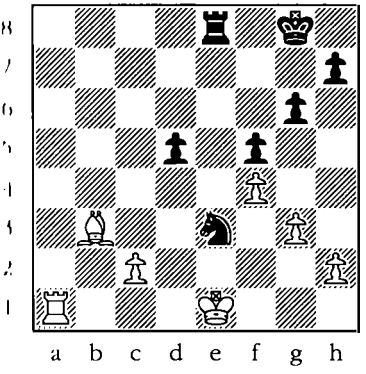

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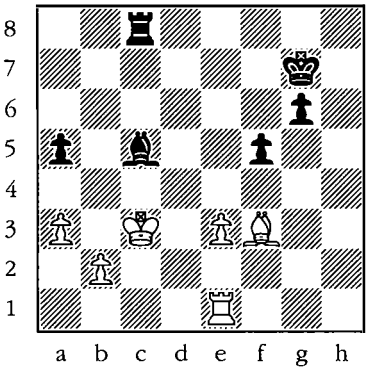

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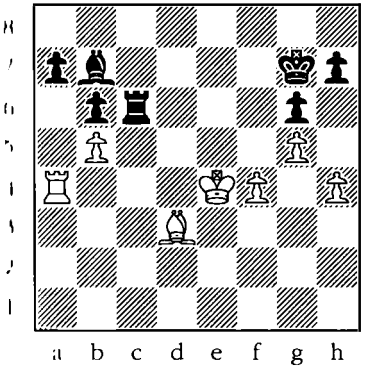

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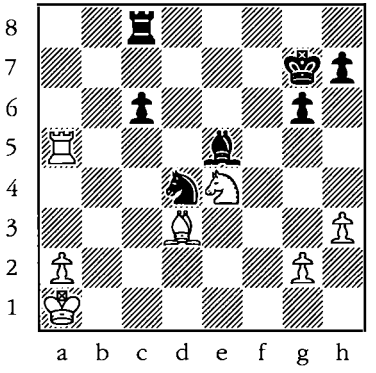

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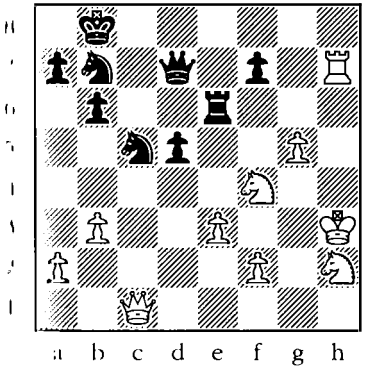

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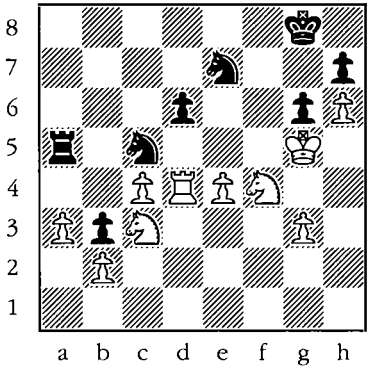
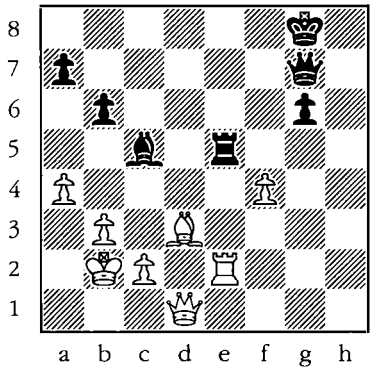


162

Discovered check

Black to move.



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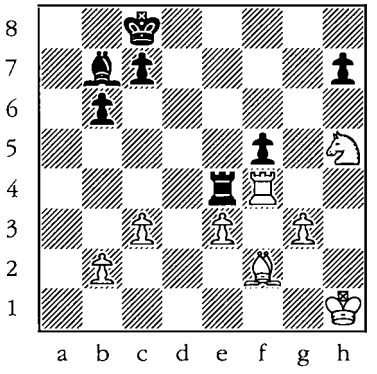

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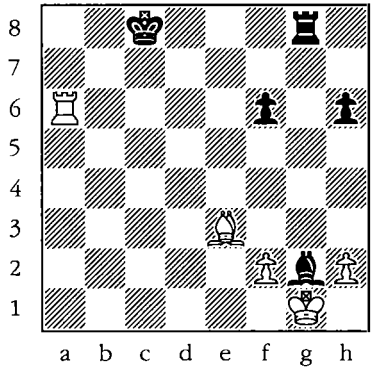

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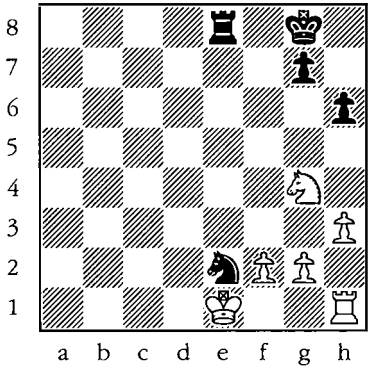

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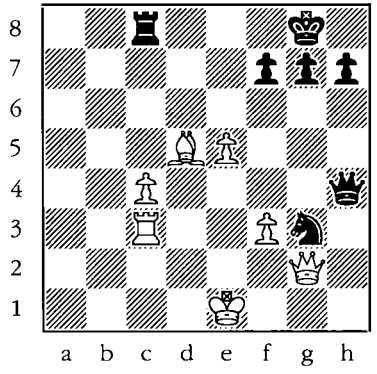

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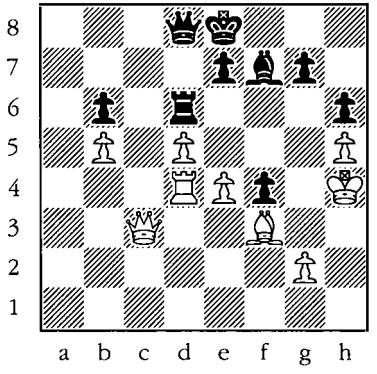
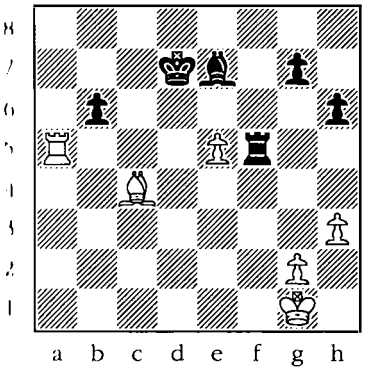


168

Discovered attack

White to move.



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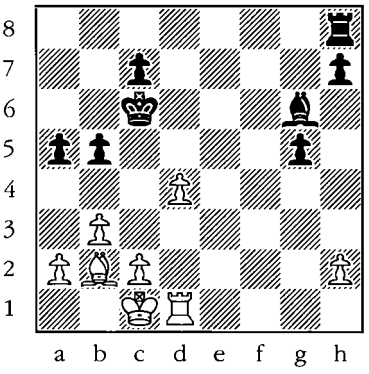

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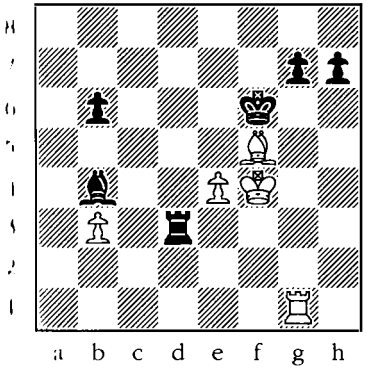

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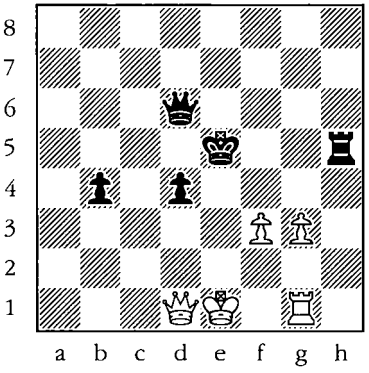

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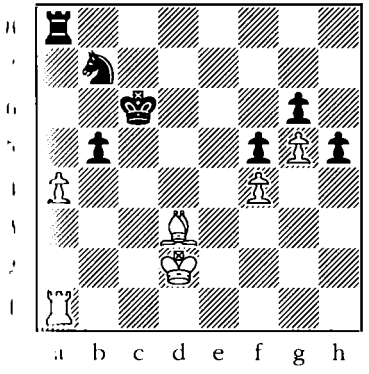

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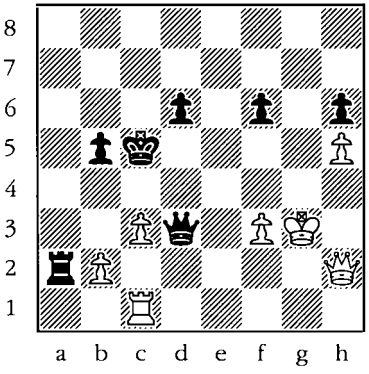
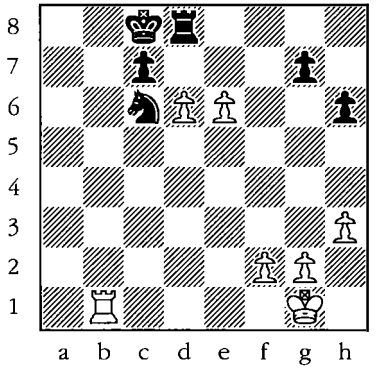


174

Give a check that forces Black to sacrifice the rook

White to move.



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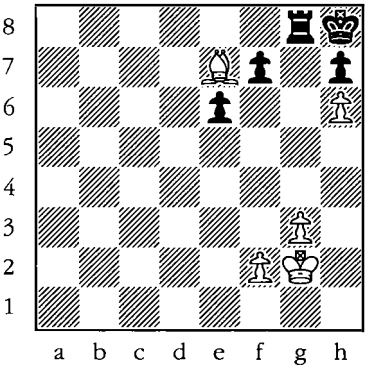

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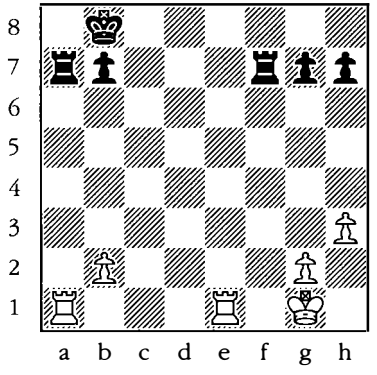

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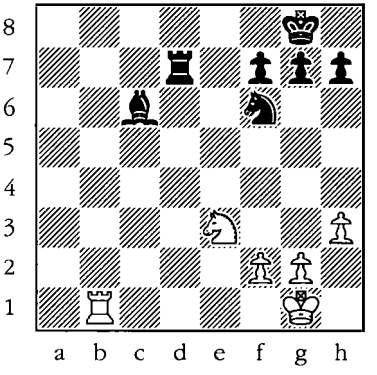

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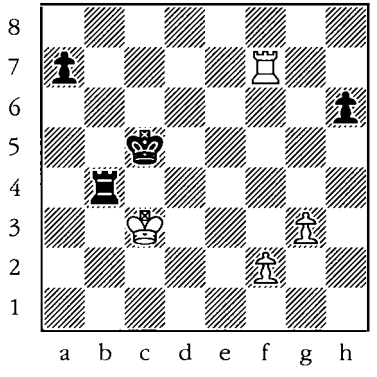

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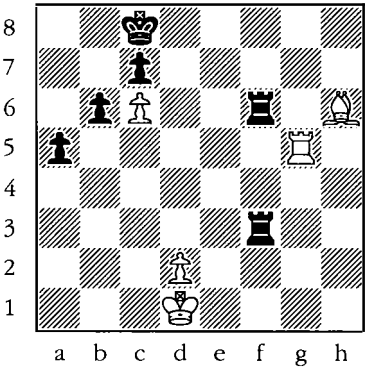
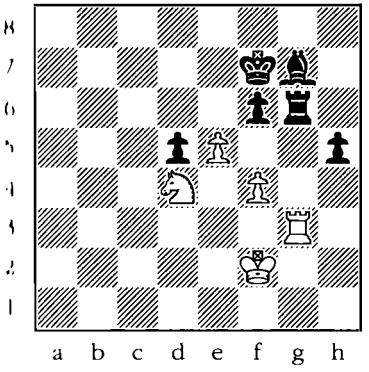


180

Deflect the king

White to move.



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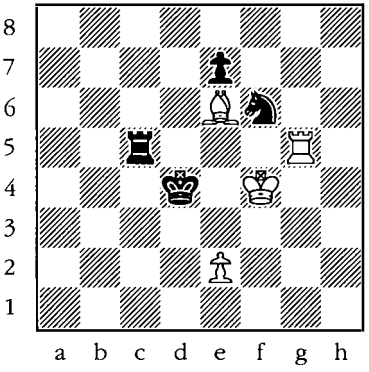

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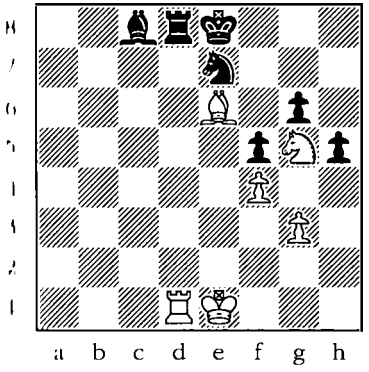

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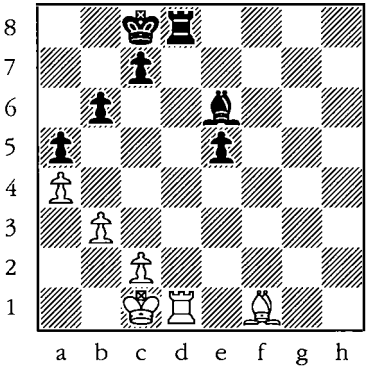

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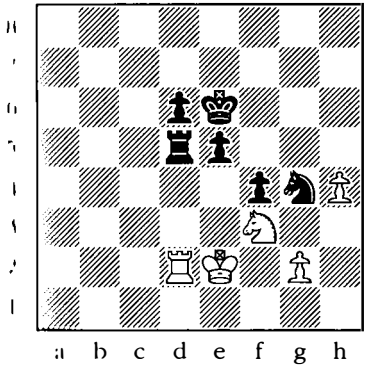

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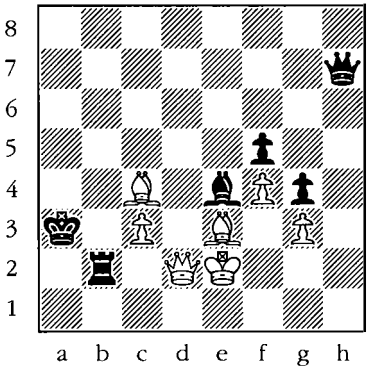
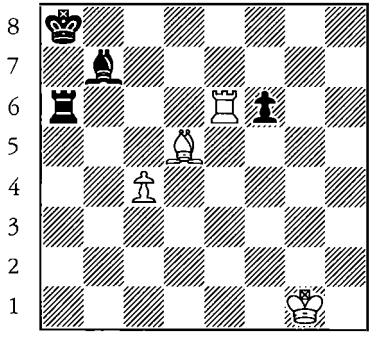


186

Exploit a pinned chessman

White to move.



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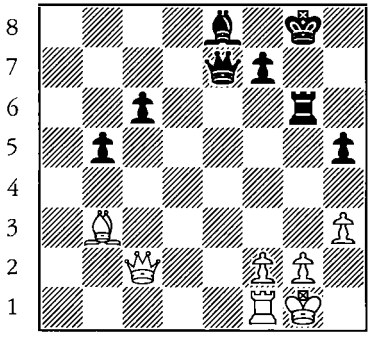

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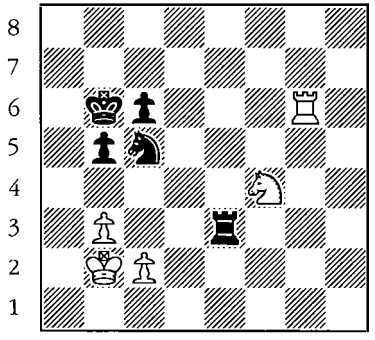

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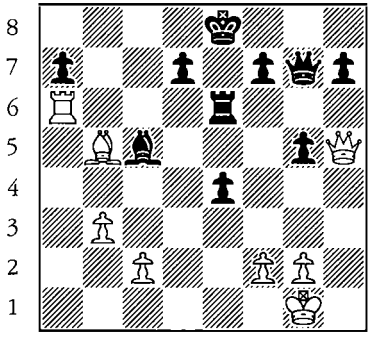

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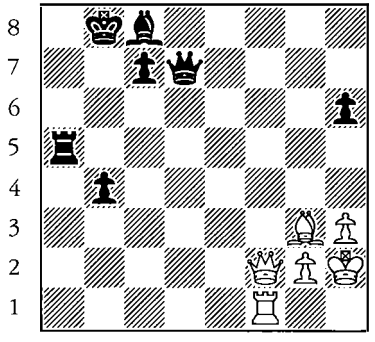

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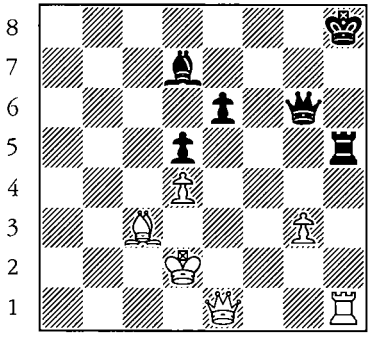
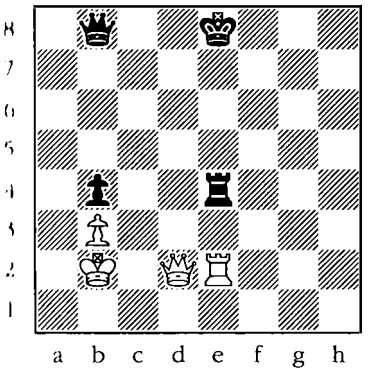


192

Reinforce the attack

Black to move.



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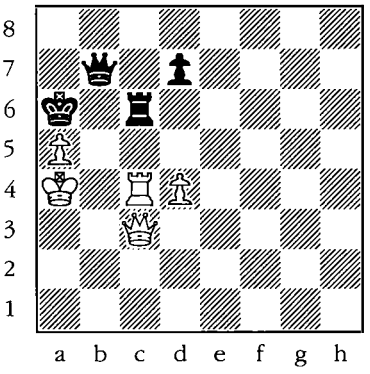

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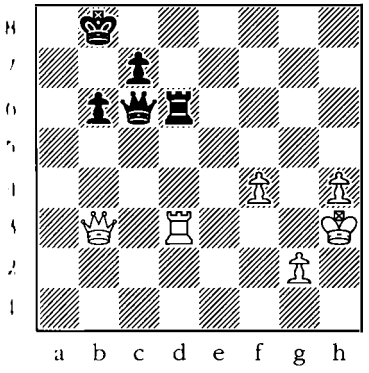

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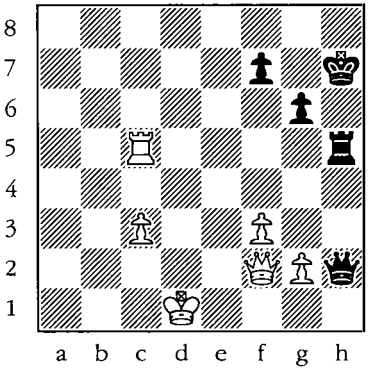

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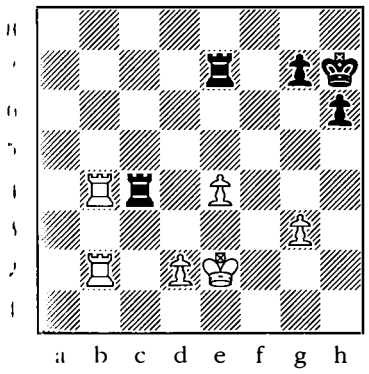

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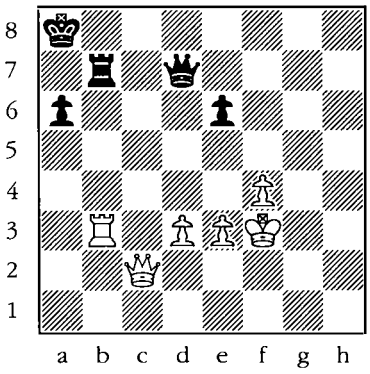
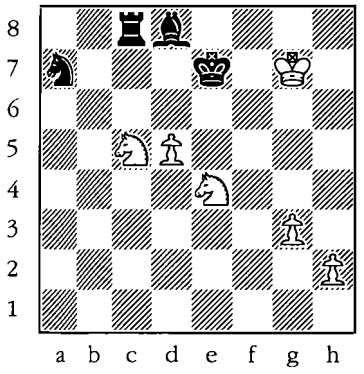


198

Two checks in a row

White to move.



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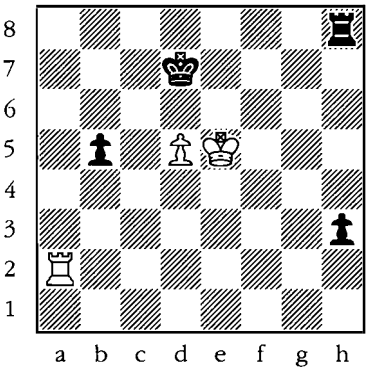

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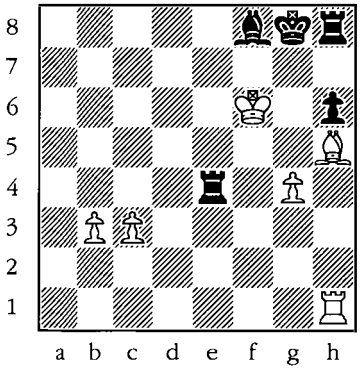

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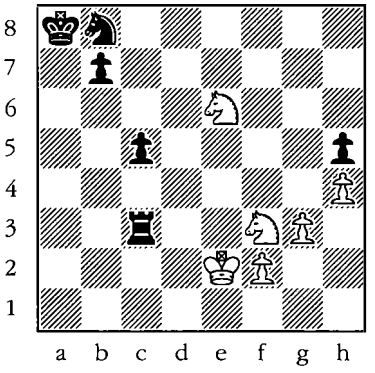

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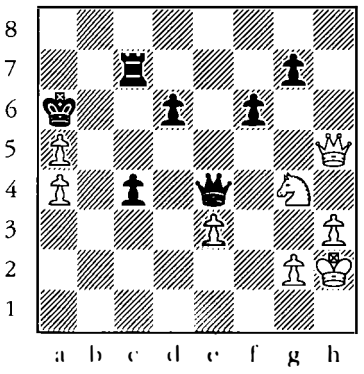

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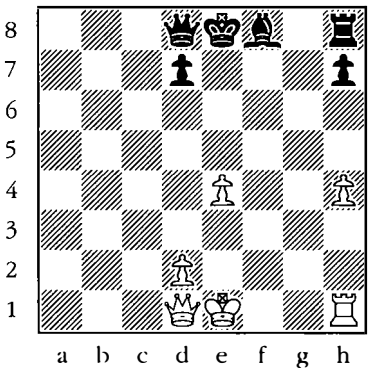
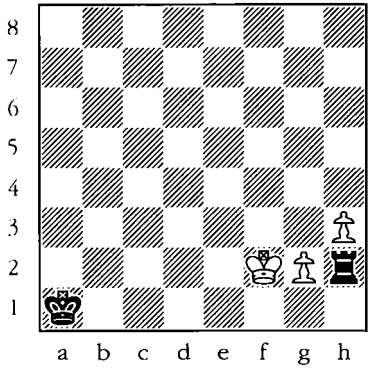


204

Winning a rook without giving check on the first move

Trap the rook

White to move.



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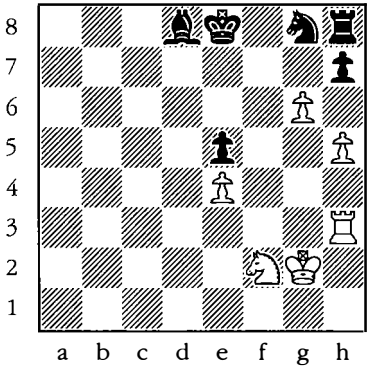

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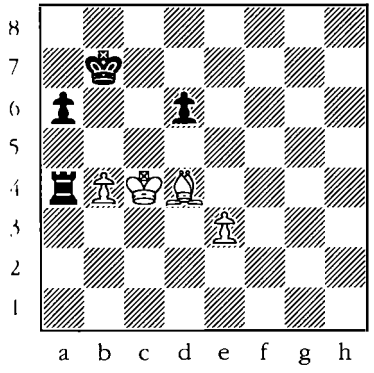
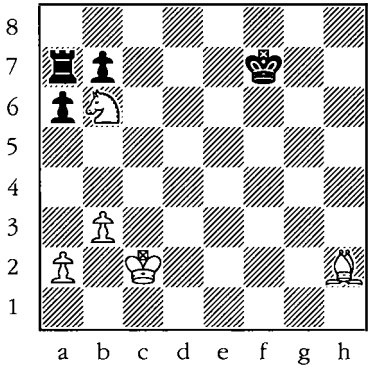


207



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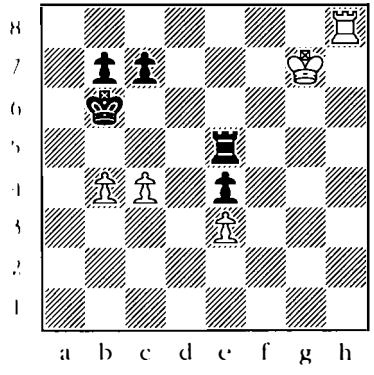

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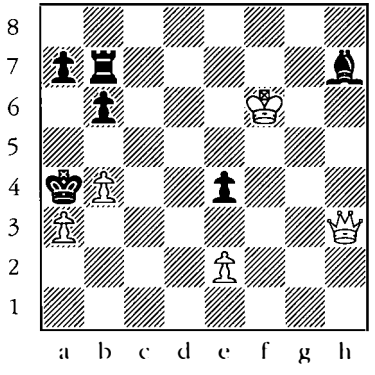
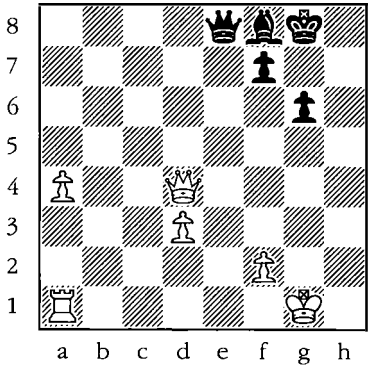


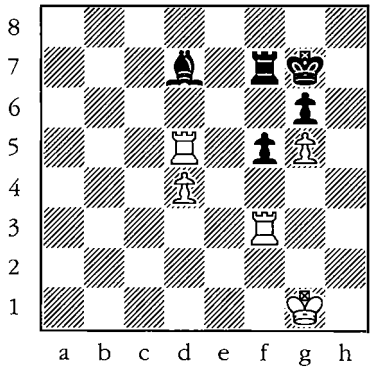
210

Skewer

Black to move.



211



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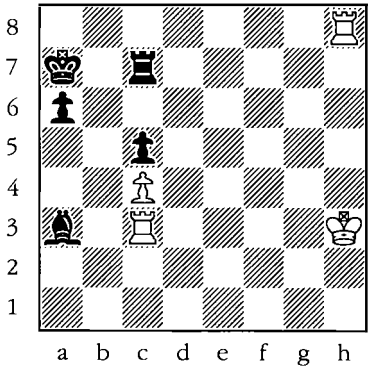

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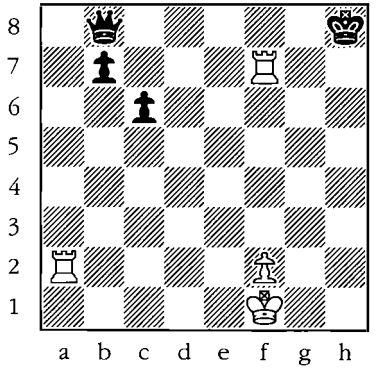

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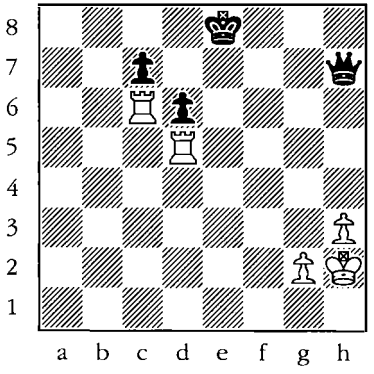

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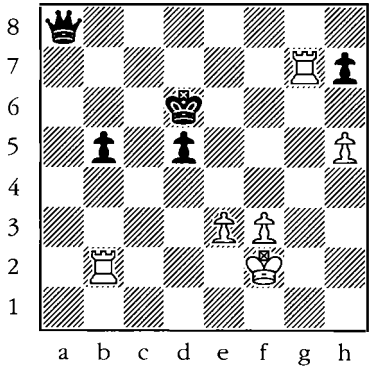
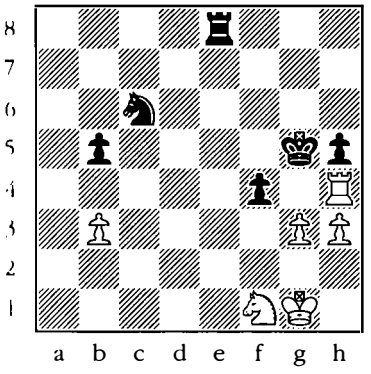


216

Remove the guard

Black to move.



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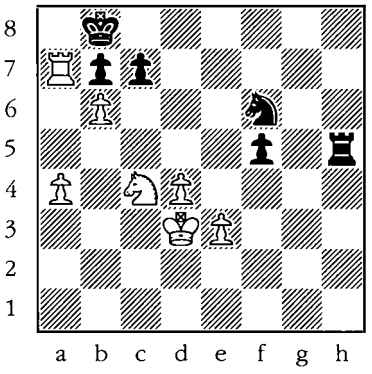

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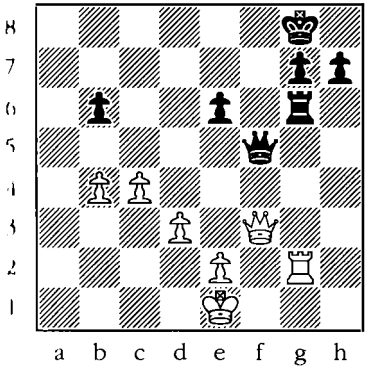

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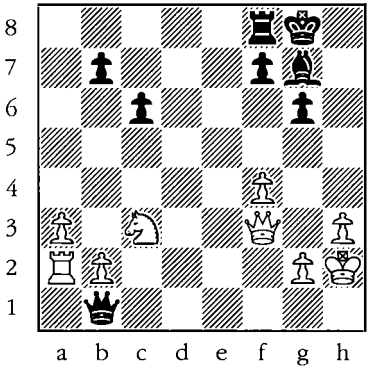

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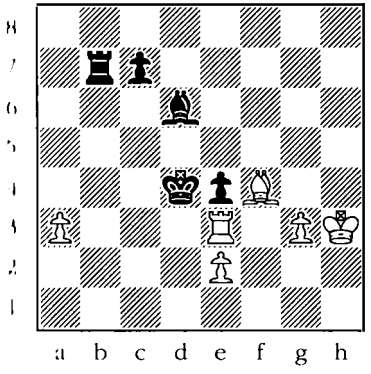

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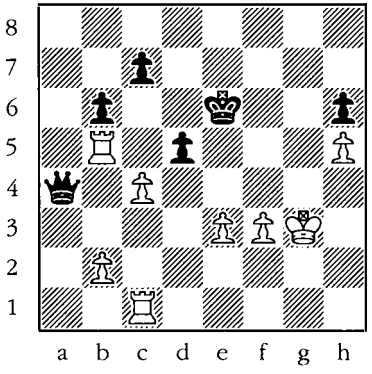
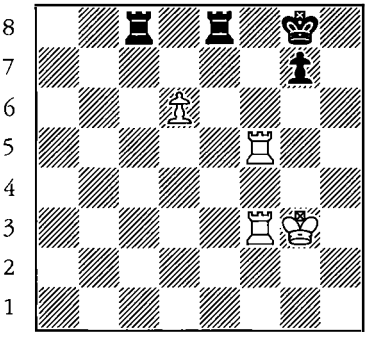


222

Double attack

White to move.



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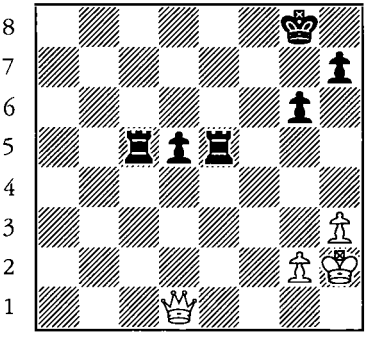

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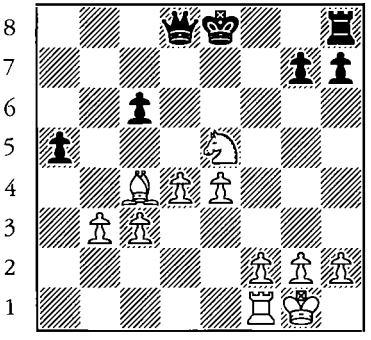

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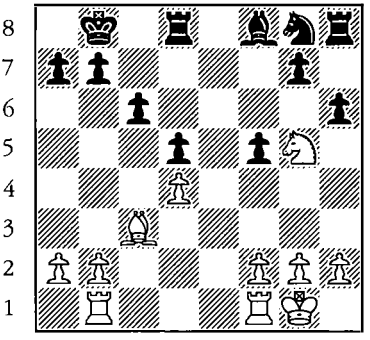

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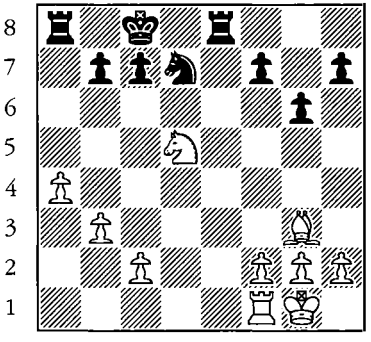

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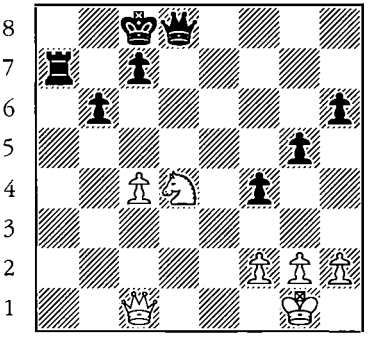
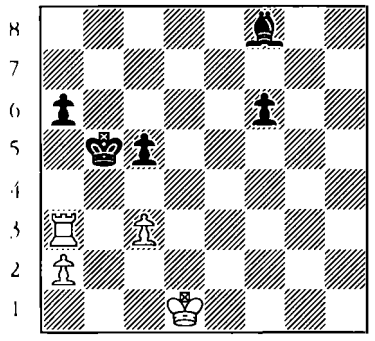


228

Discovered attack

Black to move.



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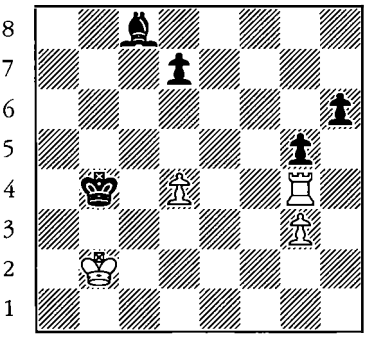

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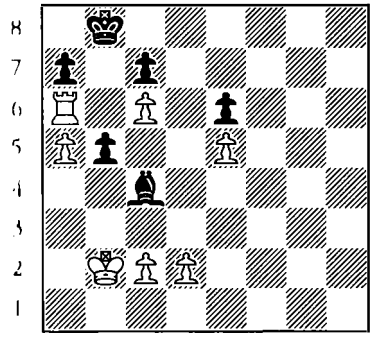

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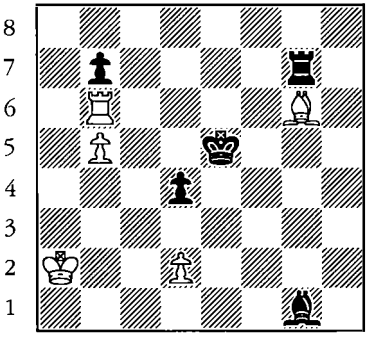

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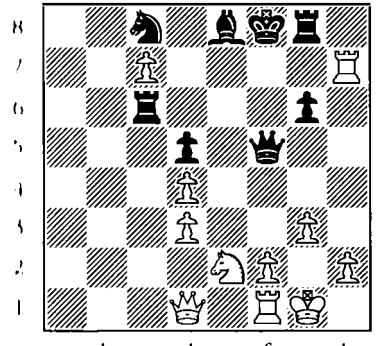

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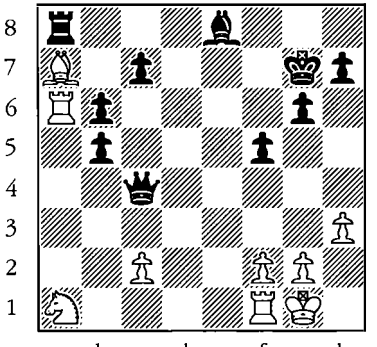
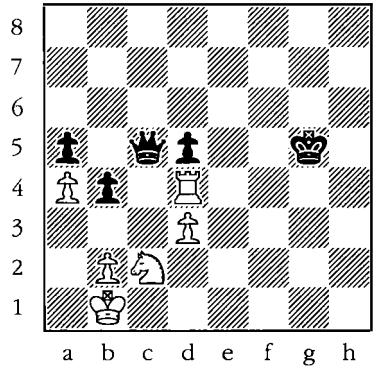


234

Attack the defender

Black to move.



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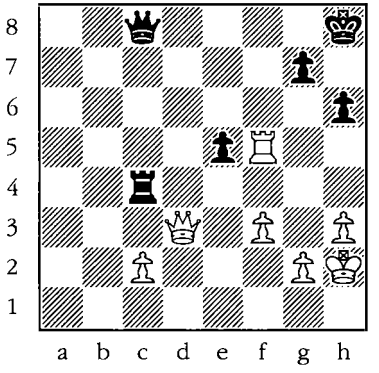

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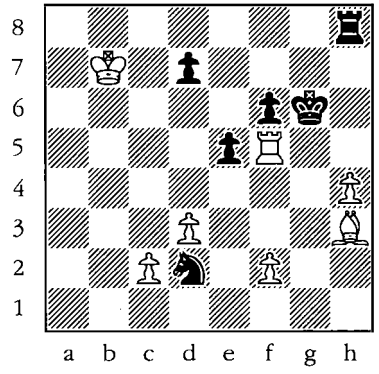

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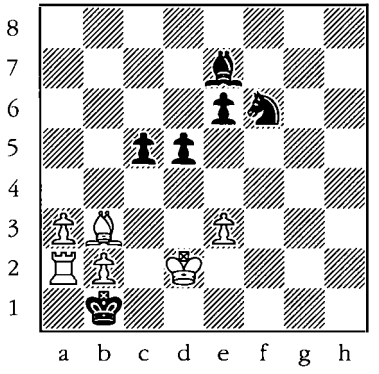

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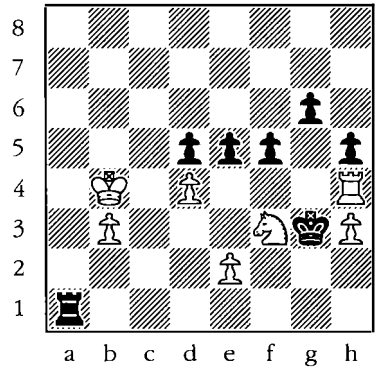

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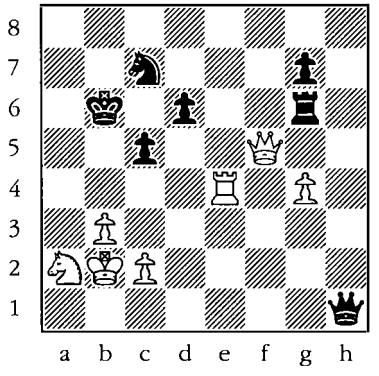
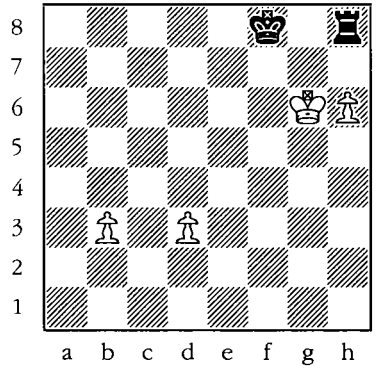


240

Zugzwang

White to move.



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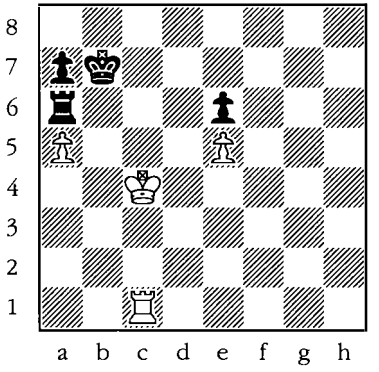

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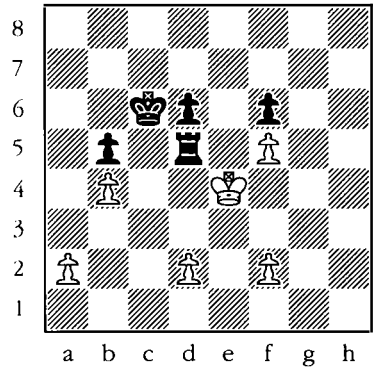

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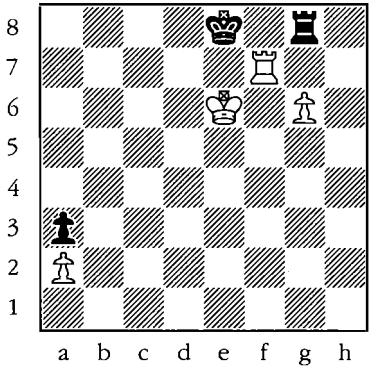

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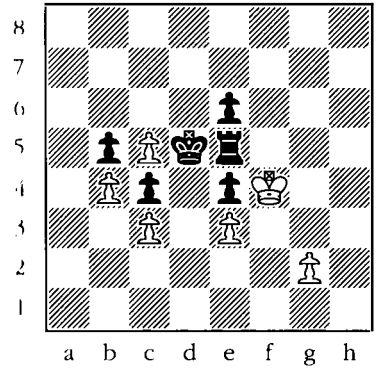

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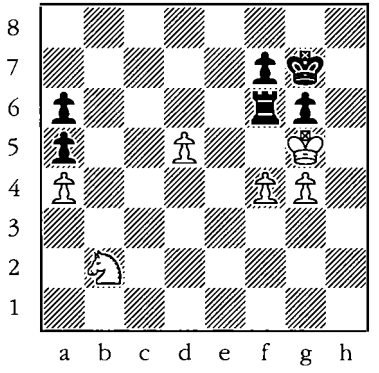
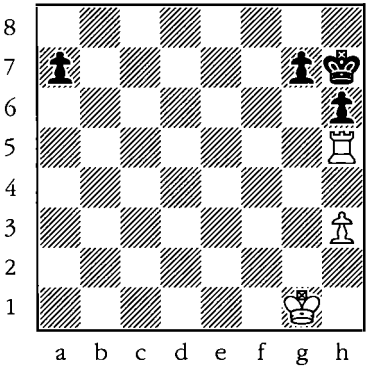


246

Close the trap

Black to move.



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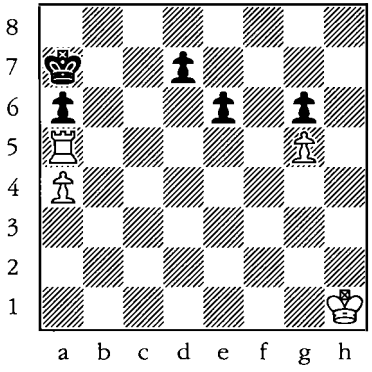

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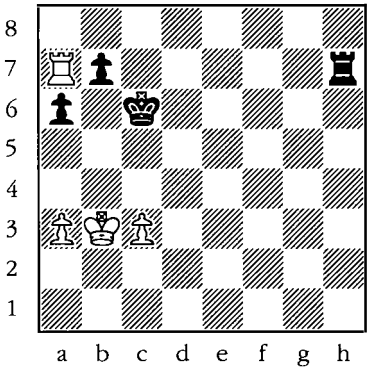

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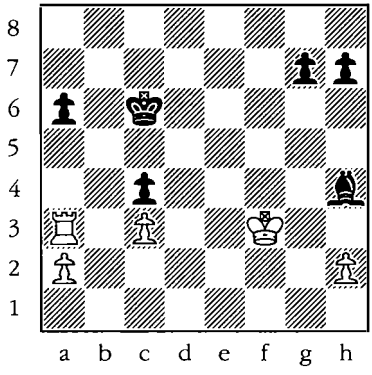

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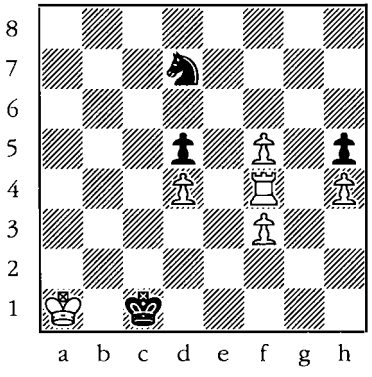

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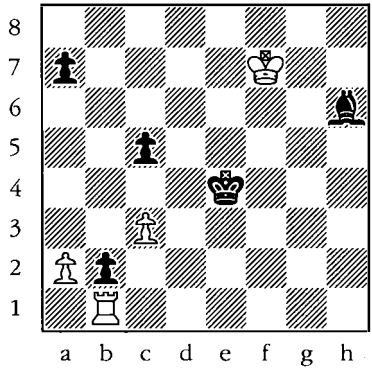
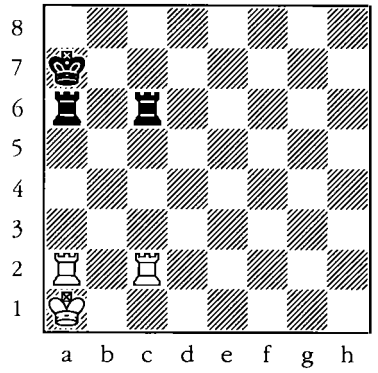


252

Pin

Black to move.



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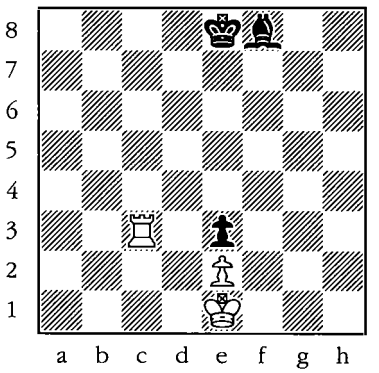

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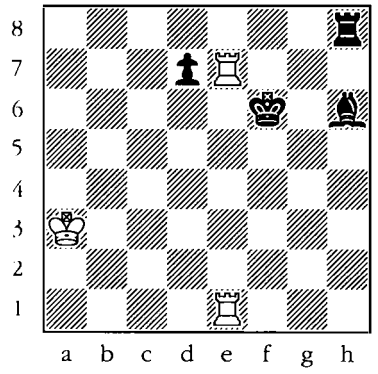

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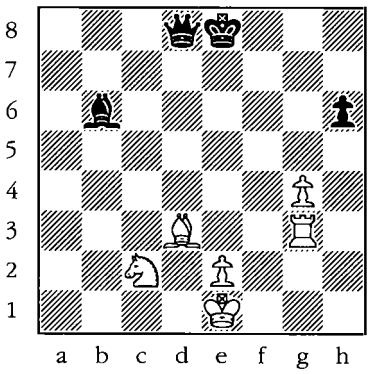

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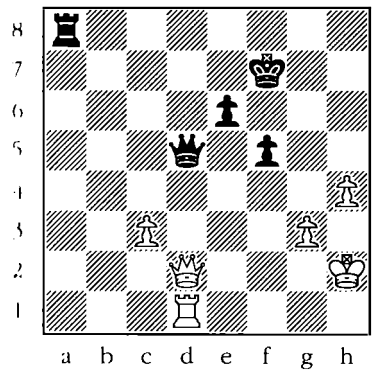

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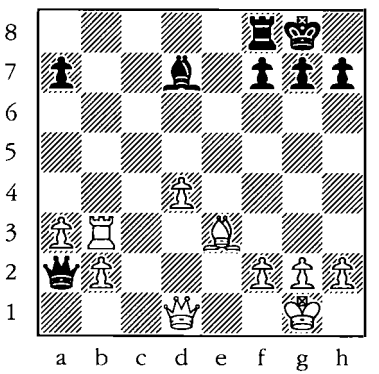
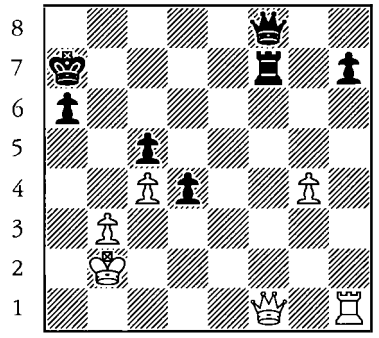


258

The cross-pin

Win a rook or get a queen for a rook

White to move.



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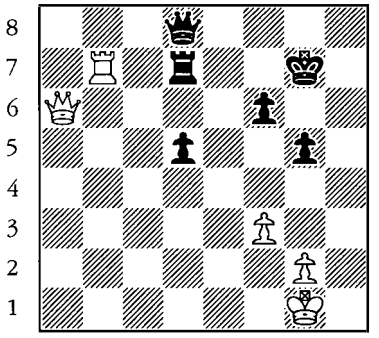

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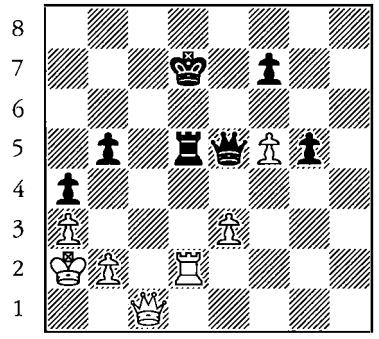
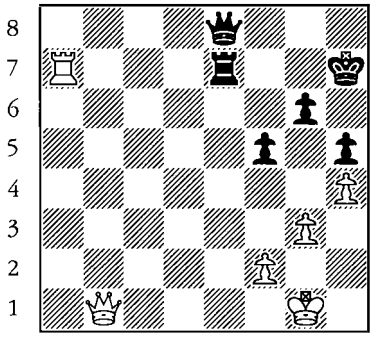


261



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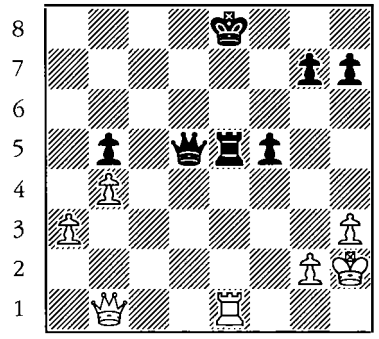

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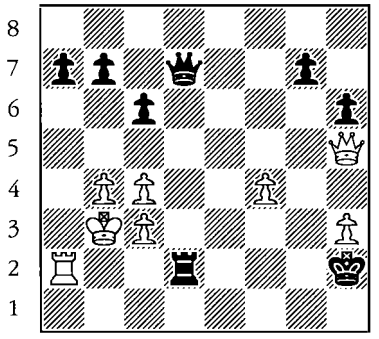
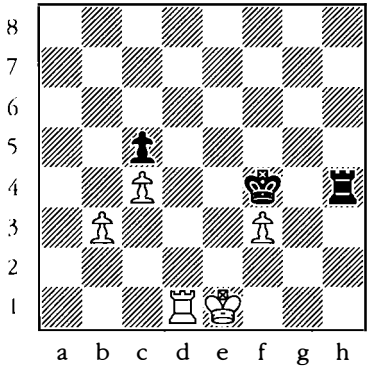


264

Mate threat

Black to move.



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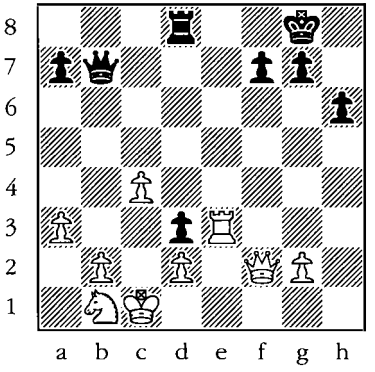

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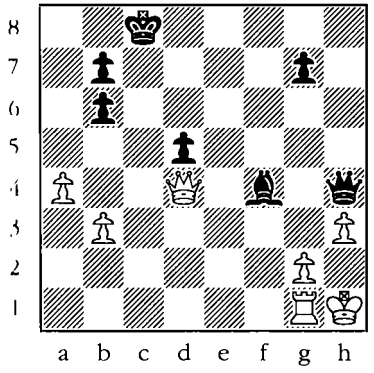

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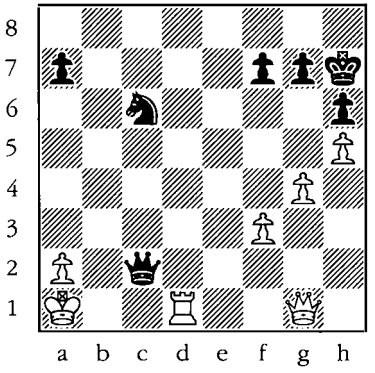

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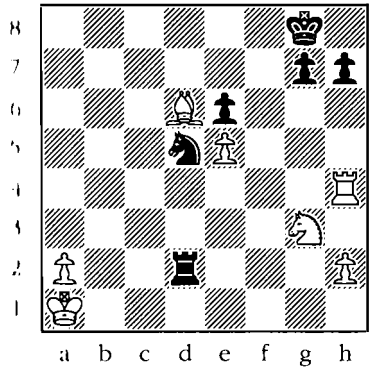

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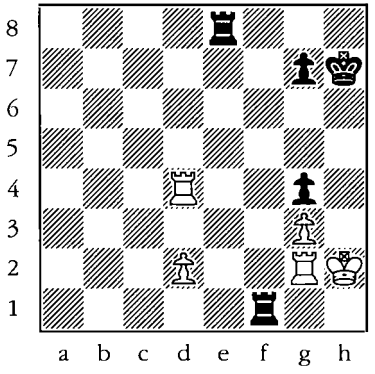


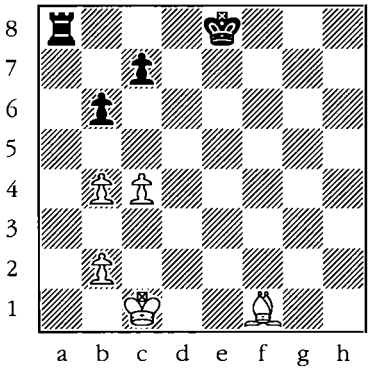
270

Winning a Bishop

Giving check to win a bishop

Skewer check

Black to move.



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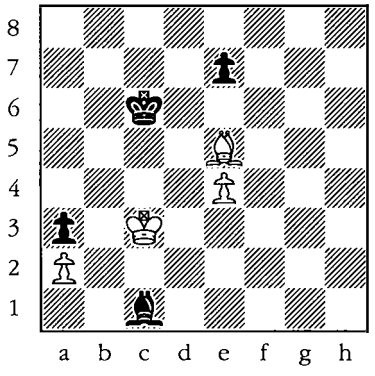

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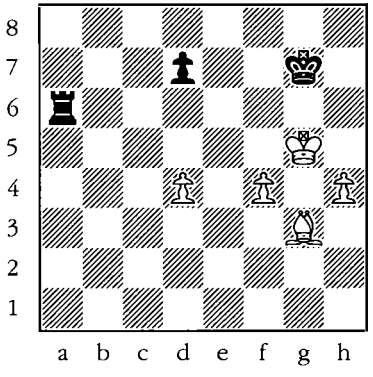

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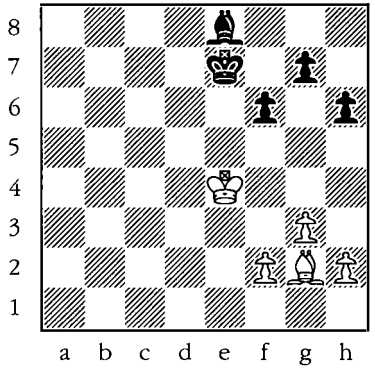

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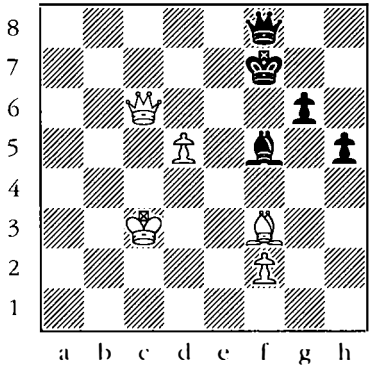

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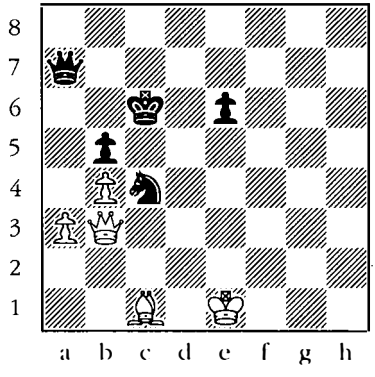
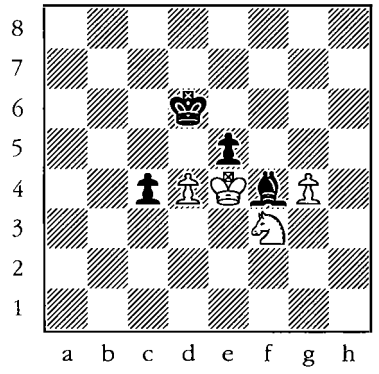


276

Remove the guard

White to move.



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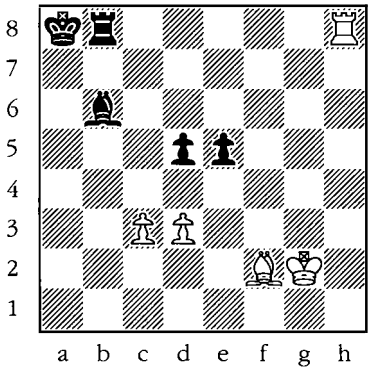

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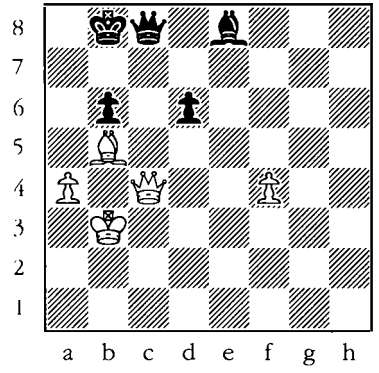

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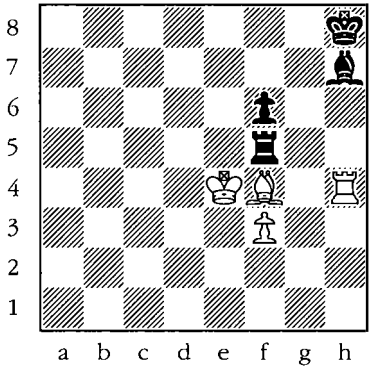

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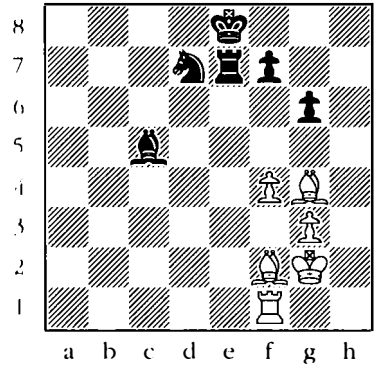

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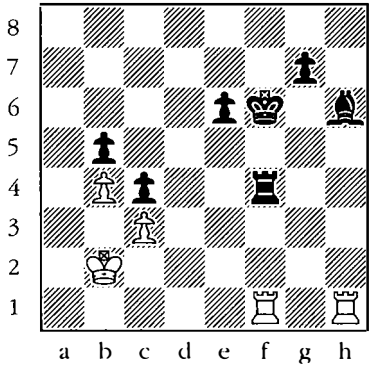
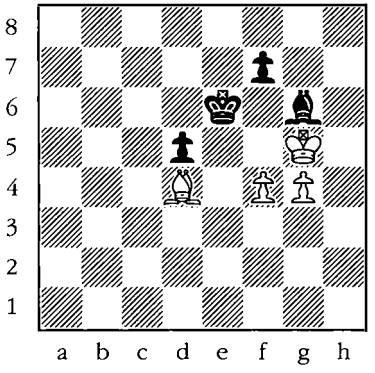


282

Double attack

White to move.



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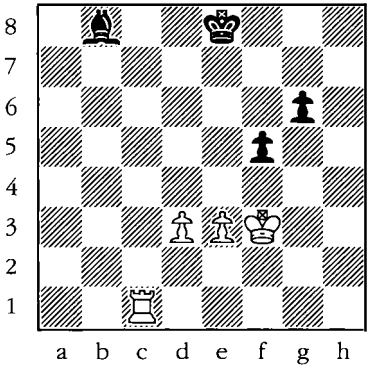

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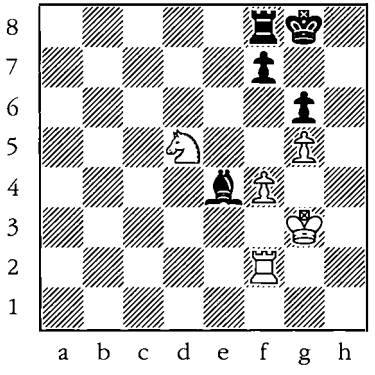

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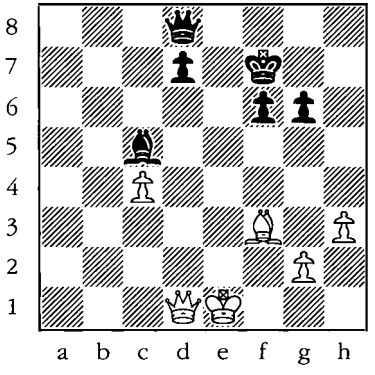

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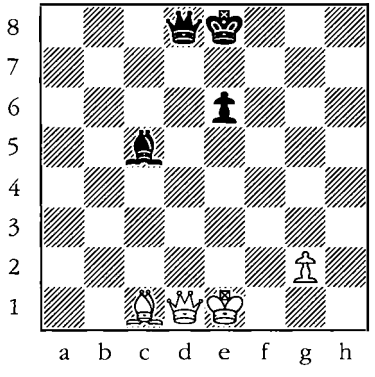

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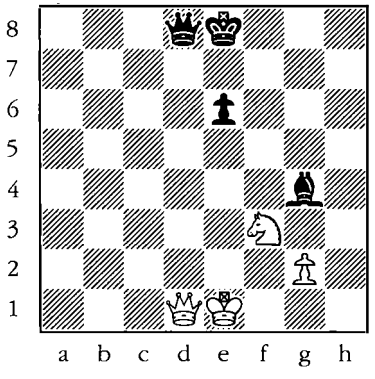
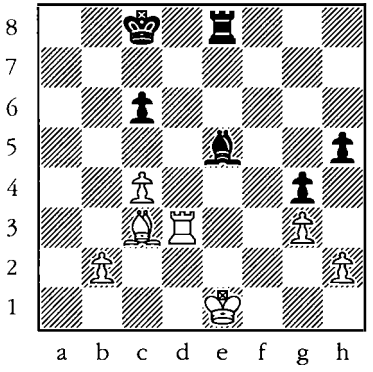


288

Double check

Black to move.



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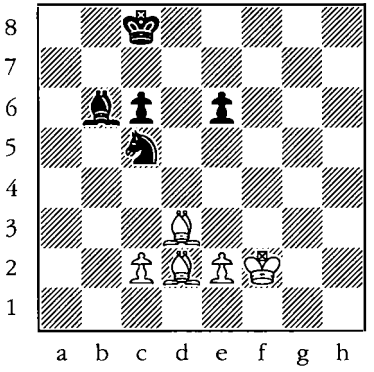

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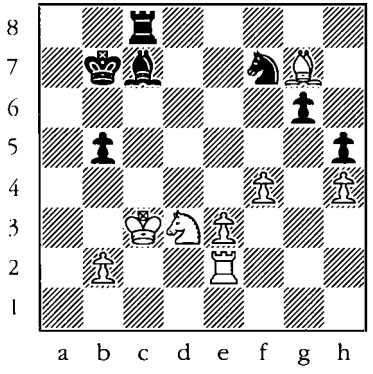

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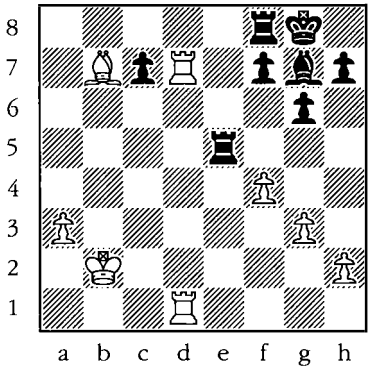

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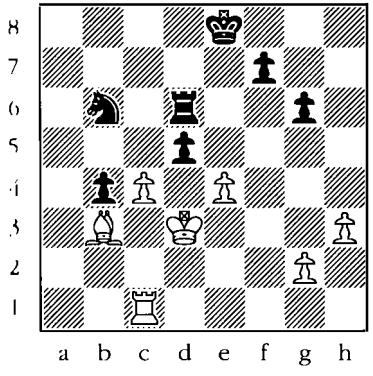

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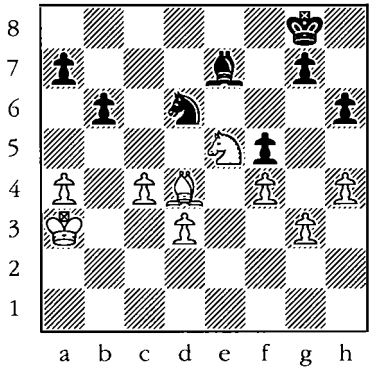
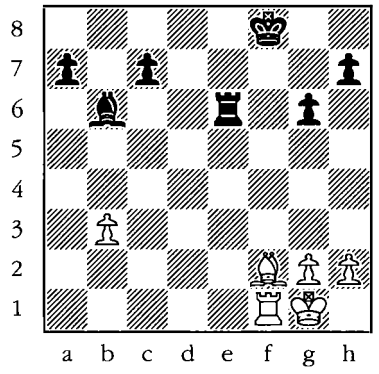


294

Discovered check

White to move.



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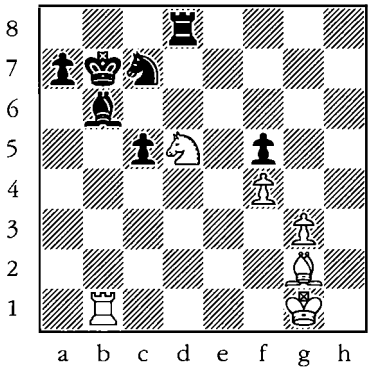

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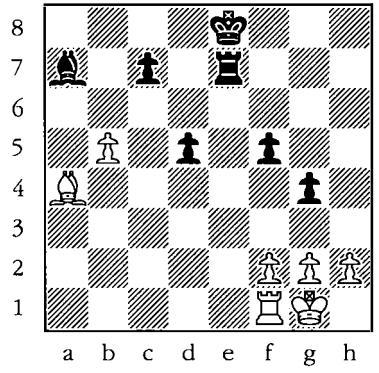

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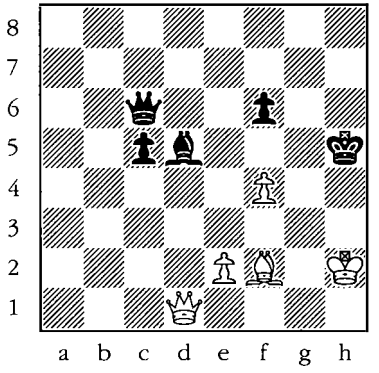

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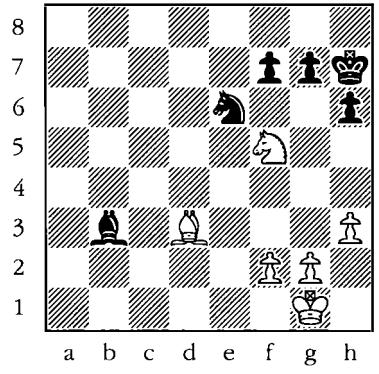

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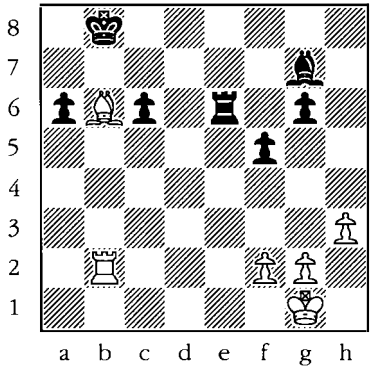
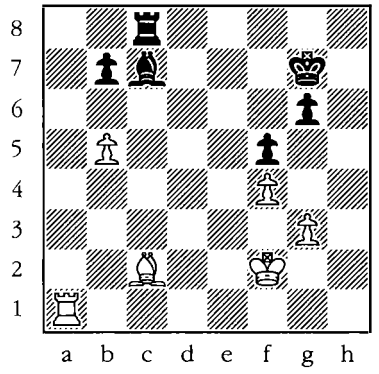


300

Discovered attack

Black to move.



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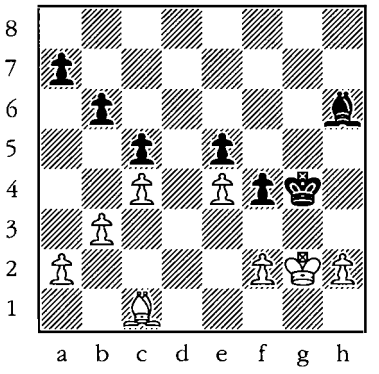

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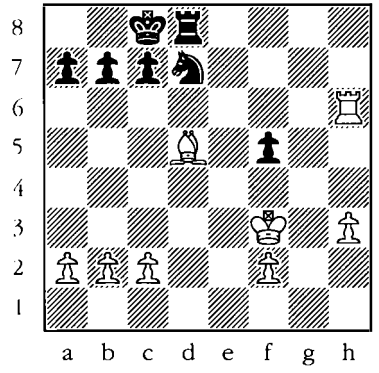

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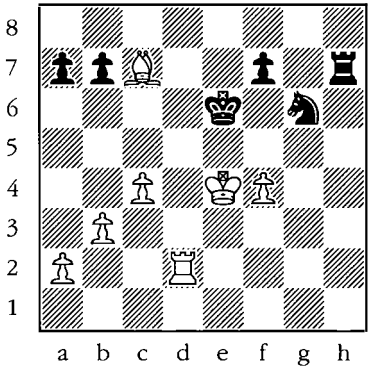

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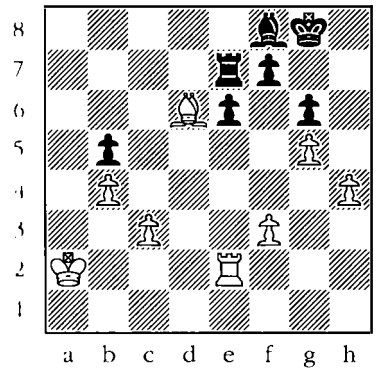

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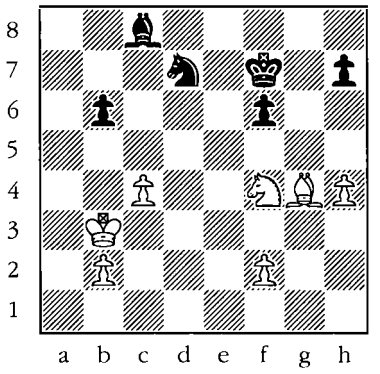
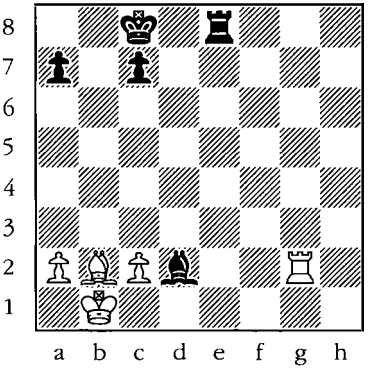


306

Give a check that forces White to sacrifice the bishop

Black to move.



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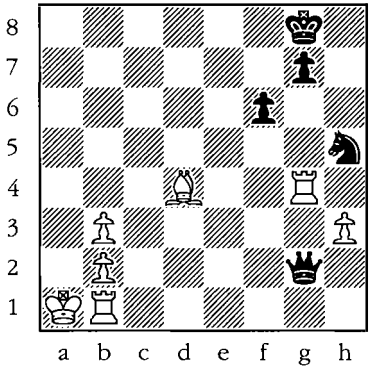

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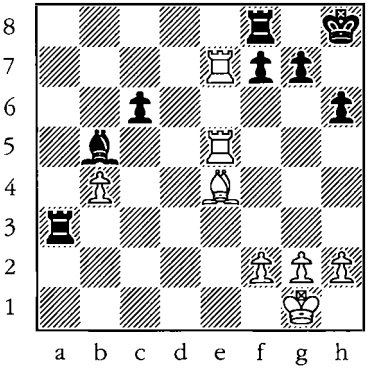

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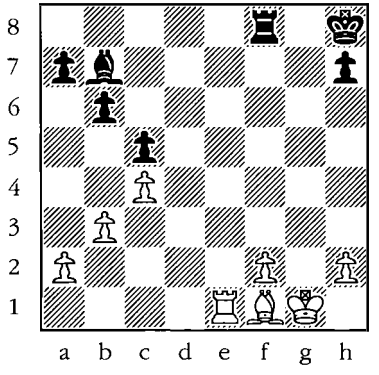

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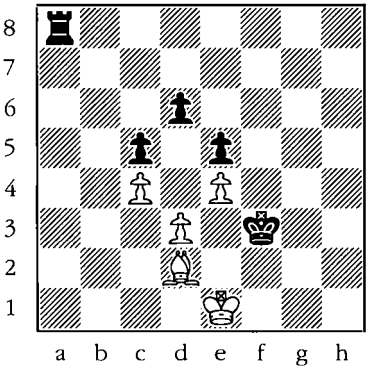

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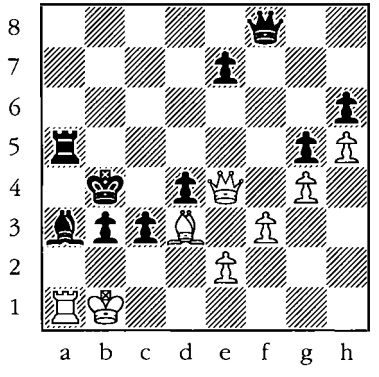
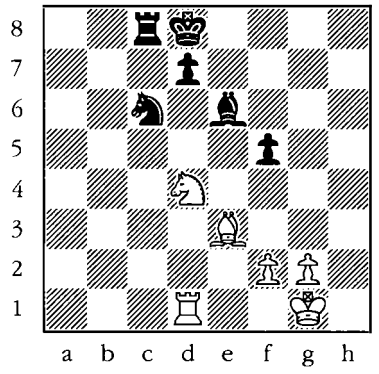


312

Pin

White to move.



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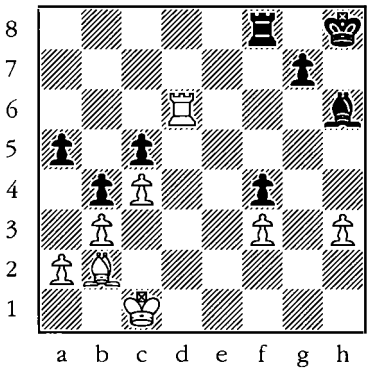

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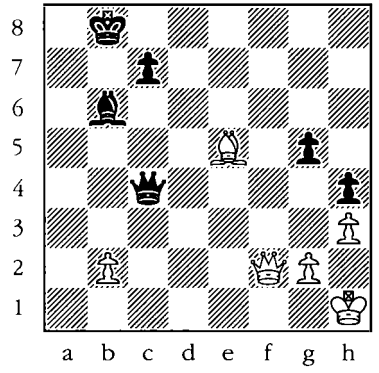

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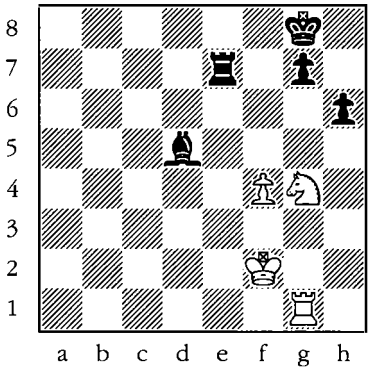

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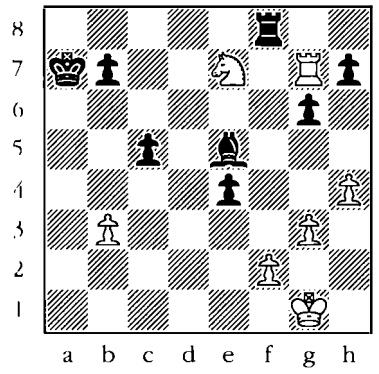

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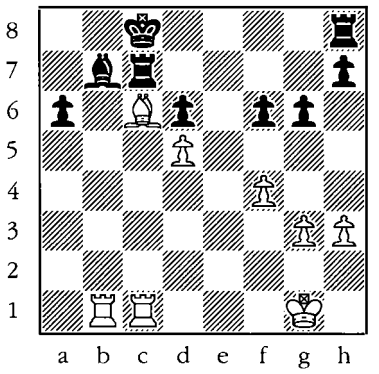
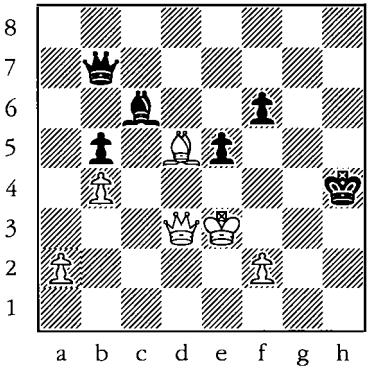


318

Reinforce the attack

White to move.



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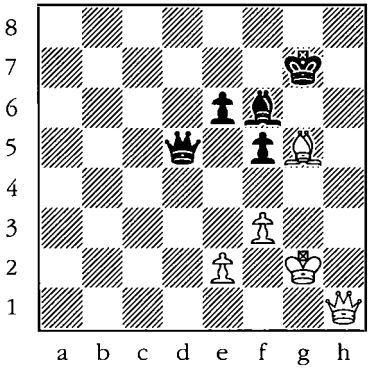

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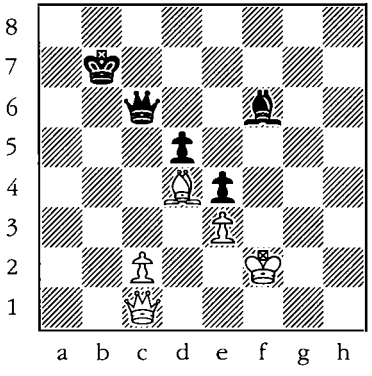

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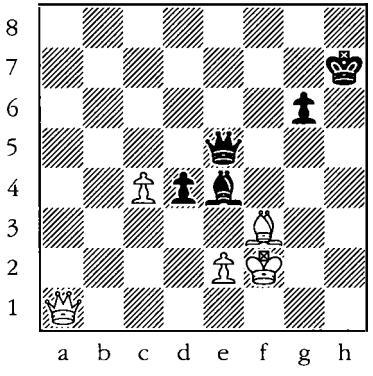

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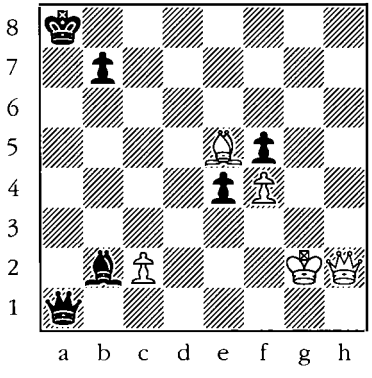

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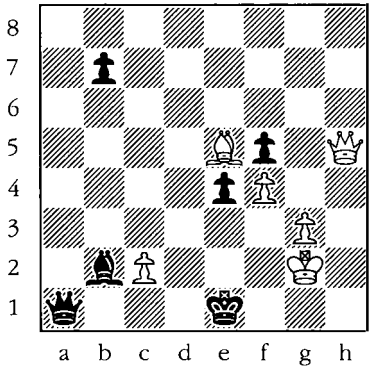
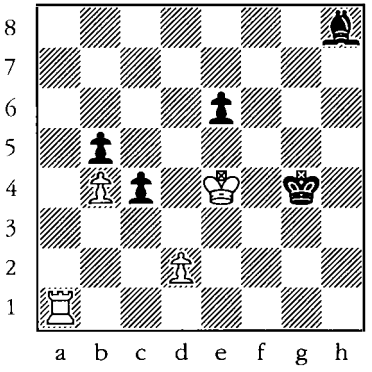


324

Give two checks in a row to win the bishop

White to move.



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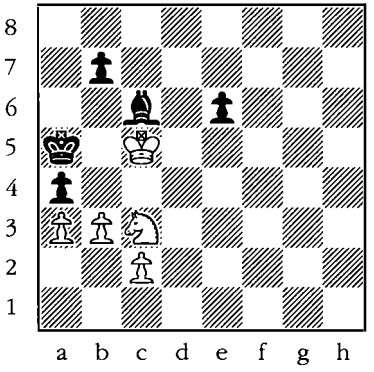

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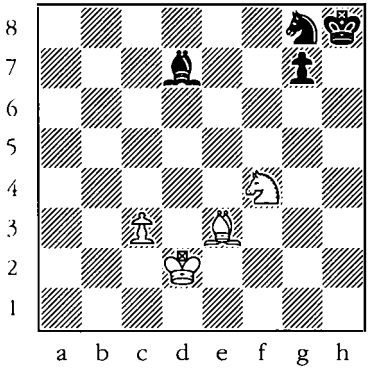

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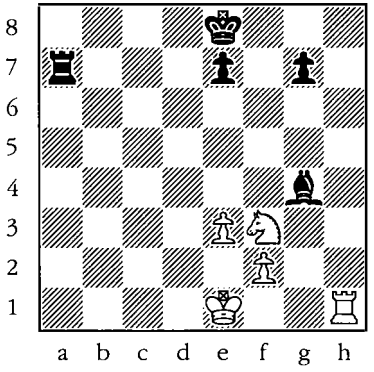

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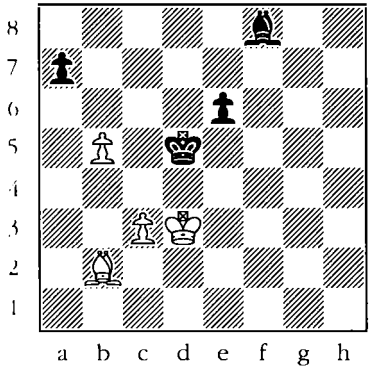

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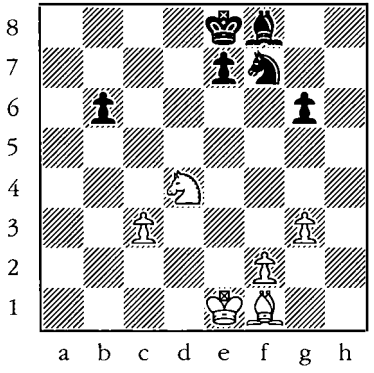
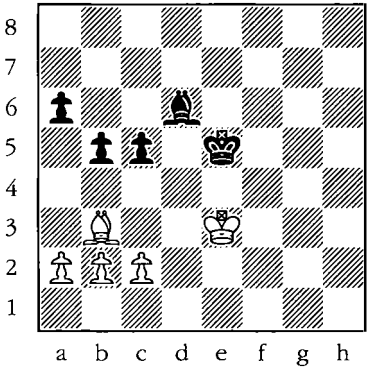


330

Winning a bishop without giving check on the first move

Trap the bishop

Black to move.



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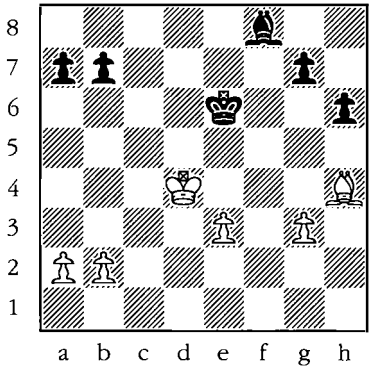

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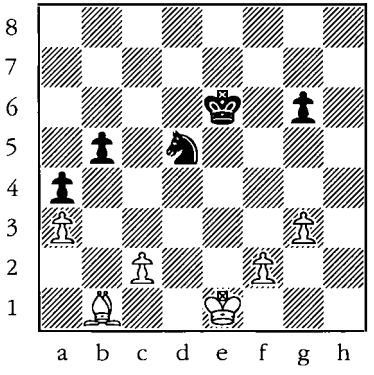

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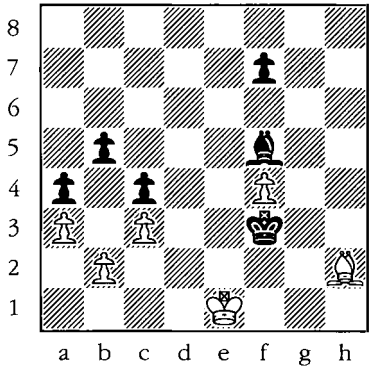

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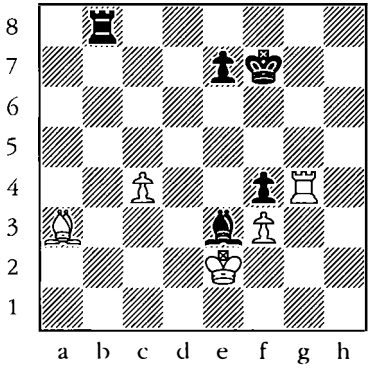

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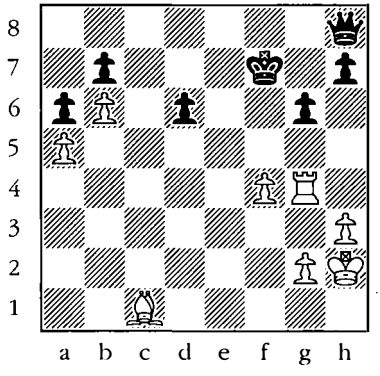
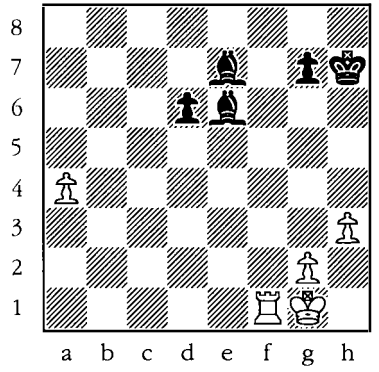


336

Skewer

White to move.



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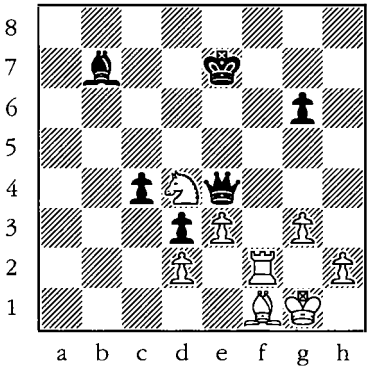

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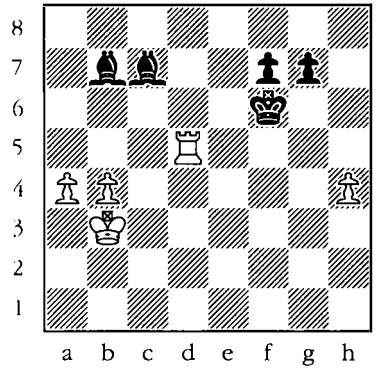

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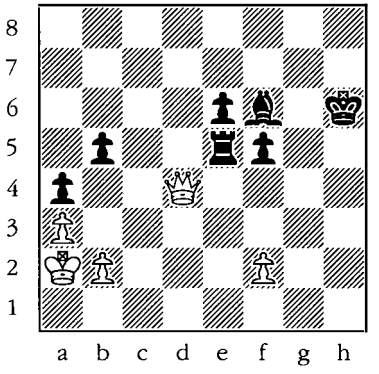

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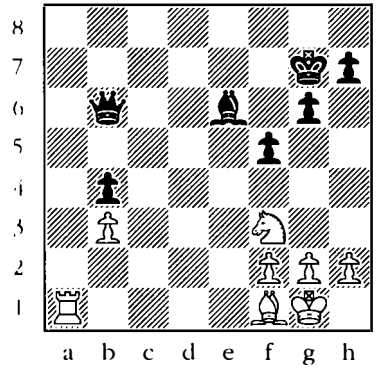

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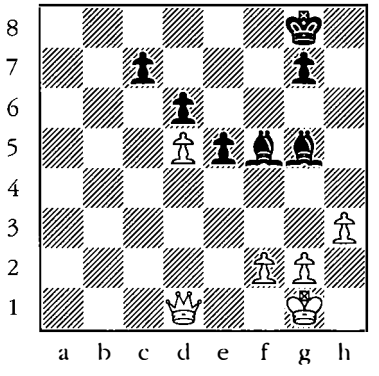
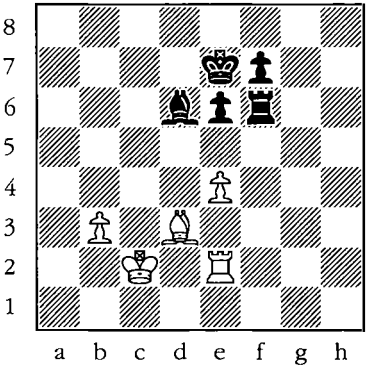


342

Double attack

White to move.



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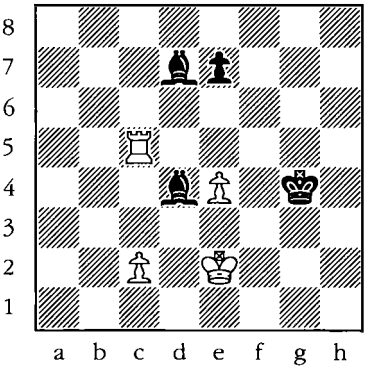

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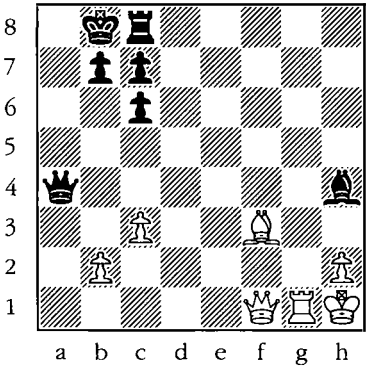

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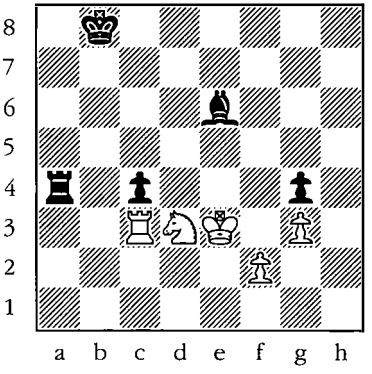

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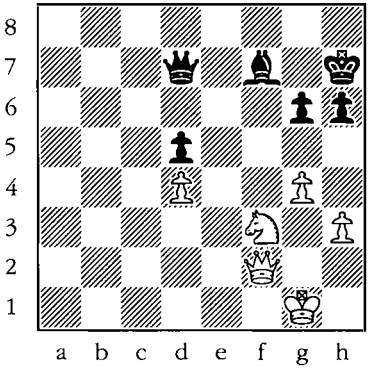

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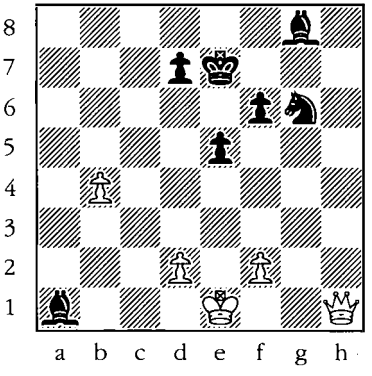
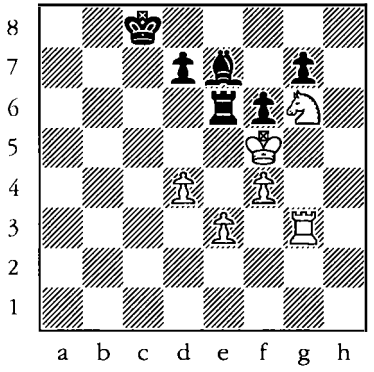


348

Attack the defender

White to move.



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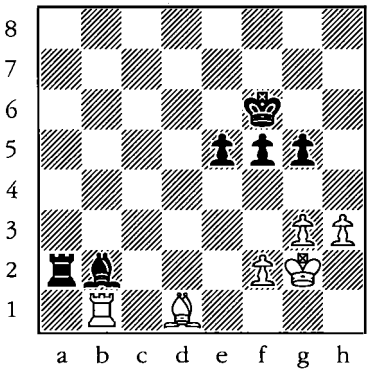

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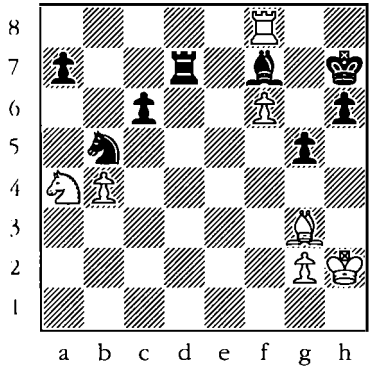

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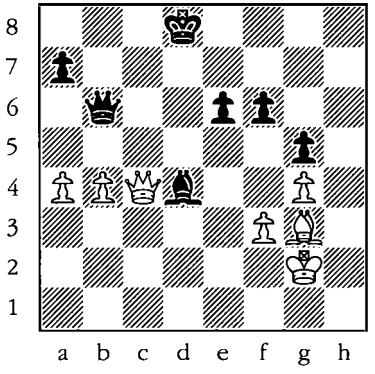

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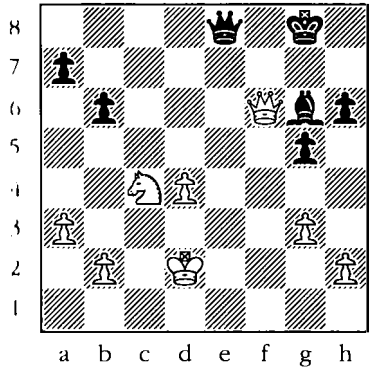

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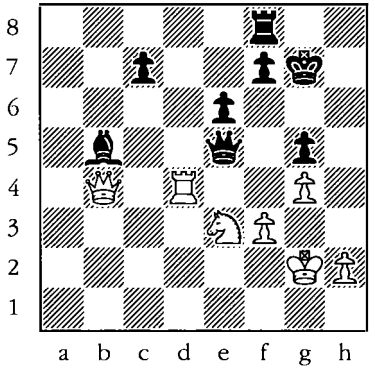
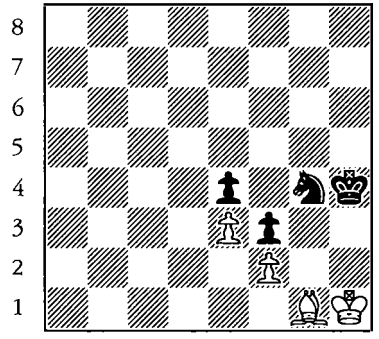


354

Zugzwang

Black to move.



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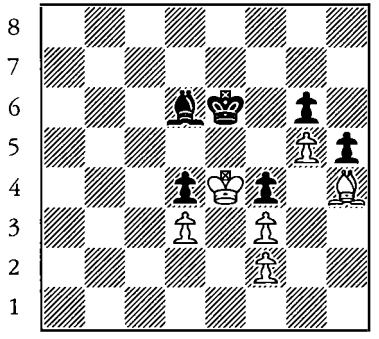

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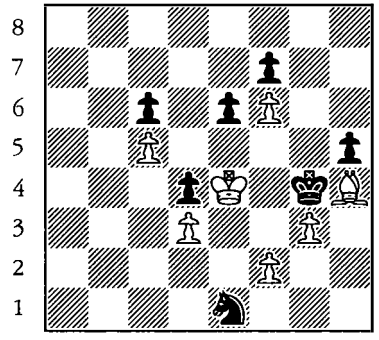

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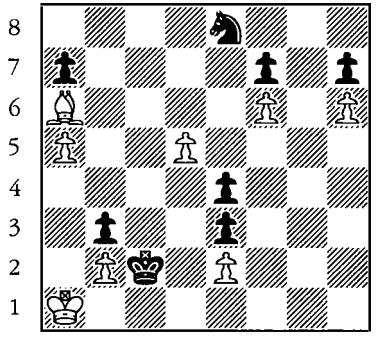

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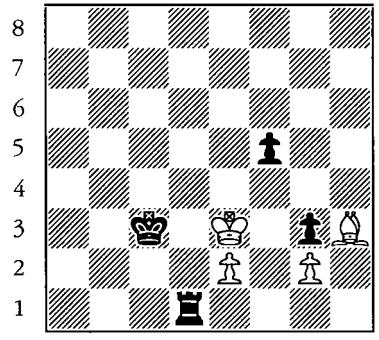

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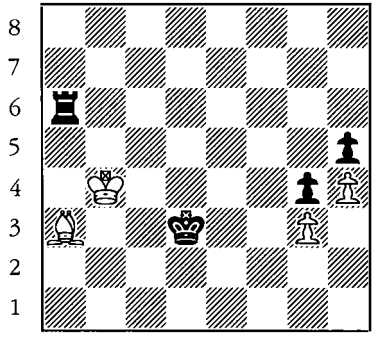
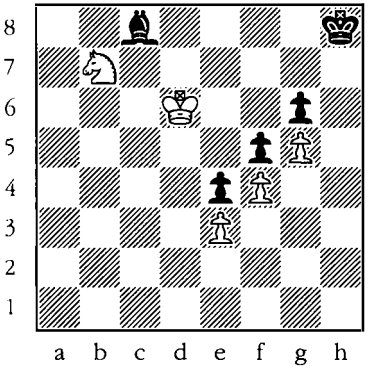


360

Close the trap

White to move.



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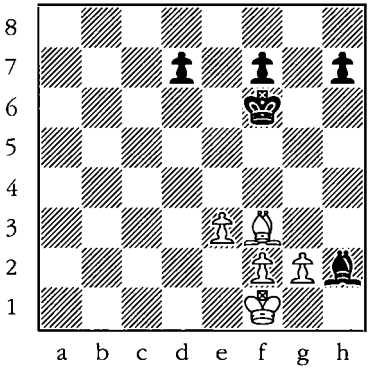

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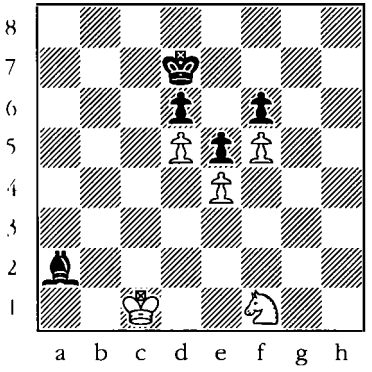

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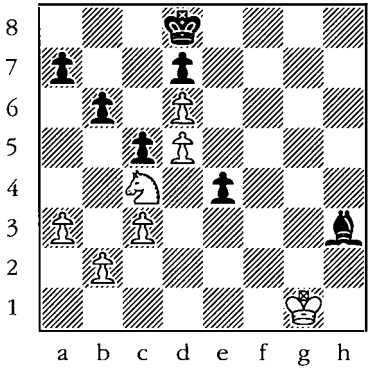

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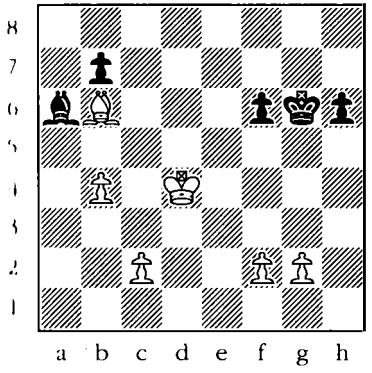

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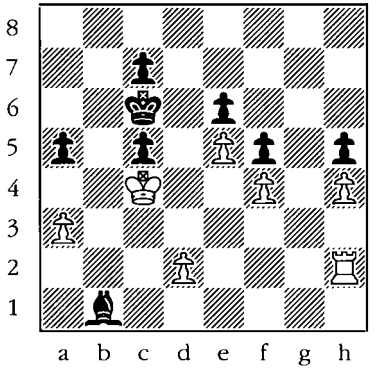
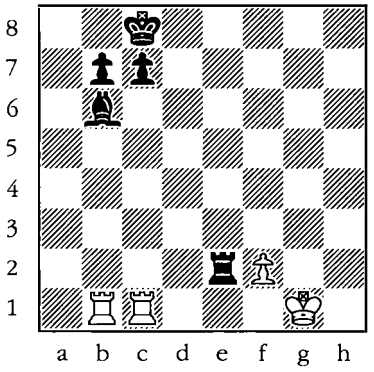


366

Pin

White to move.



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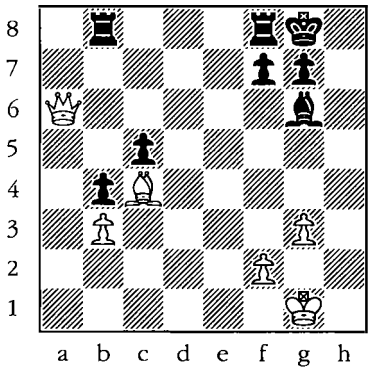

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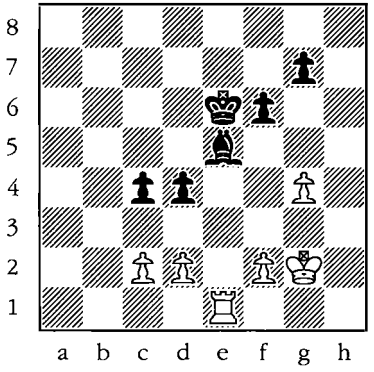

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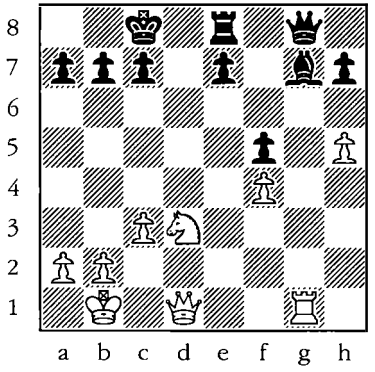

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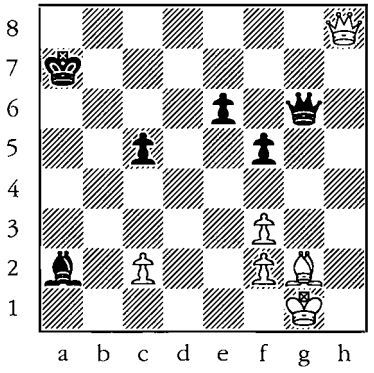

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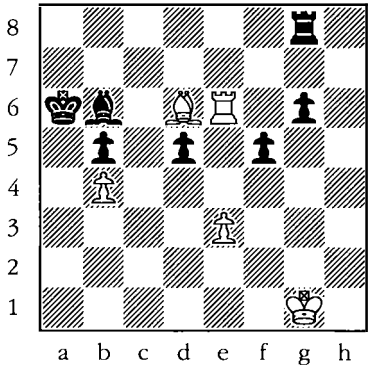
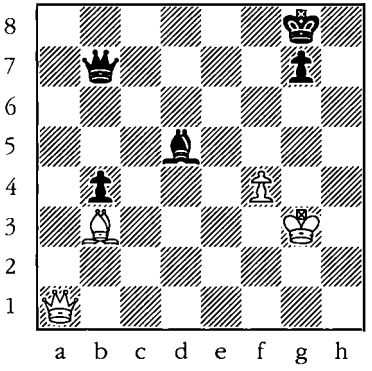


372

The cross-pin

White to move.



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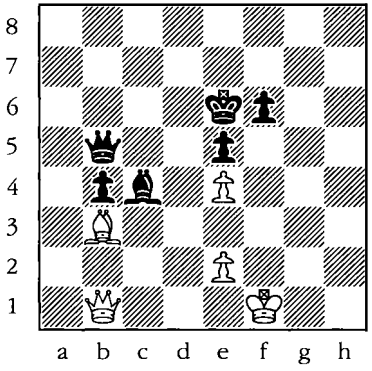

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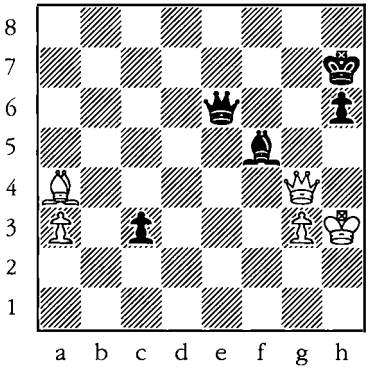

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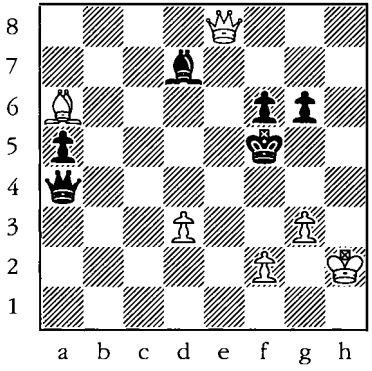

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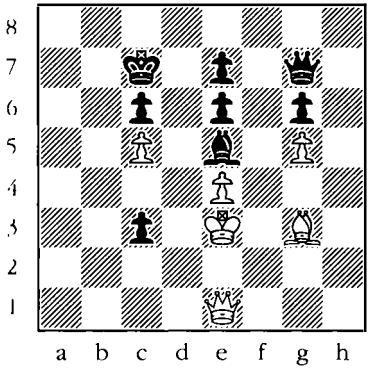

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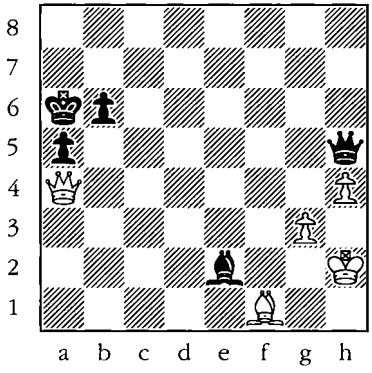


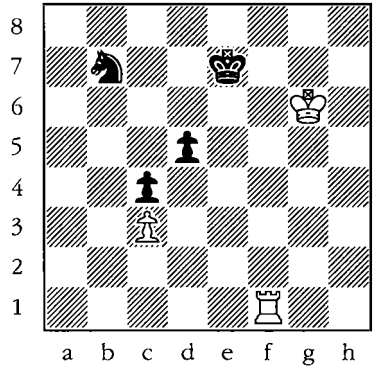
378

Winning a Knight

Giving check to win a knight

Skewer check

White to move.



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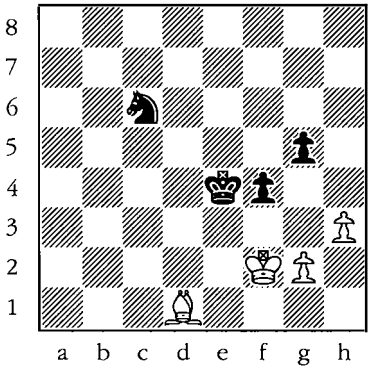

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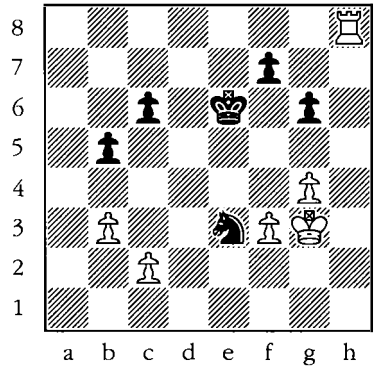

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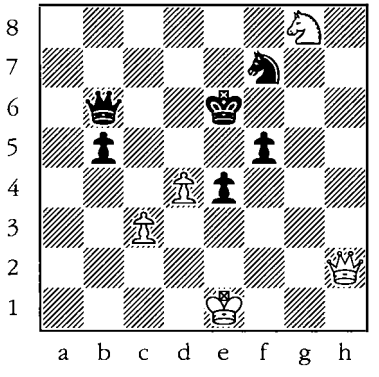

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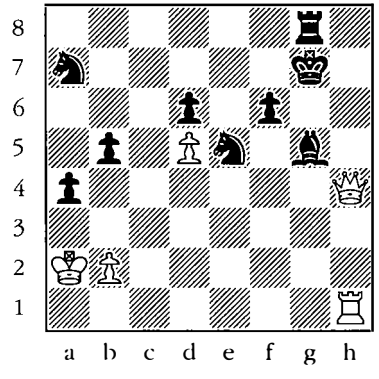

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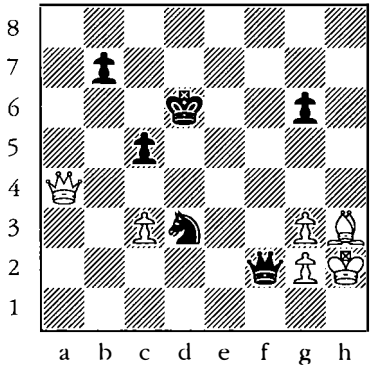
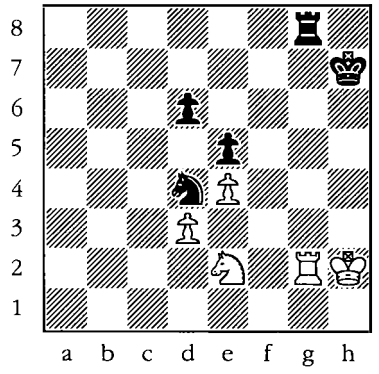


384

Remove the guard

Black to move.



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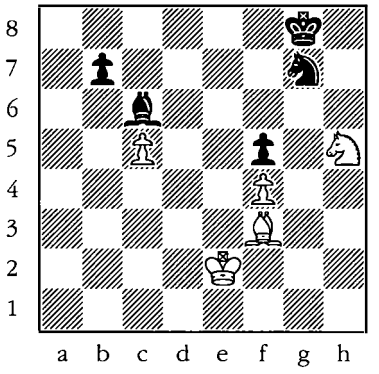

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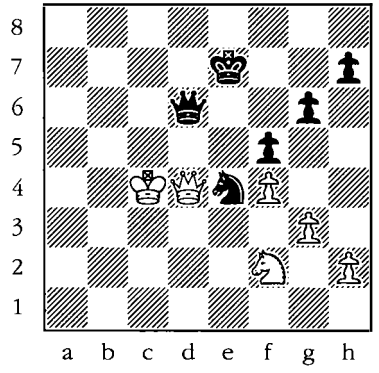

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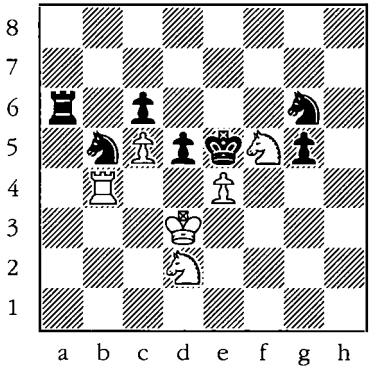

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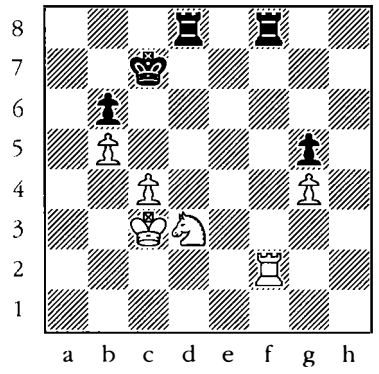

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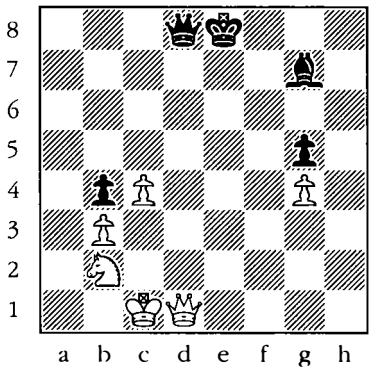
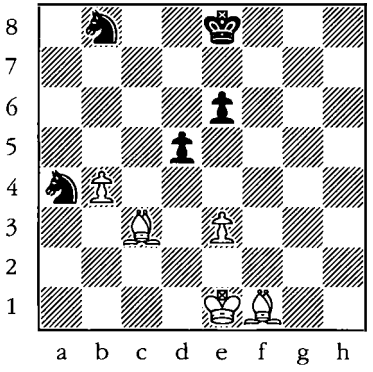


390

Double attack

White to move.



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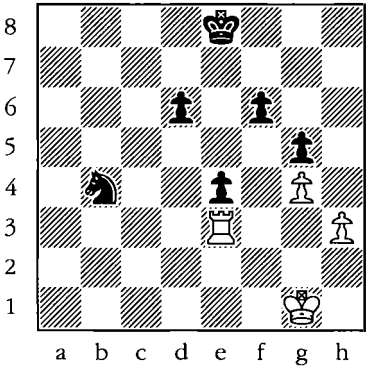

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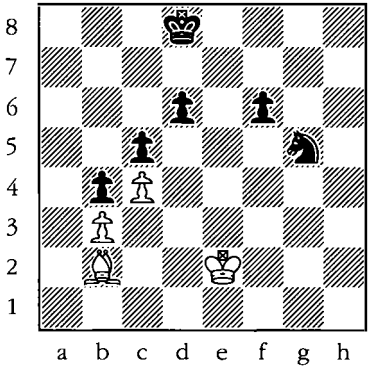

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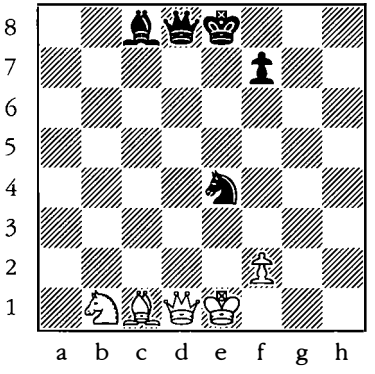

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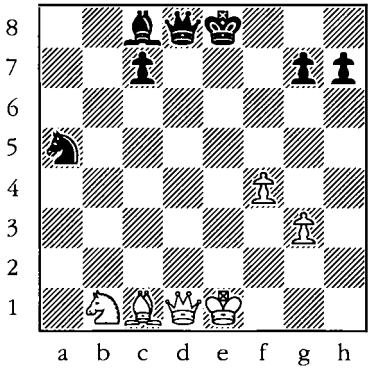

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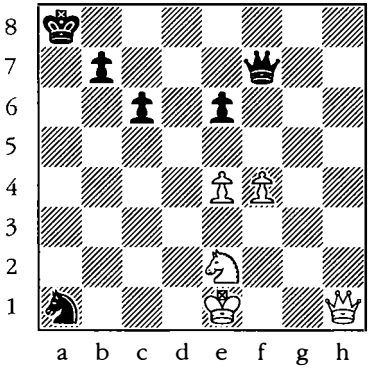
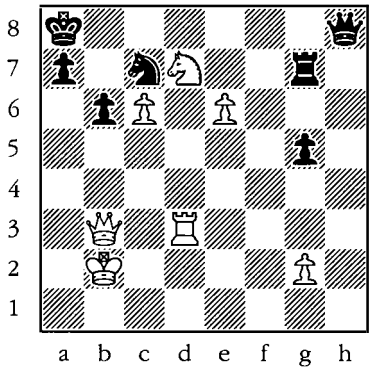


396

Discovered check

Black to move.



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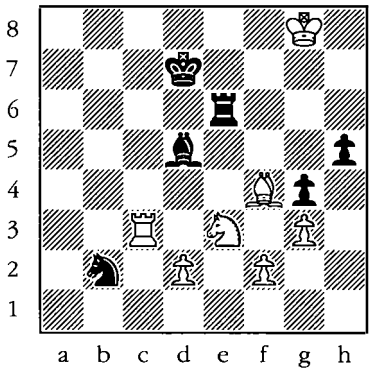

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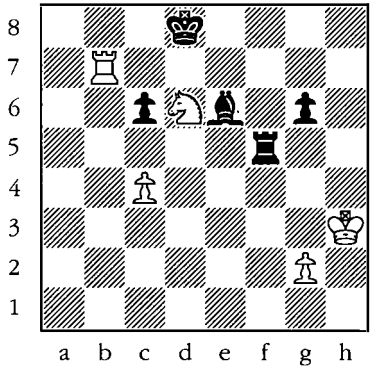

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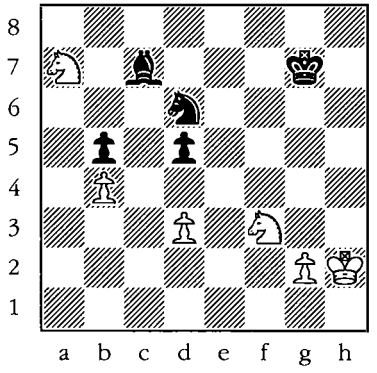

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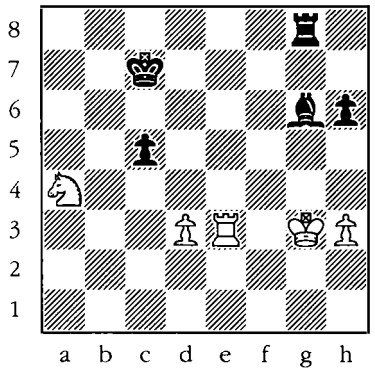

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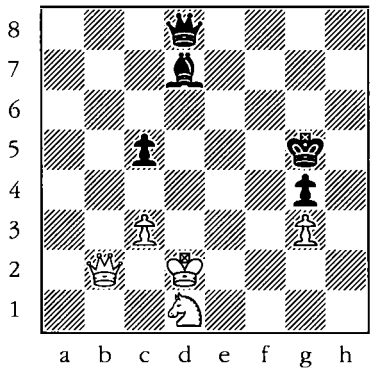
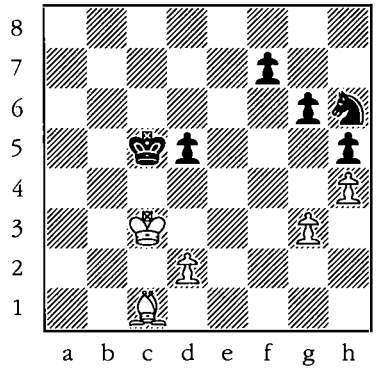


402

Discovered attack

White to move.



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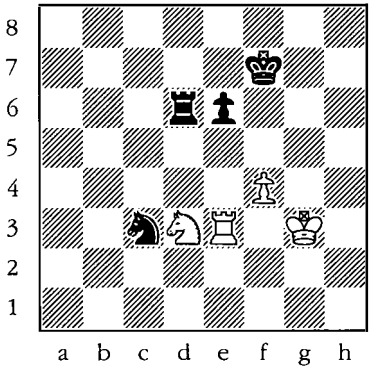

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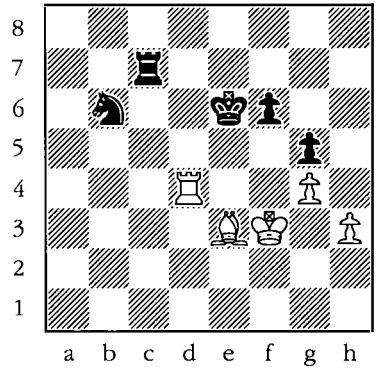

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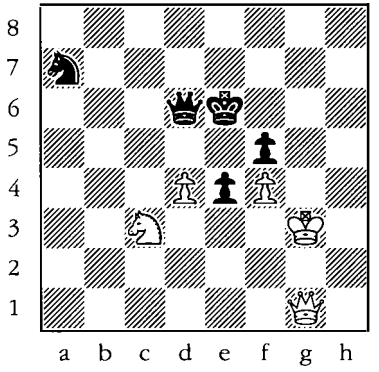

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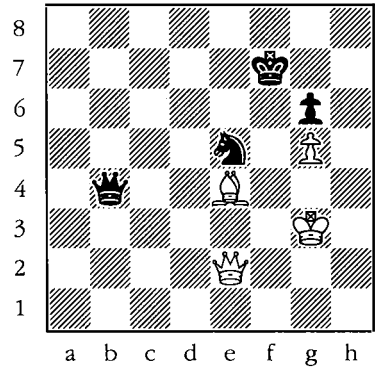

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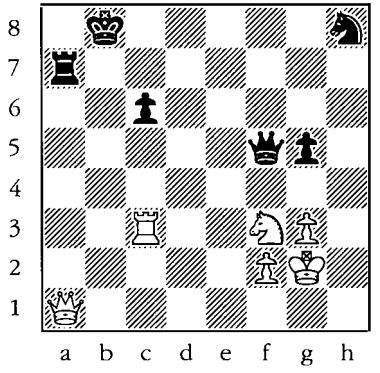
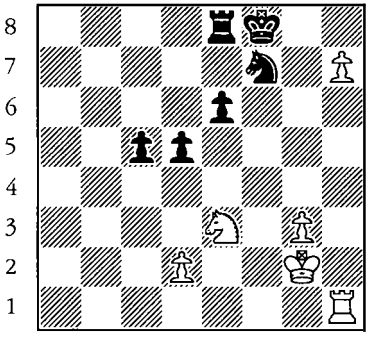


408

Give a check that forces Black to sacrifice the knight

White to move.



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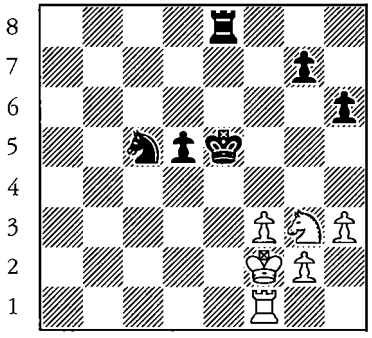

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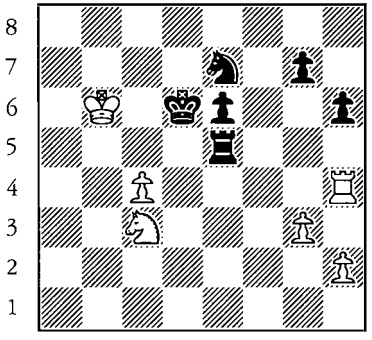

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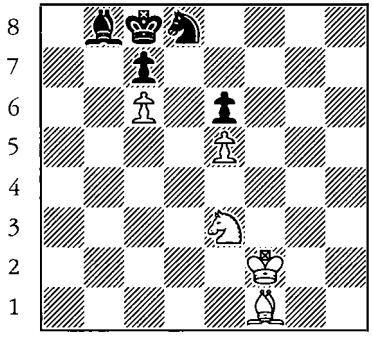

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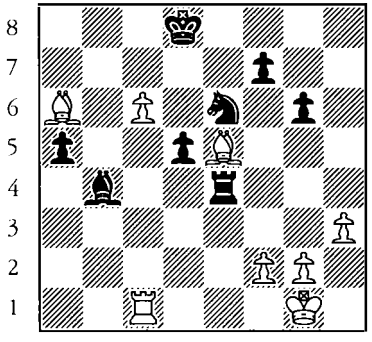

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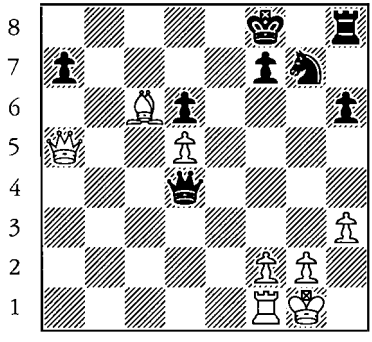
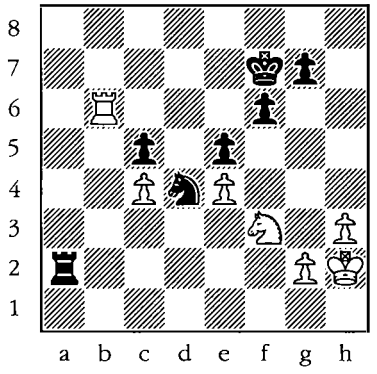


414

Pin

Black to move.



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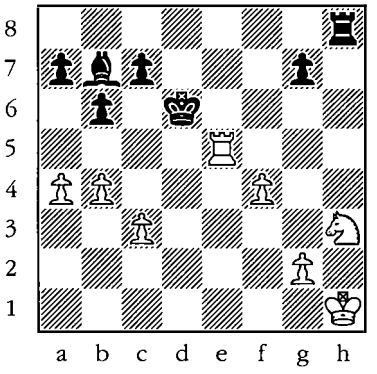

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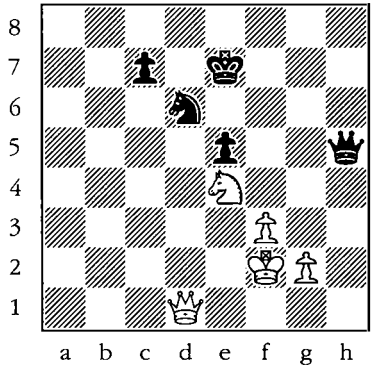

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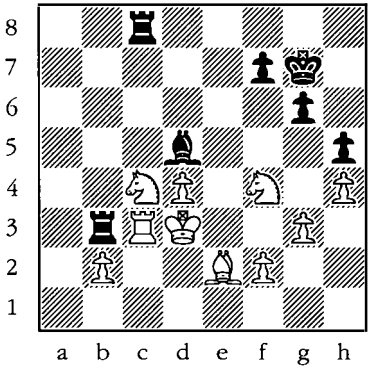

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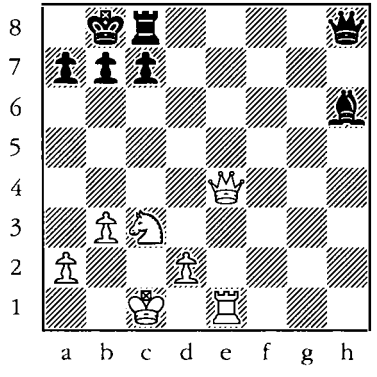

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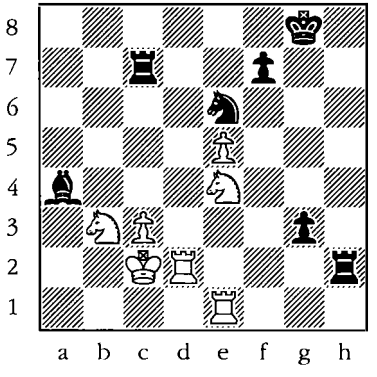
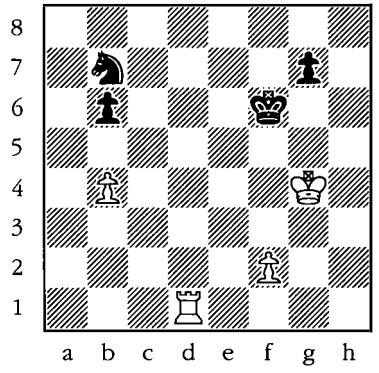


420

Winning a knight without giving check on the first move

Trap the knight

White to move.



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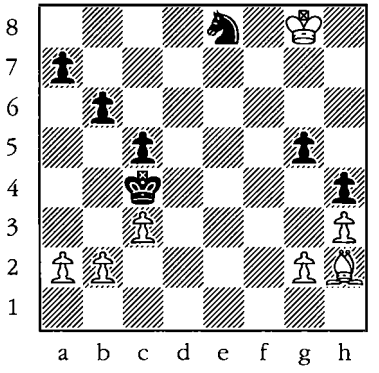

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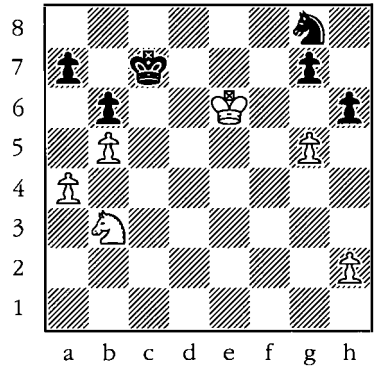
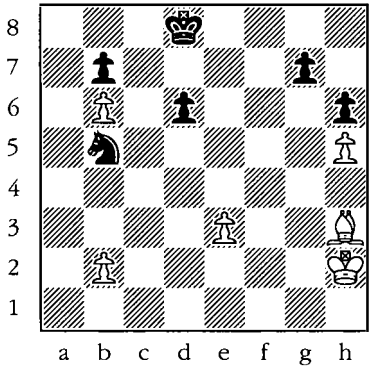


423



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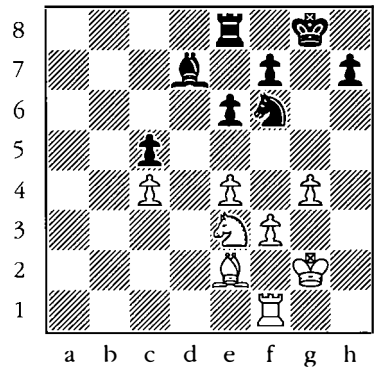

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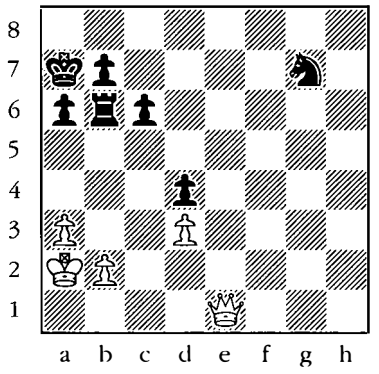
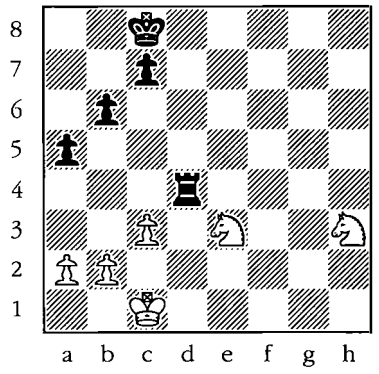


426

Skewer

Black to move.



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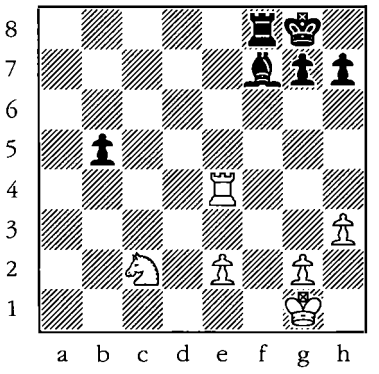

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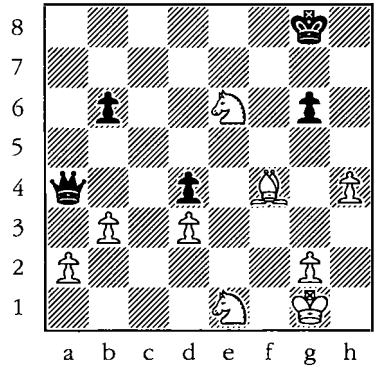

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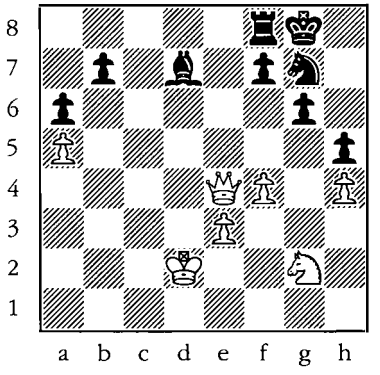

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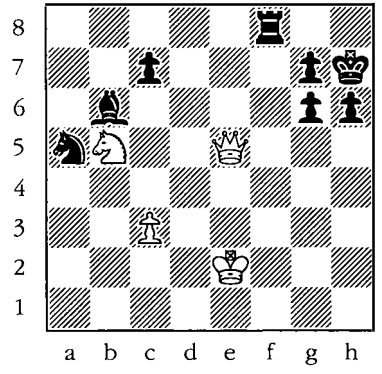

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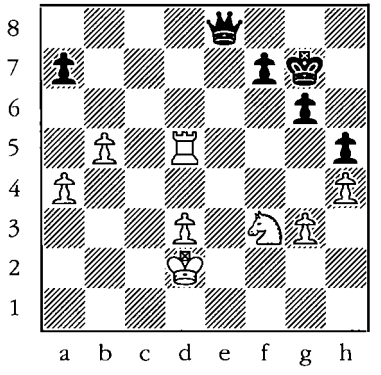
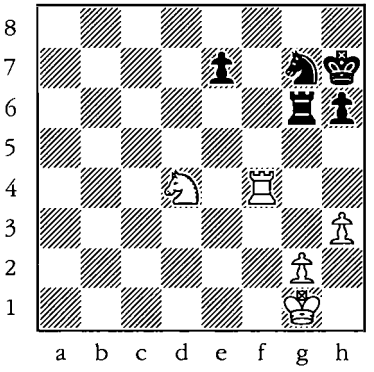


432

Double attack

Black to move.



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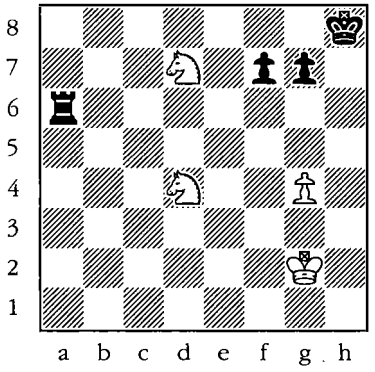

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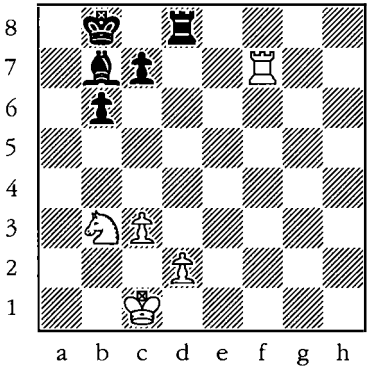

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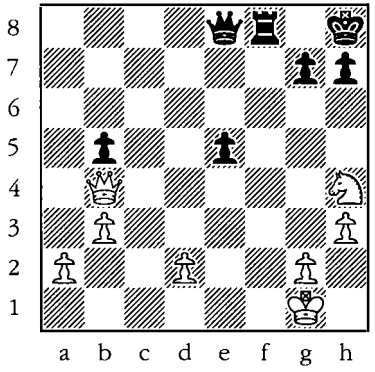

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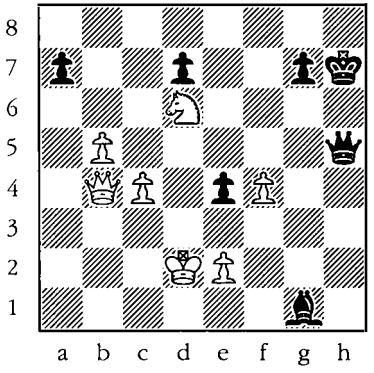

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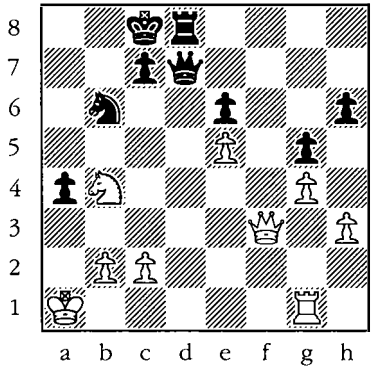
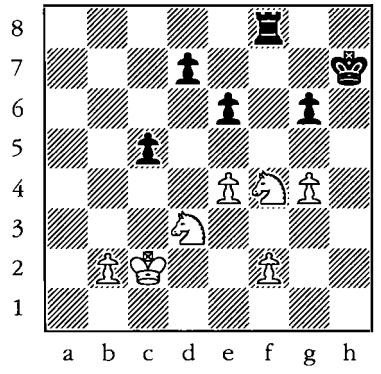


438

Attack the defender

Black to move.



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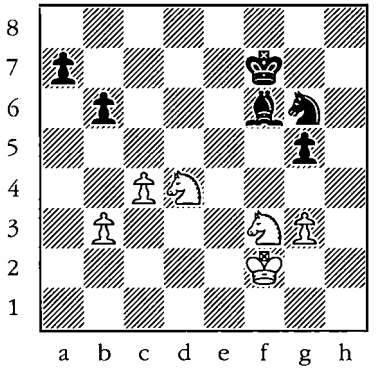

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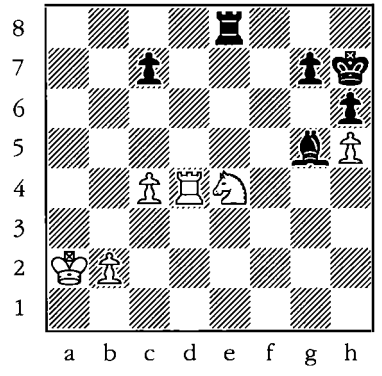

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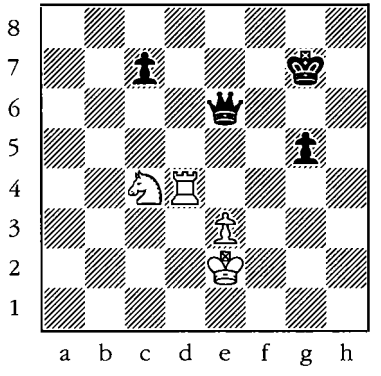

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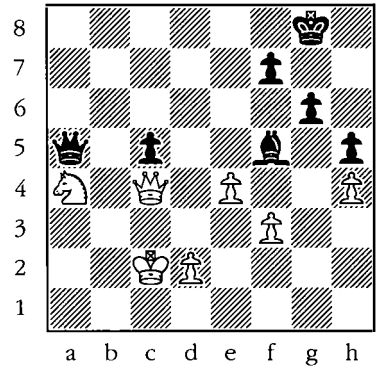

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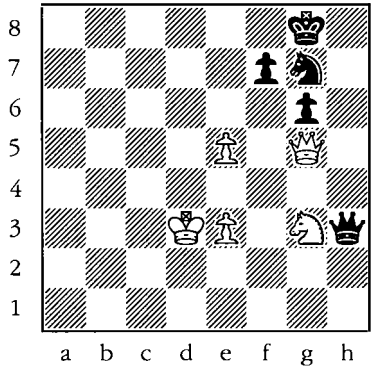
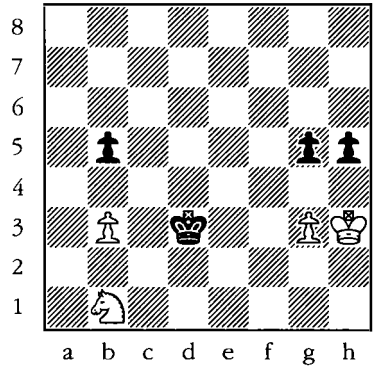


444

Close the trap

Black to move.



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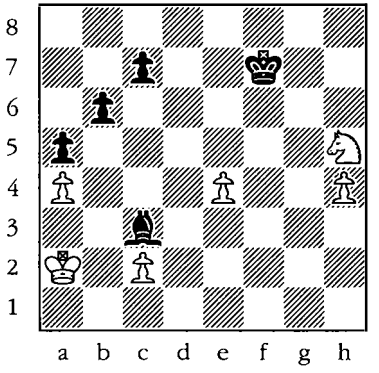

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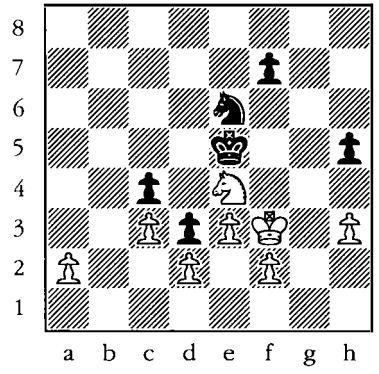

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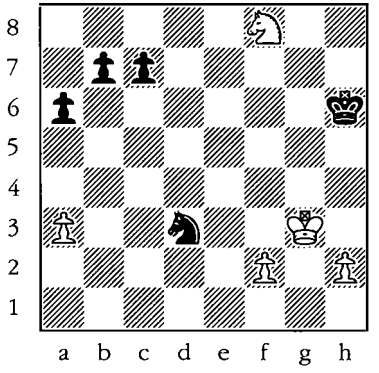

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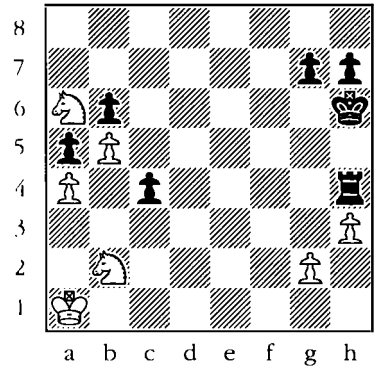

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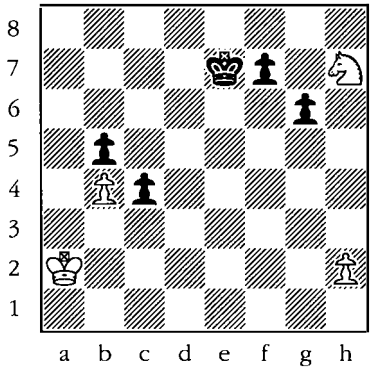
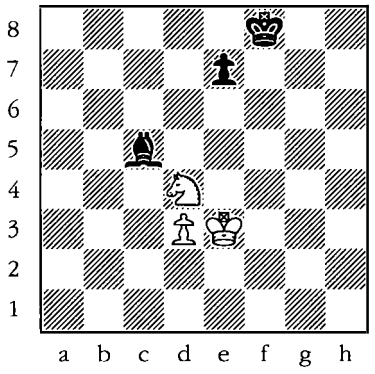


450

Pin

Black to move.



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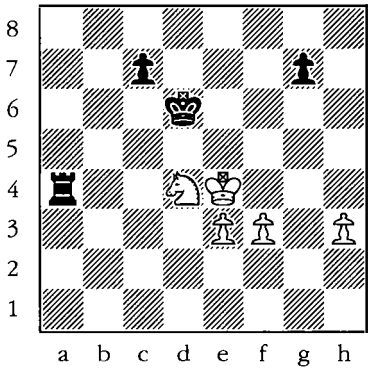

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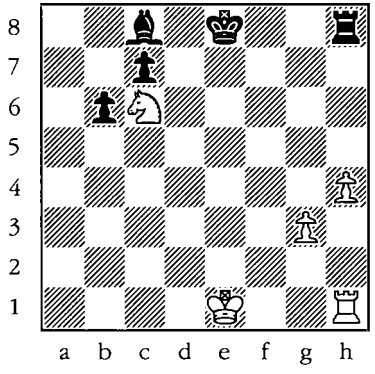

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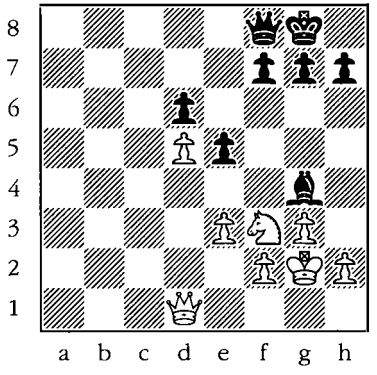

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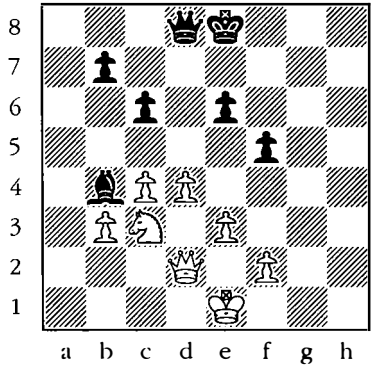

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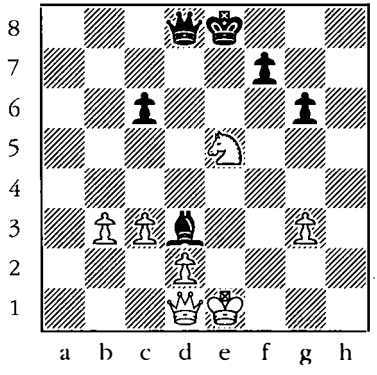
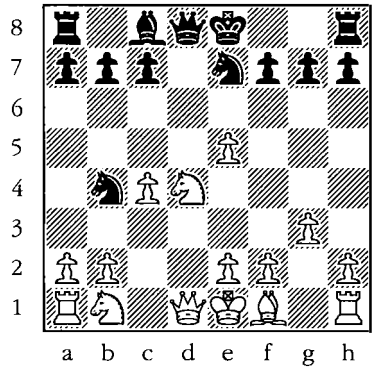


456

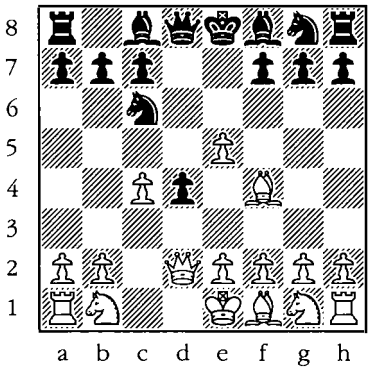
Albin Countergambit

1. d4 d5 2. c4 e5

Black to move. Find the best continuation.



457



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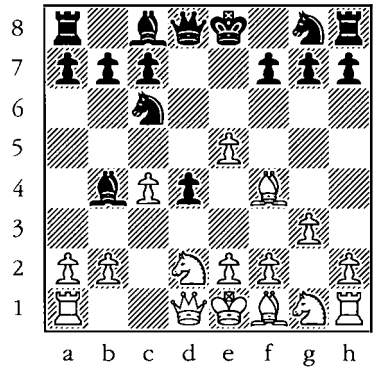

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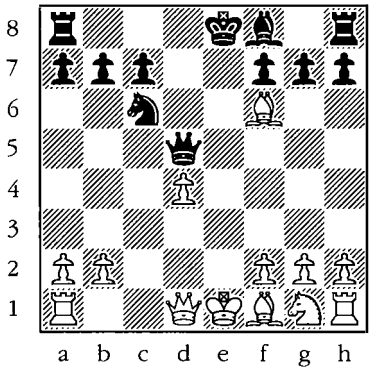

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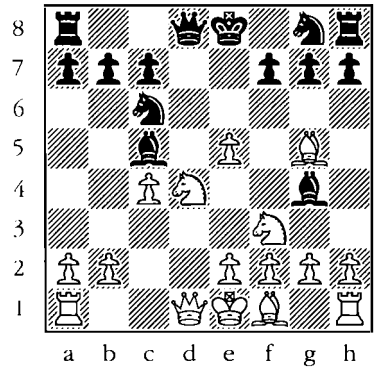

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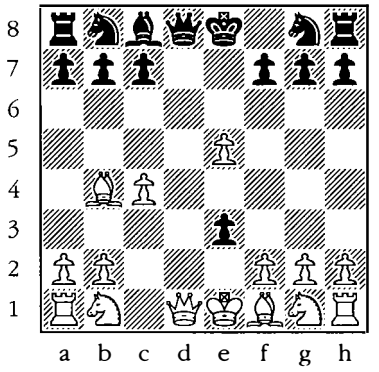
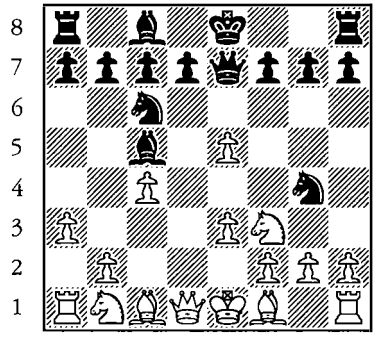


462

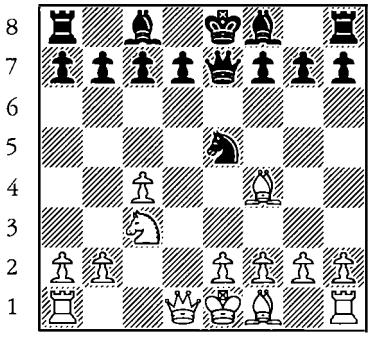
Budapest Gambit

1. d4 ♘f6 2. c4 e5

White to move. Find the best continuation.



463



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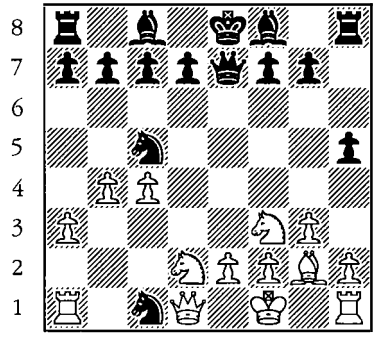

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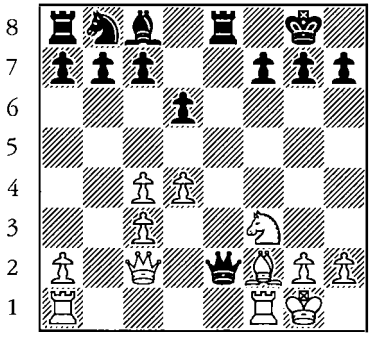

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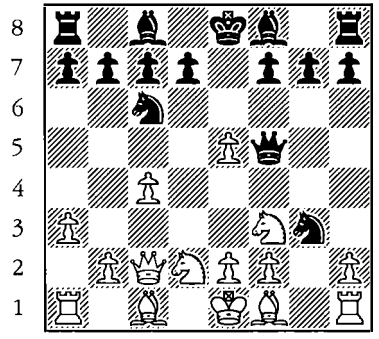

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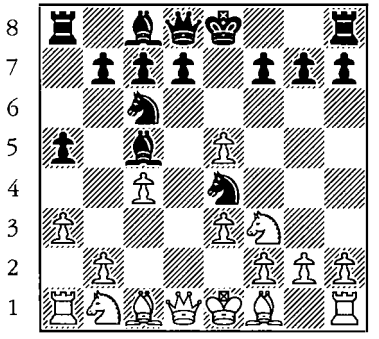
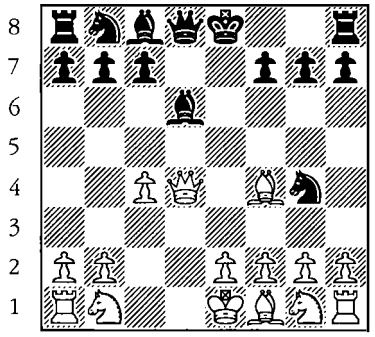


468

Budapest Gambit

1. d4 ♘f6 2. c4 e5

Black to move. Find the best continuation.



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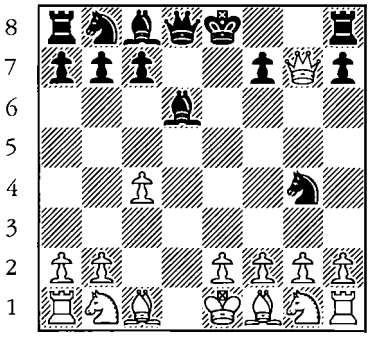

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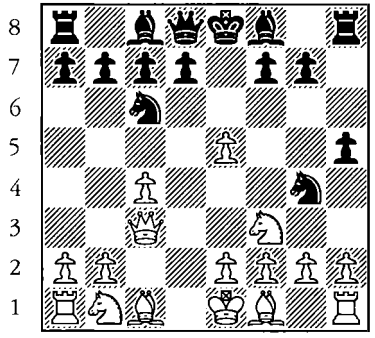

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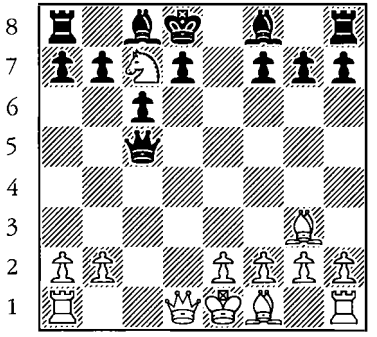

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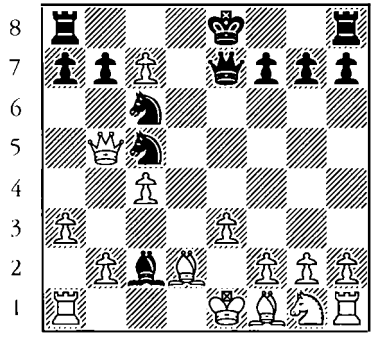

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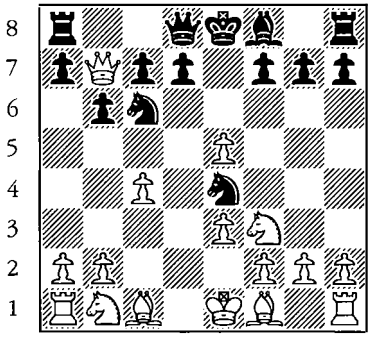
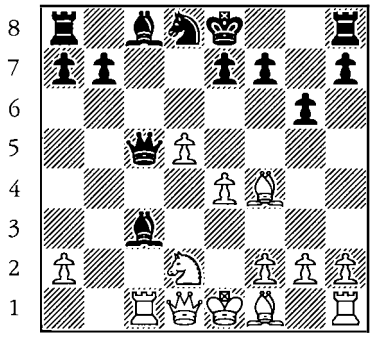


474

Grünfeld Defense

1. d4 ♘f6 2. c4 g6 3. ♘c3 d5

White to move. Find the best continuation.



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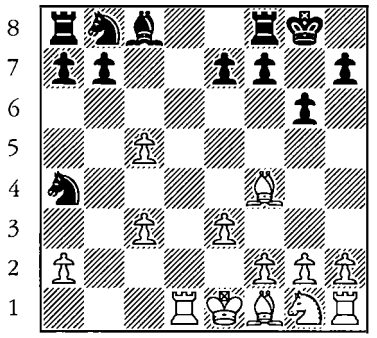

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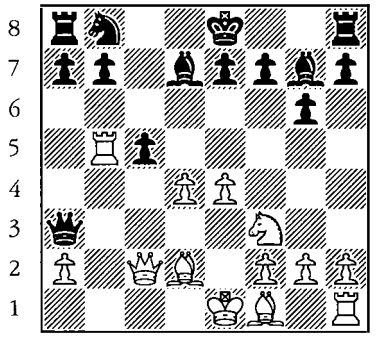
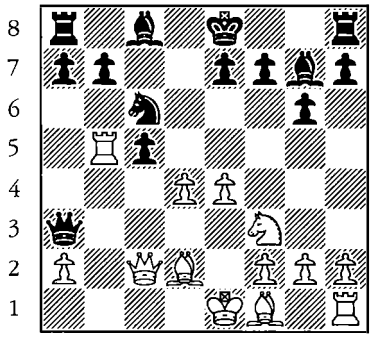


477



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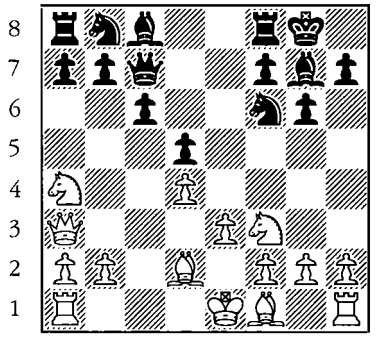

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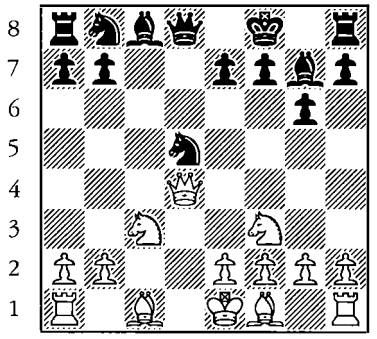
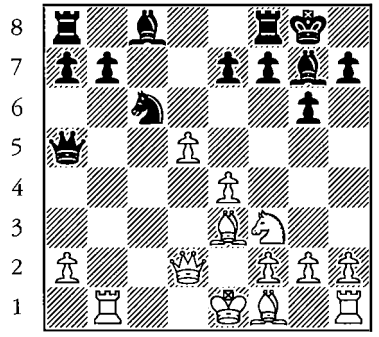


480

Grünfeld Defense

1. d4 ♘f6 2. c4 g6 3. ♘c3 d5

Black to move. Find the best continuation.



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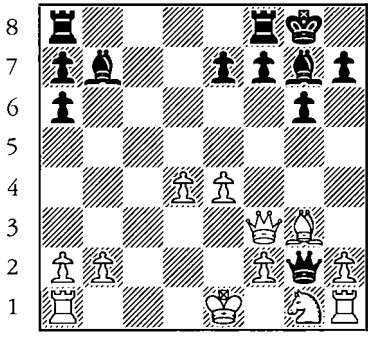

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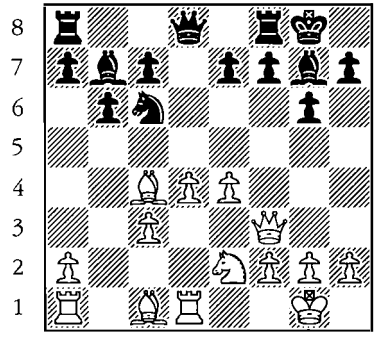

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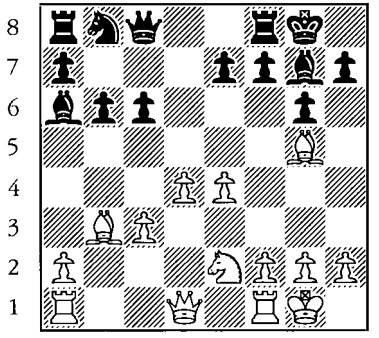

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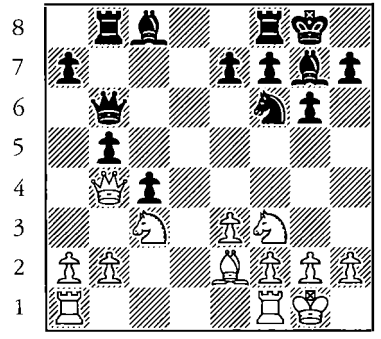

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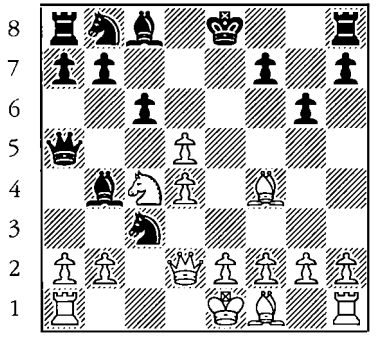
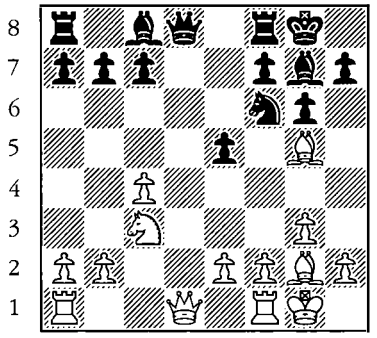


486

King's Indian Defense

1. d4 ♘f6 2. c4 g6 3. ♘c3 ♗g7

White to move. Find the best continuation.



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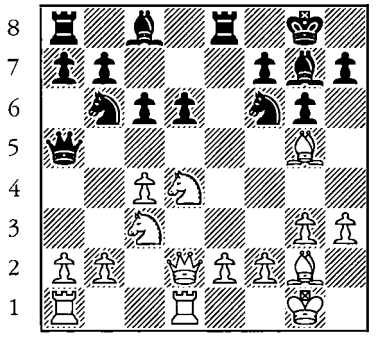

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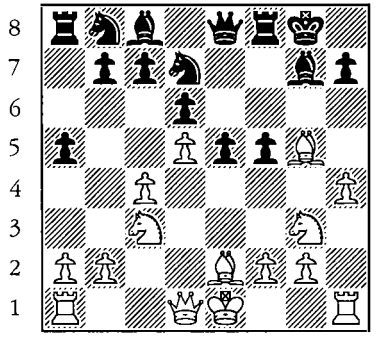

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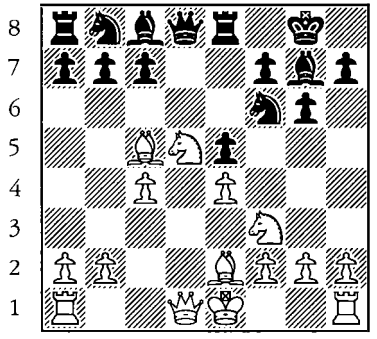

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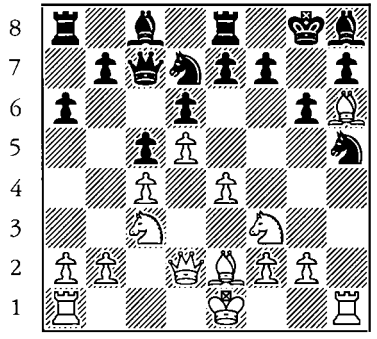

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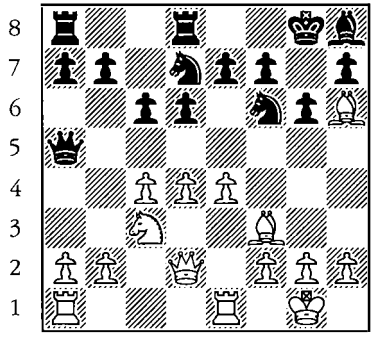
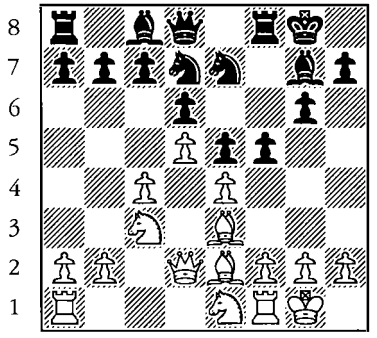


492

King's Indian Defense

1. d4 ♘f6 2. c4 g6 3. ♘c3 ♗g7

Black to move. Find the best continuation.



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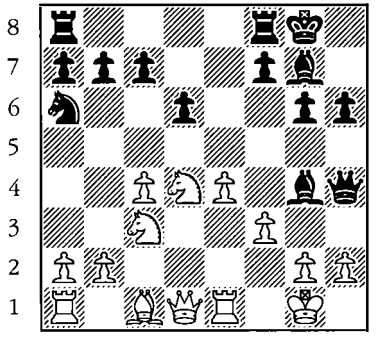

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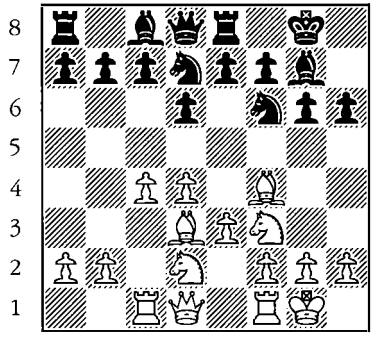

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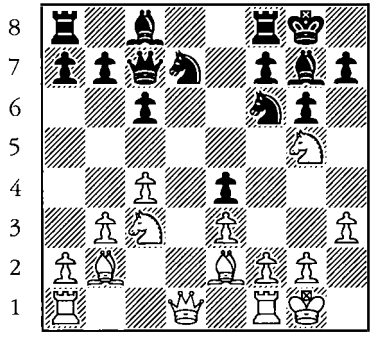

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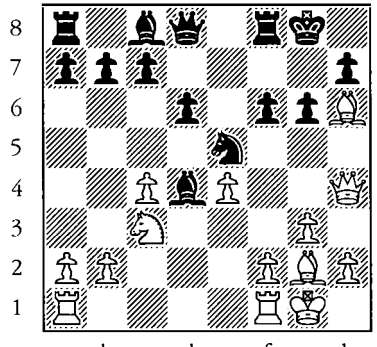

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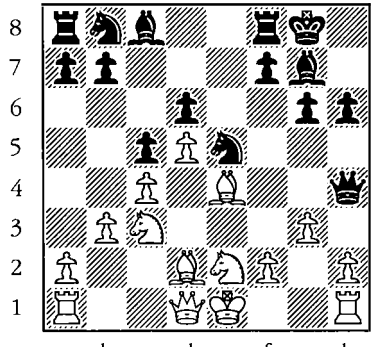
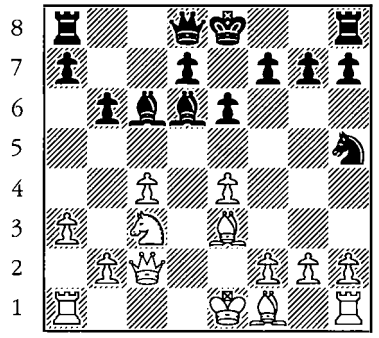


498

Queen's Indian Defense

1. d4 ♘f6 2. c4 e6 3. ♘f3 b6

White to move. Find the best continuation.



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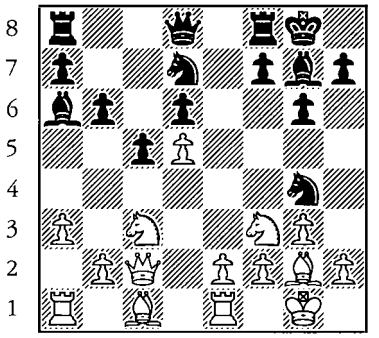

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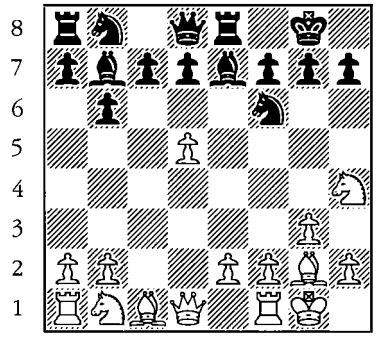

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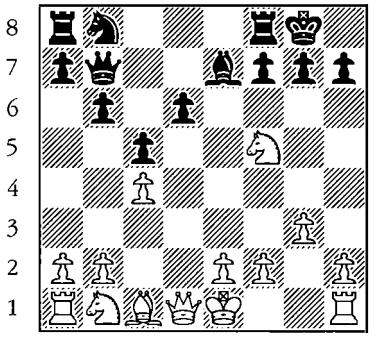

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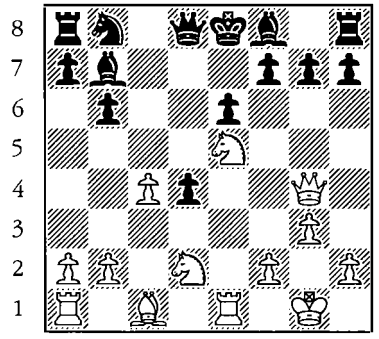

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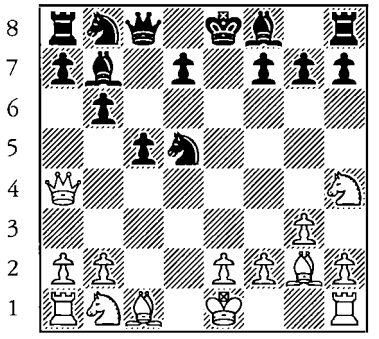
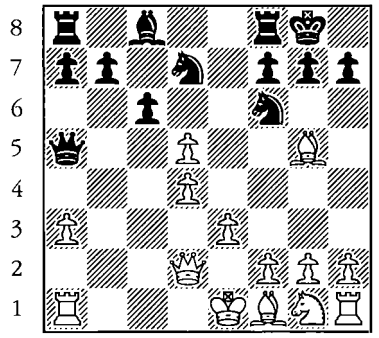


504

Nimzo-Indian Defense

1. d4 ♘f6 2. c4 e6 3. ♘c3 ♗b4

Black to move. Find the best continuation.



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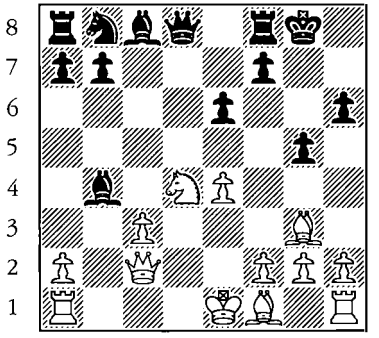

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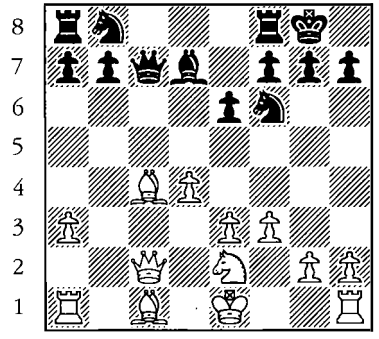

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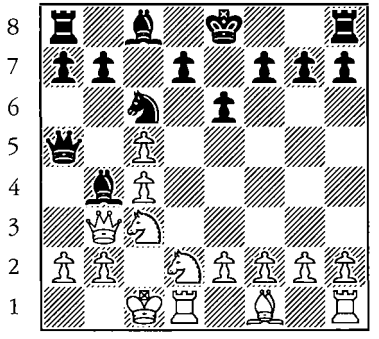

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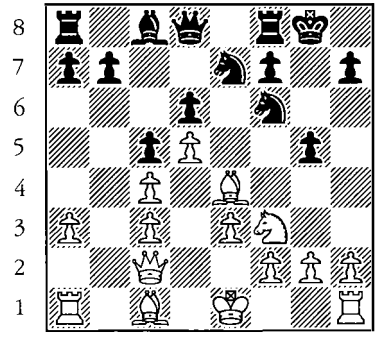

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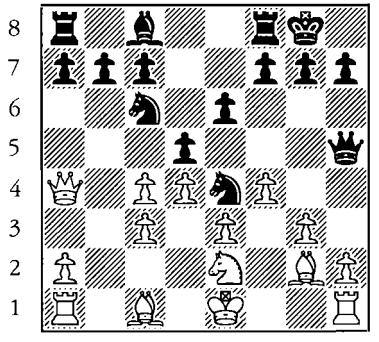


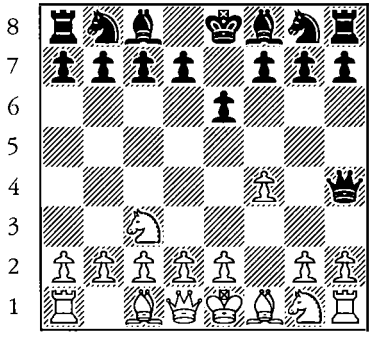
510

Defending in the Opening

Defending in the Closed Games

Positions 2-3 moves into the game

White to move. Find the best move.



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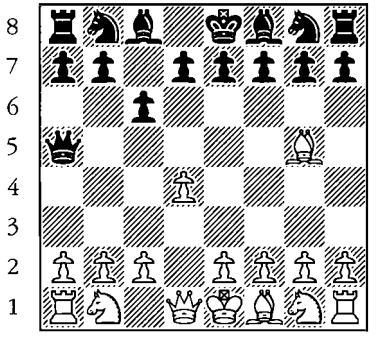

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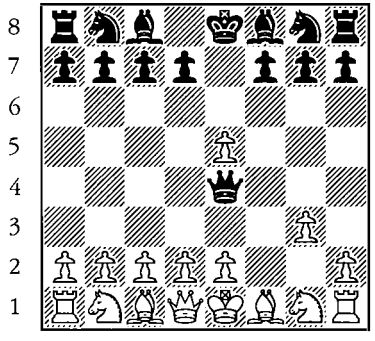

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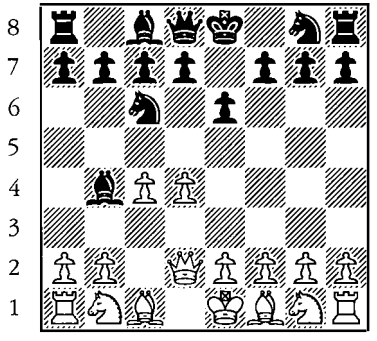

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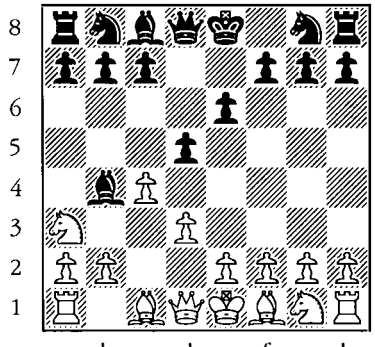

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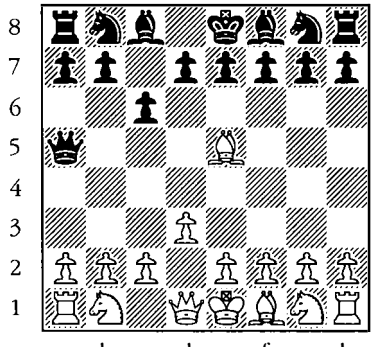
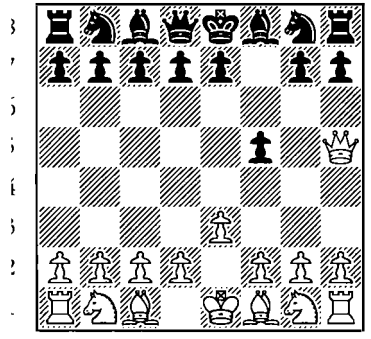


516

Positions 2-3 moves into the game

Black to move. Find the best move.



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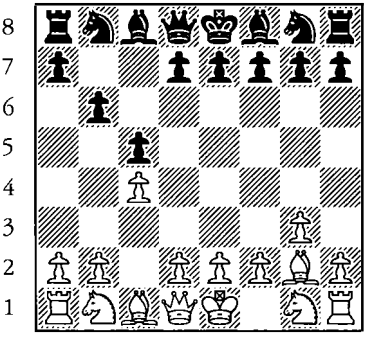

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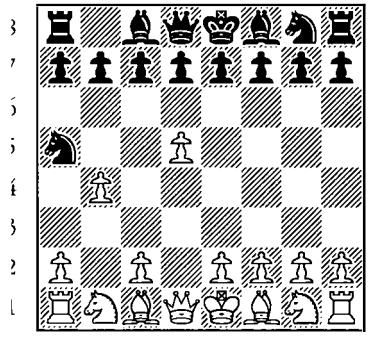

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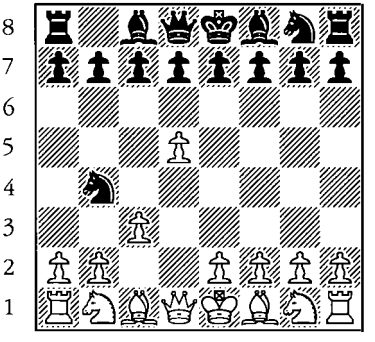

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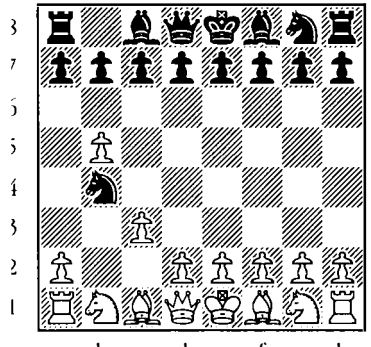

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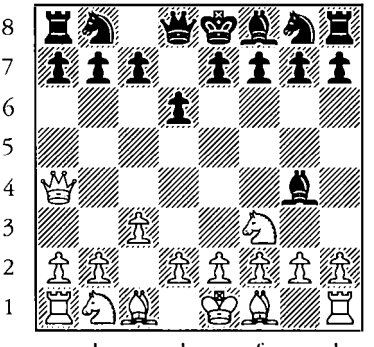
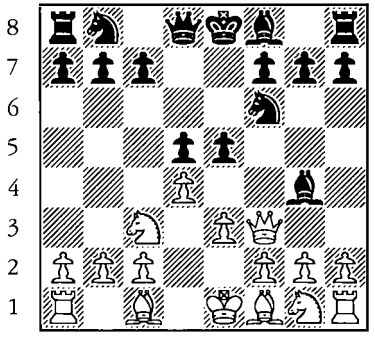


522

Positions 4 moves into the game

White to move. Find the best move.



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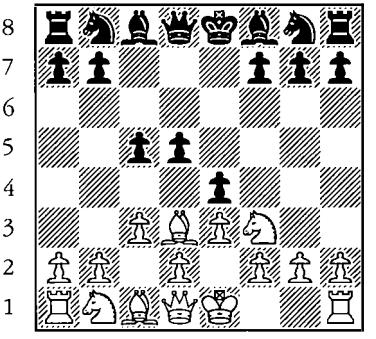

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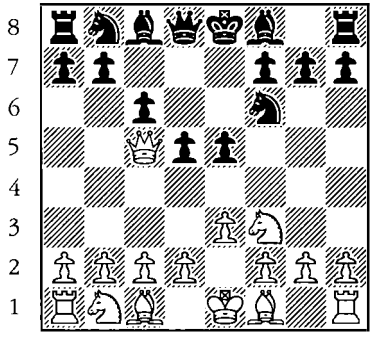

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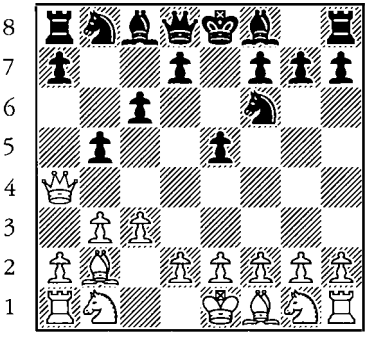

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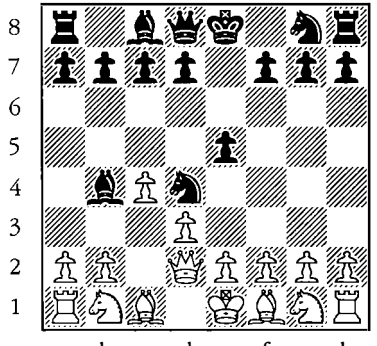

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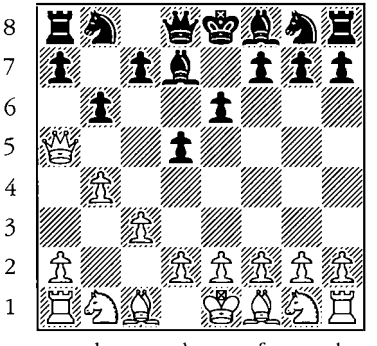

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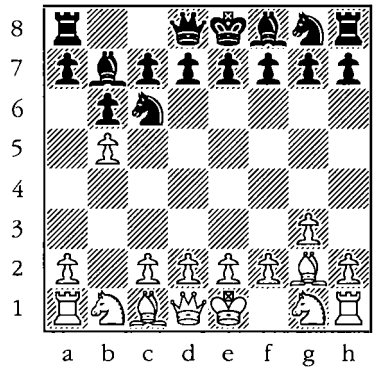
Positions 4 moves into the game

Black to move. Find the best move.



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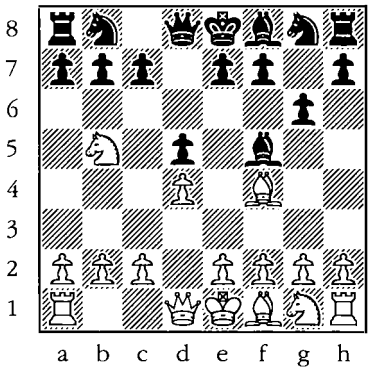

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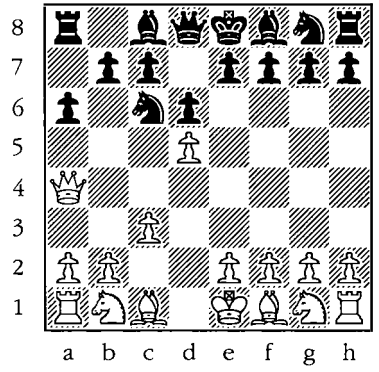

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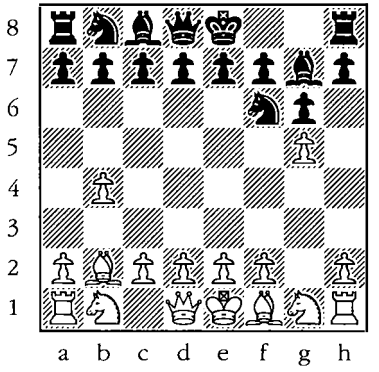

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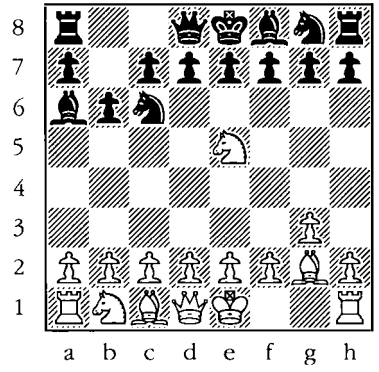

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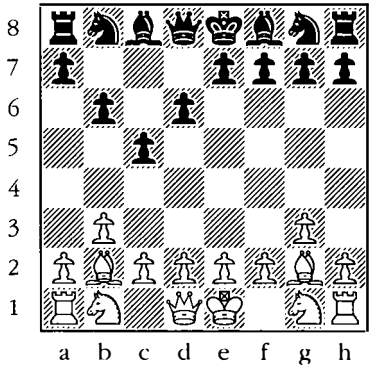

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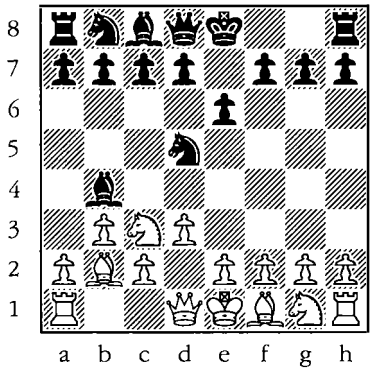
Positions 4-5 moves into the game

White to move. Find the best move.



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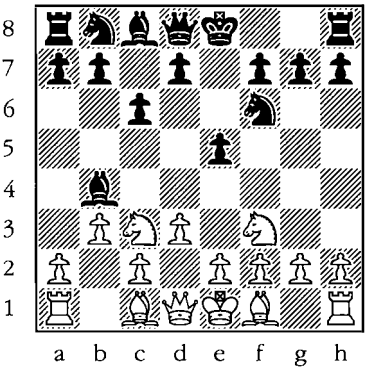

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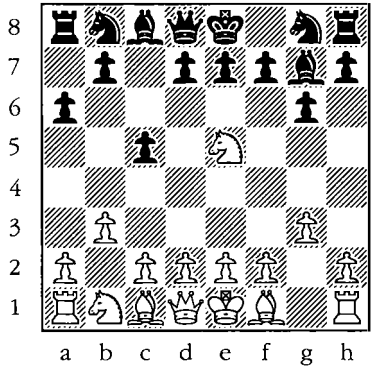

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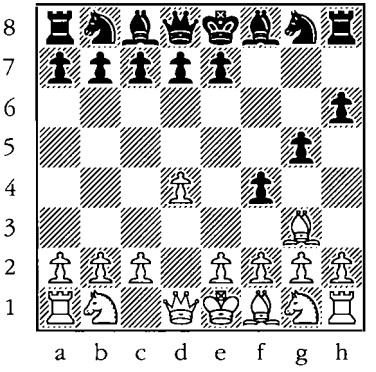

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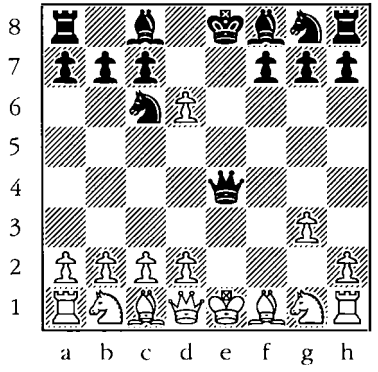

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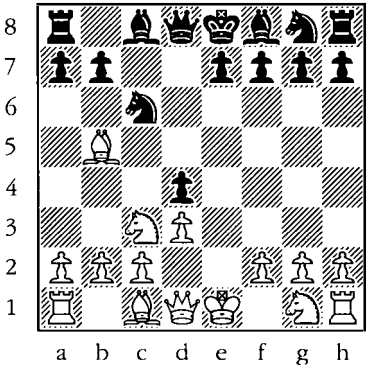

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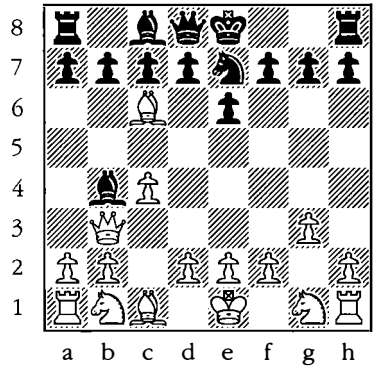
Positions 5-6 moves into the game

Black to move. Find the best move.



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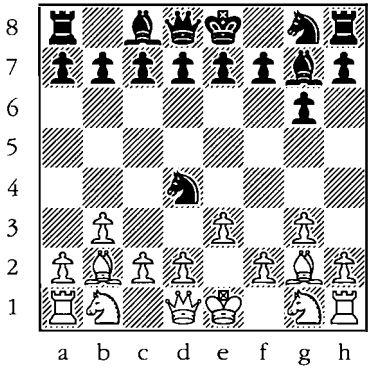

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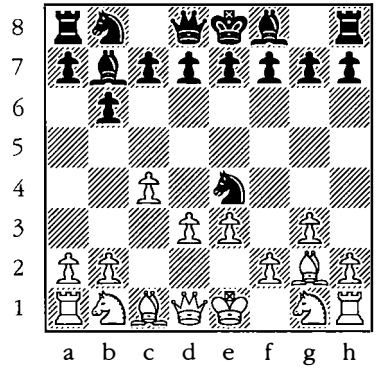

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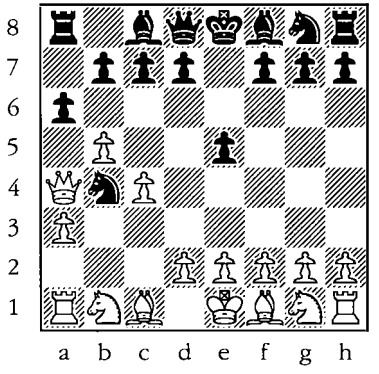

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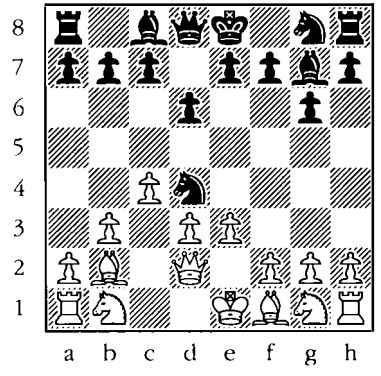

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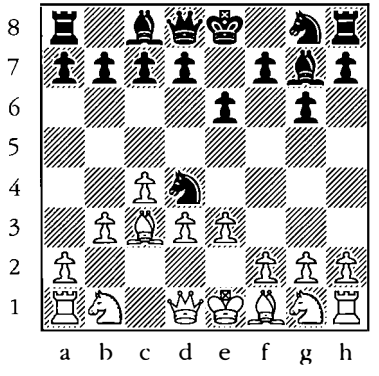
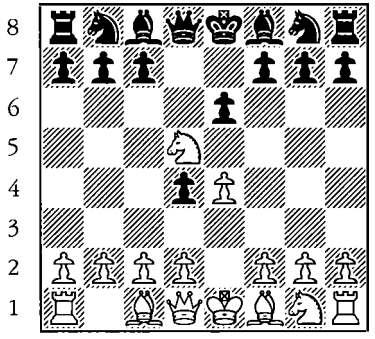


546

Defending in the Semi-Open Games

Positions 3 moves into the game

White to move. Find the best move.



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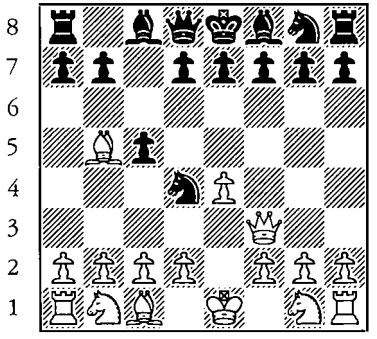

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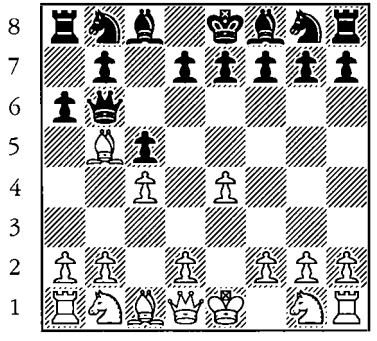

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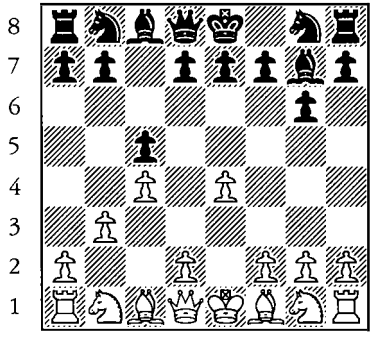

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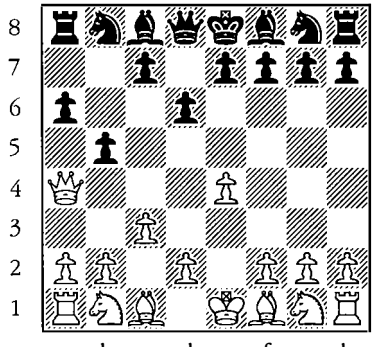

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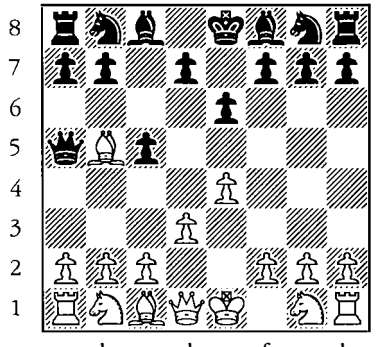
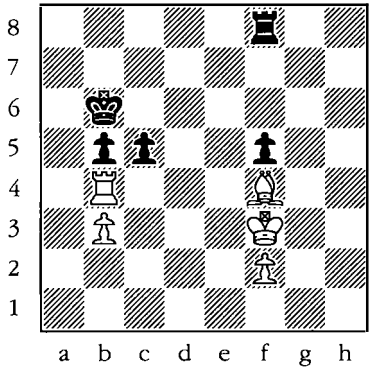


552

Pin

White to move.



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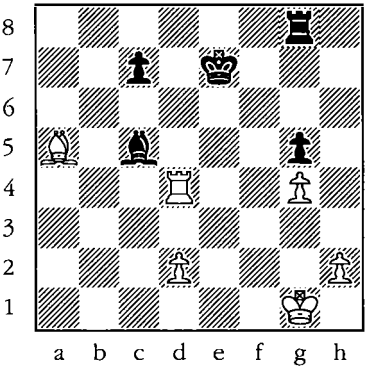

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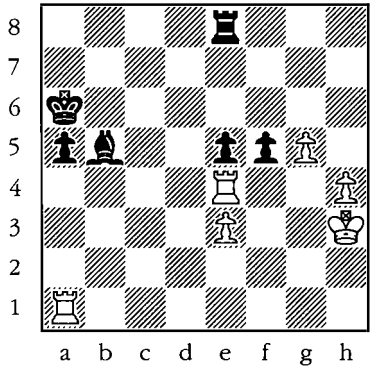

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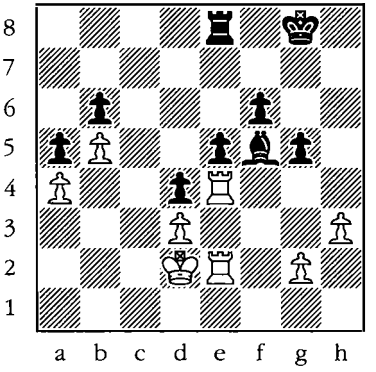

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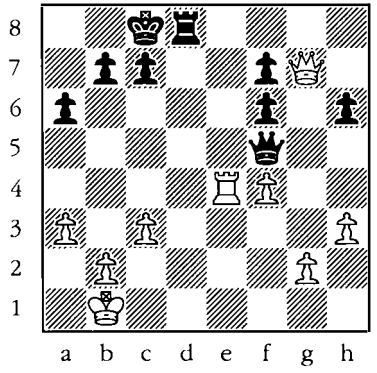

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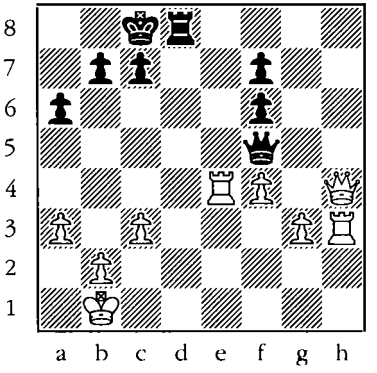

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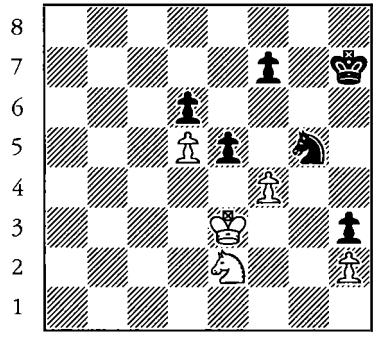
Saving a minor piece

Eliminate the attacker

Black to move.



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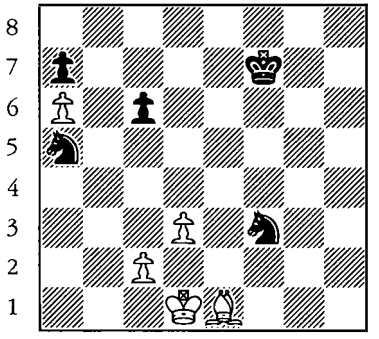

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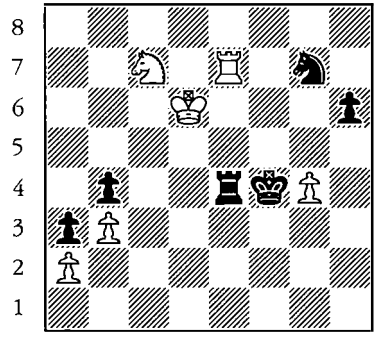

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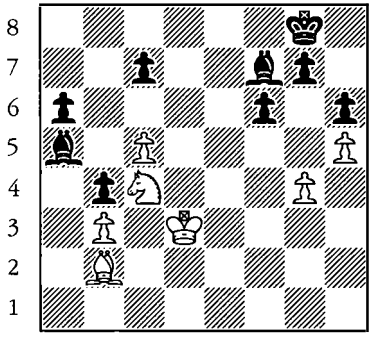

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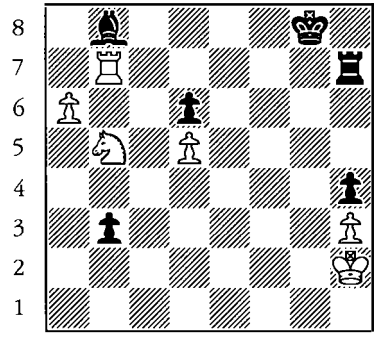

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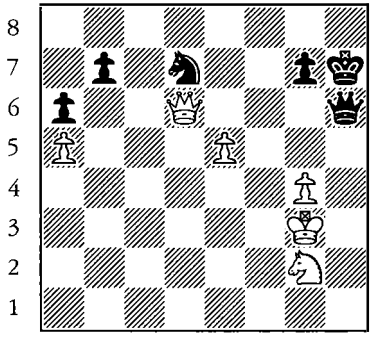

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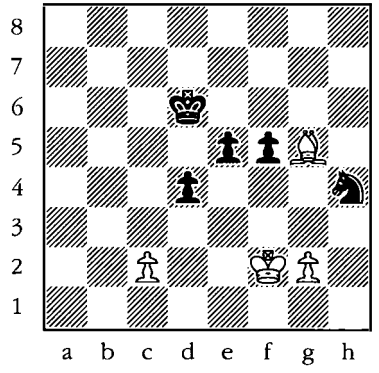
Get away from the attacked square

Black to move.



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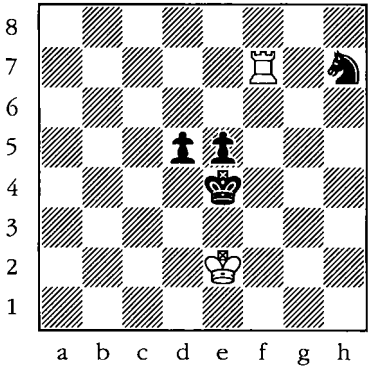

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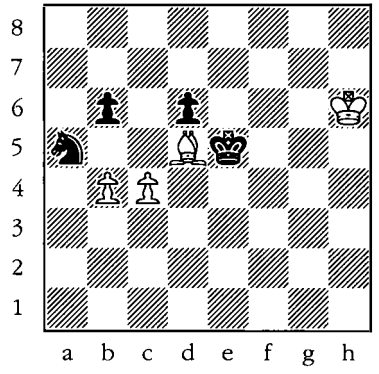

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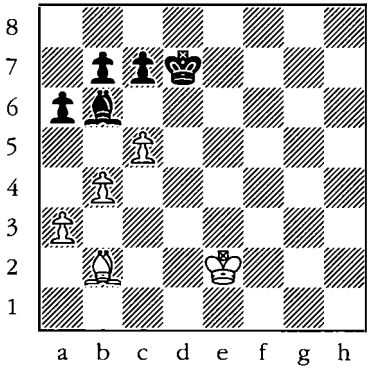

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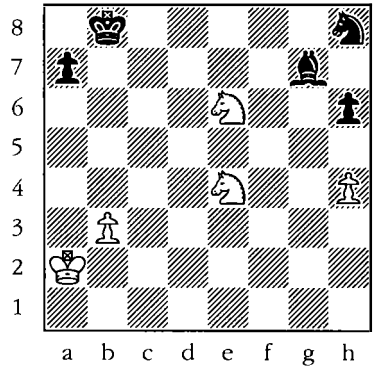

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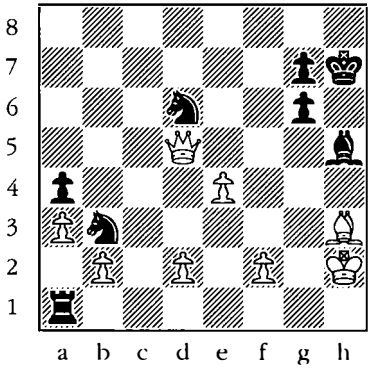
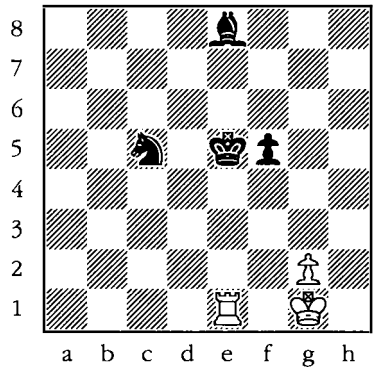


570

Block the attack

Black to move.



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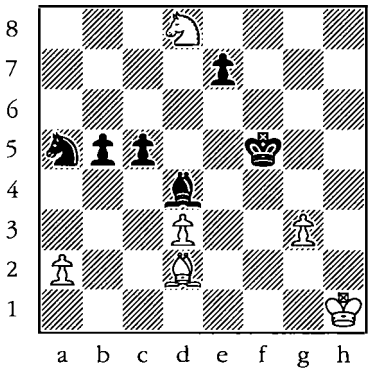

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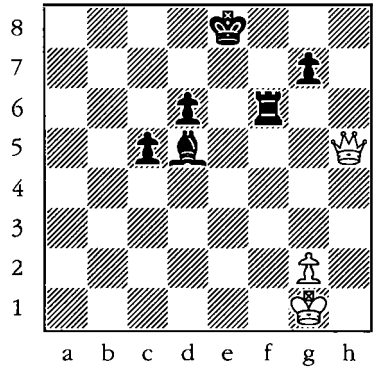

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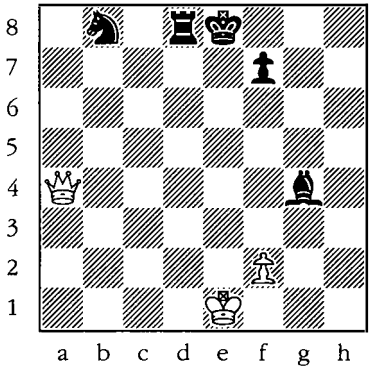

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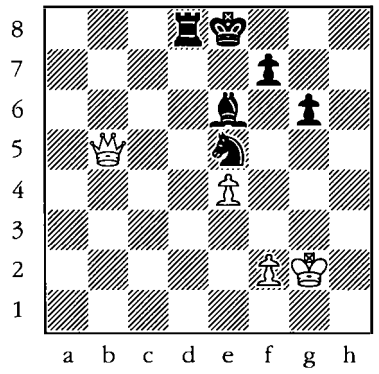

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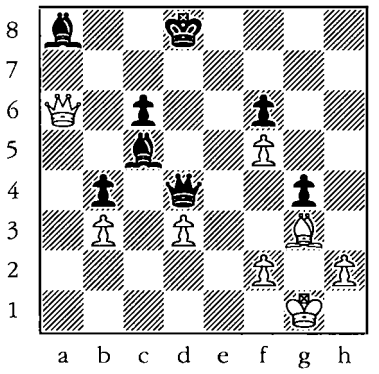
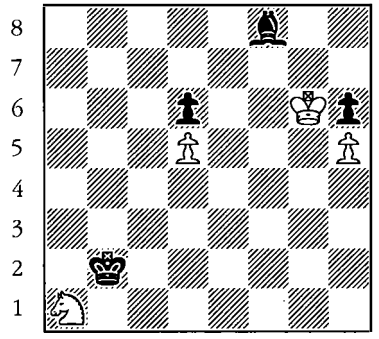


576

Counterattack

White to move.



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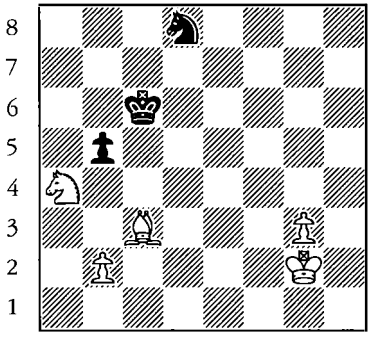

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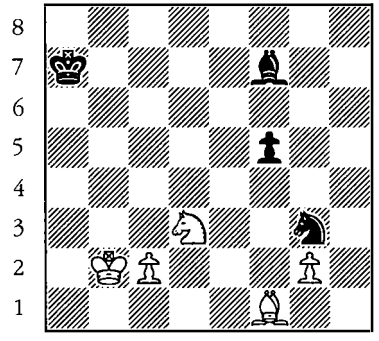

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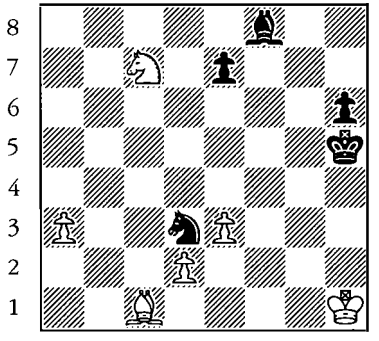

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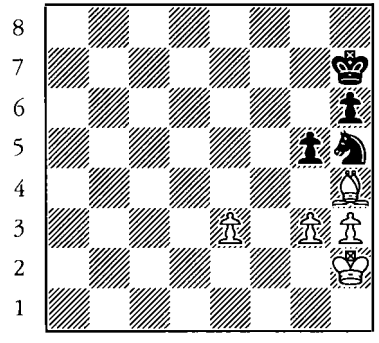

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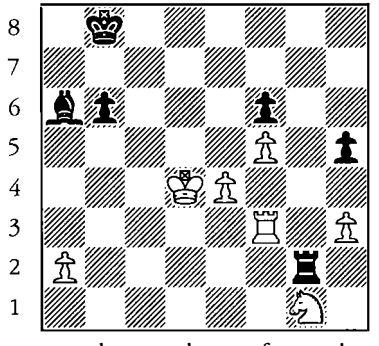
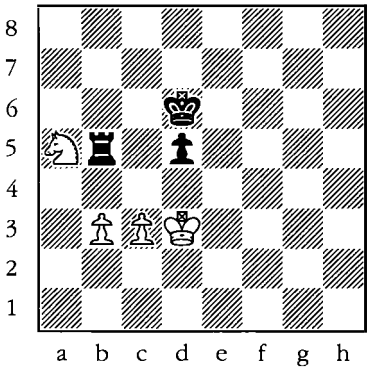


582

Defend with another piece or pawn

White to move.



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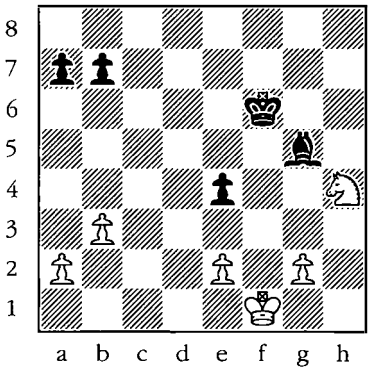

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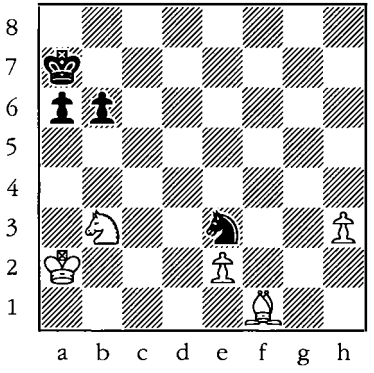

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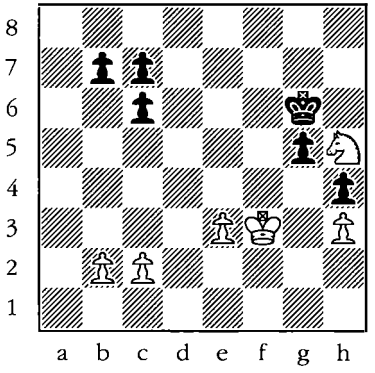

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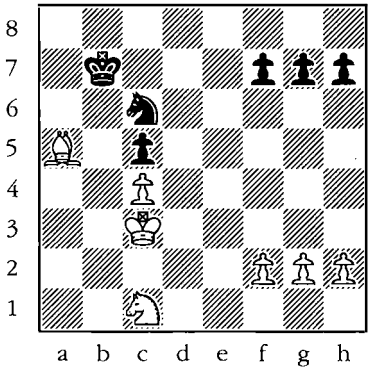

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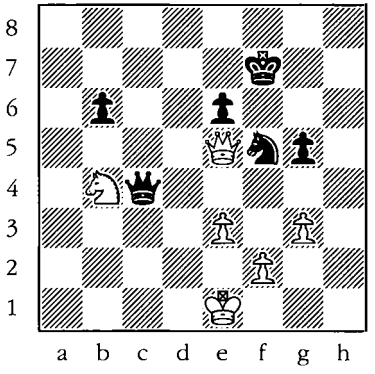
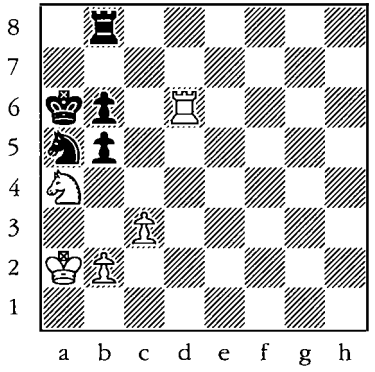


588

Pin

White to move.



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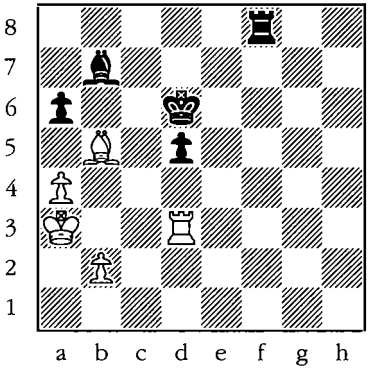

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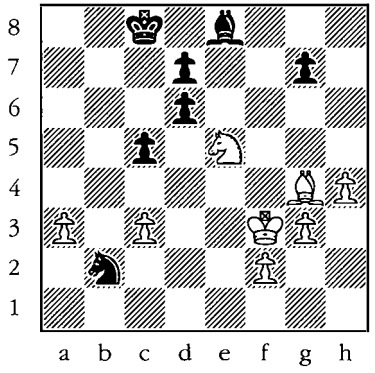

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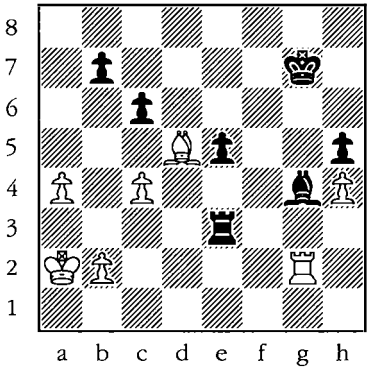

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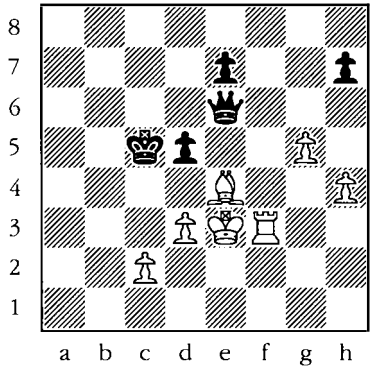

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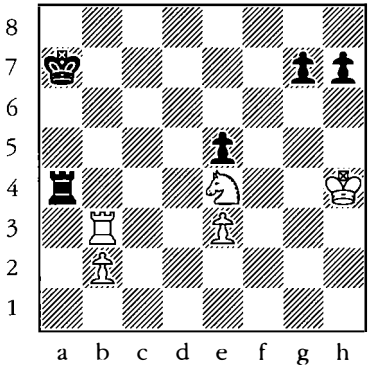


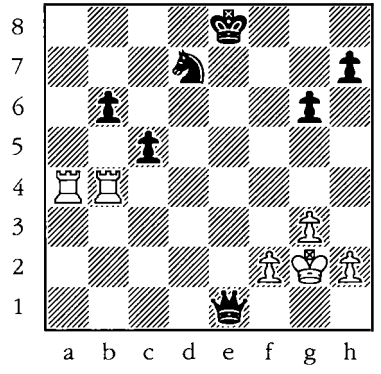
594

Practice

Attack or defense

Find the best move

White to move.



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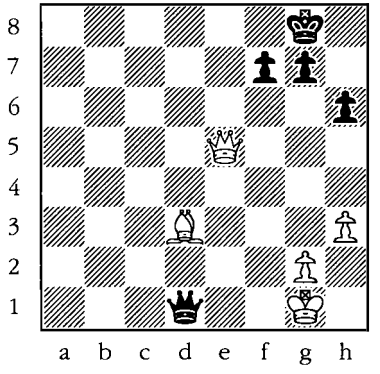

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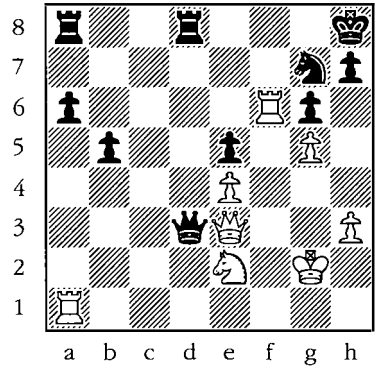

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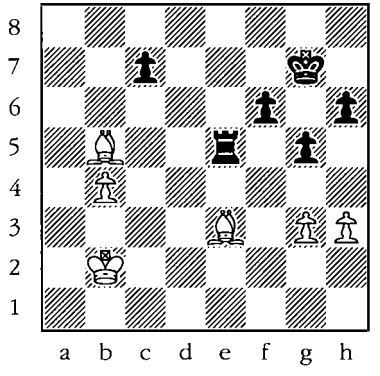

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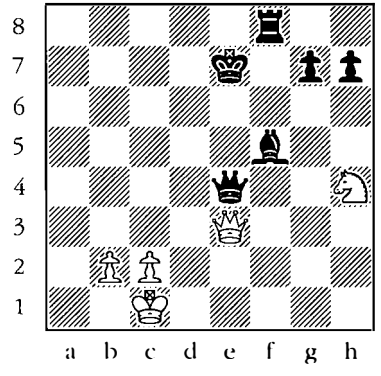

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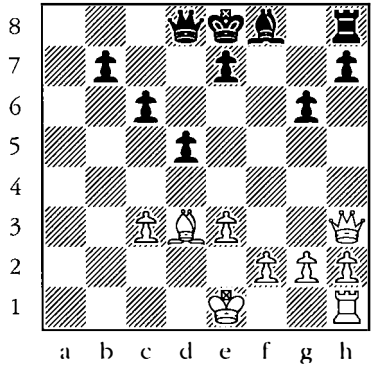
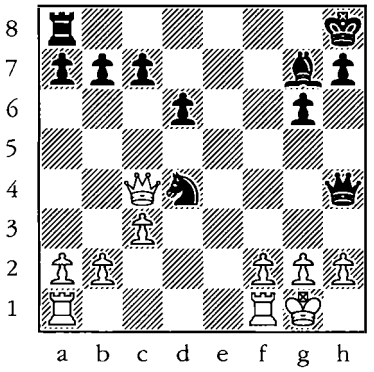


600

Find the best move

Black to move.



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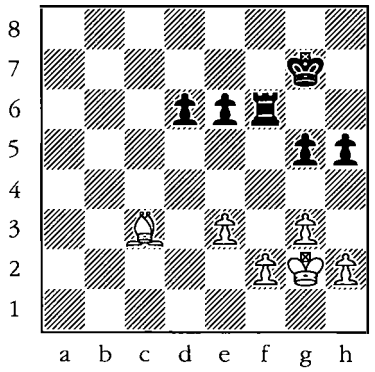

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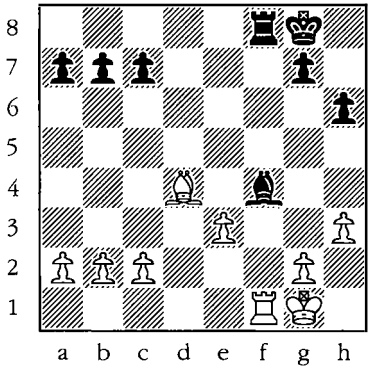

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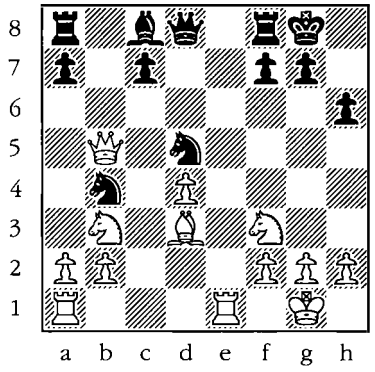

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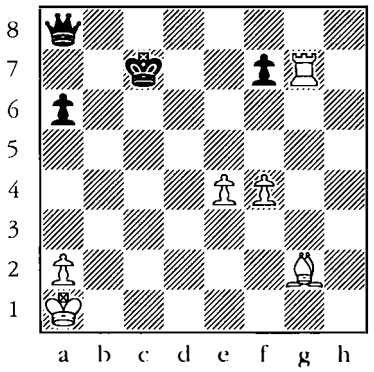

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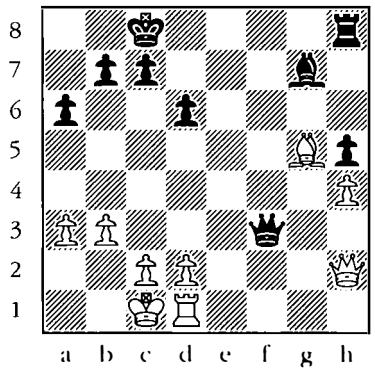
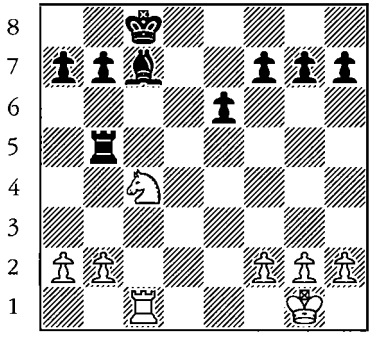


606

Find the best move

White to move.



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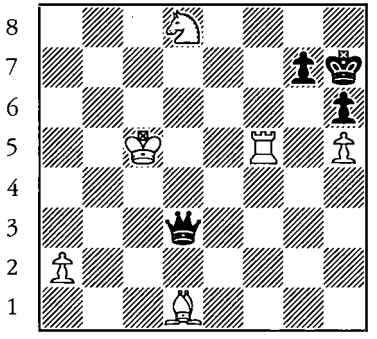

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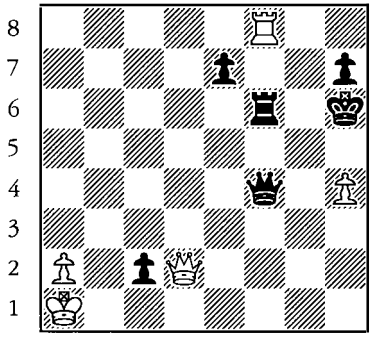

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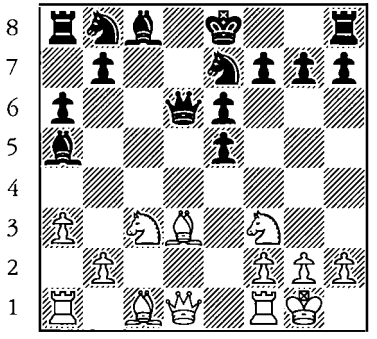

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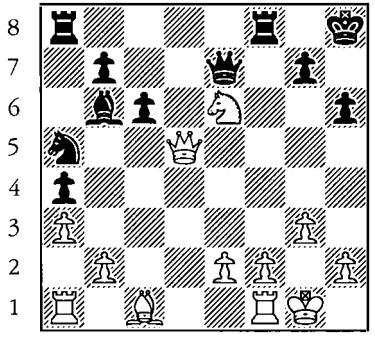

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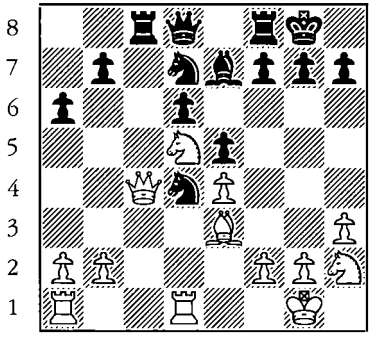
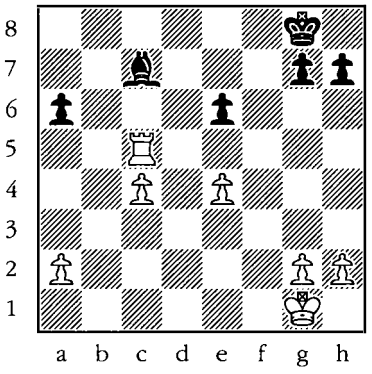


612

Find the best move

Black to move.



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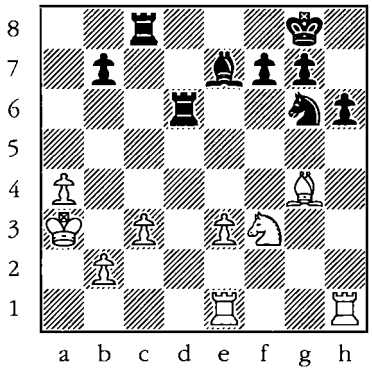

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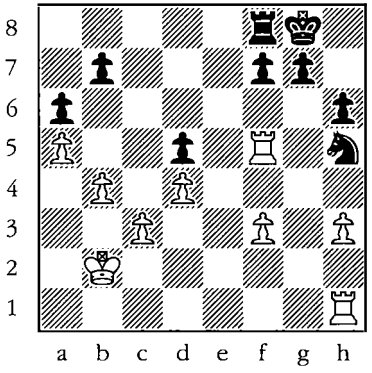

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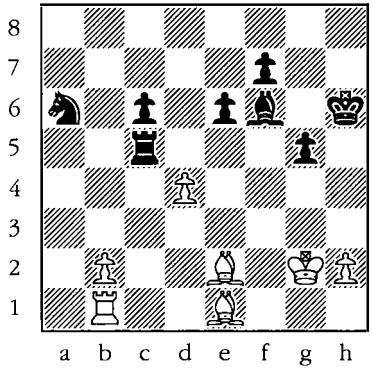

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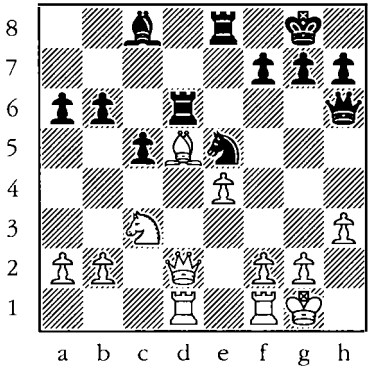

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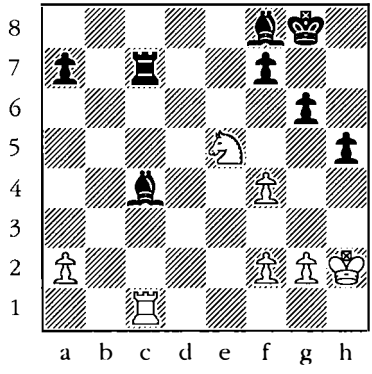

618

Solutions

1. 1...♖e8+.
2. 1...♖a4+.
3. 1...♗g7+.
4. 1...♗d4+.
5. 1...♕a5+.
6. 1...♕h1+.
7. 1. ♗xc6+.
8. 1. ♘xe6+.
9. 1. ♗xg7+.
10. 1. ♖xg7+.
11. 1. fxe6+.
12. 1. ♗xf6+.
13. 1. ♗xd3+.
14. 1. ♖h5+.
15. 1. ♘g7+.
16. 1. ♖d7+.
17. 1. ♘c7+.
18. 1. d7+.
19. 1. ♗c6++.
20. 1. ♘xd6++.
21. 1. bxc5++.
22. 1. ♘c4++.
23. 1. ♖e6++.
24. 1. ♘d5++.
25. 1. c5+.
26. 1. d6+.
27. 1. ♗b7+.
28. 1. ♖xb4+.
29. 1. ♗e5+.
30. 1. ♘c3+.
31. 1. e6+.
32. 1. f4+.
33. 1. ♗e3+.
34. 1. ♗d6+.
35. 1. ♘f6+.
36. 1. ♖xc5+.
37. 1. d7+.
38. 1. ♖h8+.
39. 1. ♗f6+.
40. 1. ♖d8+.
41. 1. ♖f8+.
42. 1. ♘f7+.
43. 1...♗b6+.
44. 1...♗xg2+.
45. 1...♘a2+.
46. 1...h2+.
47. 1...♖e6+.
48. 1...b3+.
49. 1. d7+.
50. 1. ♖a8+.
51. 1. ♗h7+.
52. 1. ♖xg6+.
53. 1. ♗a6+.
54. 1. ♗xe6+.
55. 1. ♖xe4+ ♔xe4 2. ♖e1+.
56. 1. ♖xf7+ ♔xf7 2. ♕h7+.
57. 1. ♖e5+ ♔xe5 2. ♕e3+.
58. 1. ♗xe5+ ♔xe5 2. ♕a1+.
59. 1. ♖xe5+ ♔xe5 2. ♕g5+.
60. 1. ♗xe3+ ♔xe3 2. ♕f2+.
61. 1. ♖xe6+ ♕xe6 2. d5+.
62. 1. ♖xe4+ ♕xe4 2. ♗xc6+.
63. 1. ♗b5+ ♔xb5 2. ♘xc7+.
64. 1. ♖xe4+ ♕xe4 2. ♘d6+.
65. 1. ♗xf7+ ♔xf7 (1...♕xf7 2. ♘d6+) 2. ♘e5+.
66. 1. ♗d7+ ♔xd7 (1...♕xd7 2. ♘f6+) 2. ♘e5+.
67. 1...♖a6+.
68. 1...♖e2+.
69. 1...♖h4+.
70. 1...♗d5+.
71. 1...♗xe6+.
72. 1...♗xf5+.
73. 1. ♖a6+.
74. 1. ♗xc6+.
75. 1. ♖xd7+.
76. 1. ♘xf6+.
77. 1. ♘d6+.
78. 1. ♕xa5+ and 2. ♕xc3.
79. 1...♖h1+ 2. ♔xh1 ♕xh3+.
80. 1...♗g2+ 2. ♔xg2 ♕xf4.
81. 1...g1♕+ 2. ♔xg1 ♕xa2.
82. 1...♗xb2+ 2. ♔xb2 ♕xa5.
83. 1...♖a1+ 2. ♔xa1 ♕xa3+.
84. 1...♖c3+ 2. ♔xc3 ♕xe3+.
85. 1. ♖h1+ ♔g8 2. ♕xg6.
86. 1. d7+ ♔f8 2. ♕xf6+.
87. 1. ♗h7+ ♕xh7 (1...♔h8 2. ♕xh6) 2. ♘xh7.
88. 1. ♘b5+ ♔a8 2. ♕xa6+.
89. 1. ♗e5+ ♔h7 2. ♕xg5.
90. 1. ♖h7+ ♔c8 2. ♕xd6.
91. 1. ♕h7+, and after 1...♔f8 there follows 2. ♕h8+.
92. 1. c4+, and Black can't avoid 2. ♗g3+.
93. 1. g6+ ♔h8 2. ♗g7+.
94. 1. b6+ ♔a8 2. b7+.
95. 1. ♖xe4+ fxe4 2. ♖xe4+.
96. 1. ♘xg6+ ♔g8 2. ♘xe7+.
97. 1. e7.
98. 1. ♗g6.
99. 1. ♗xc7.
100. 1. ♘e6.
101. 1. ♖a8.
102. 1. ♖g8.
103. 1...♗b3.
104. 1...♖f5.
105. 1...exd3.
106. 1...♗c5.
107. 1...♘c3.
108. 1...♘c4.
109. 1. ♗h6.
110. 1. ♗g8.
111. 1. ♔d7.
112. 1. ♖a5.
113. 1. ♔b7.
114. 1. ♘c6.
115. 1...♗b4.
116. 1...♖e8.
117. 1...♗h4.
118. 1...♗b4.
119. 1...♖a1.
120. 1...♗d4.
121. 1. ♖e8 ♕xe8 2. ♘c7+.
122. 1. ♗g5 ♕xg5 2. ♖xd5+.
123. 1. ♗b5 ♕xb5 2. ♘xc7+.
124. 1. ♗xh5 ♕xh5 2. ♘f6+.

125. 1. ♗xb5 ♕xb5 2. ♘c7+.

126. 1. ♖xe4 ♕xe4 2. ♗xg6+.

127. 1. c7.

128. 1. b7.

129. 1. ♗g2.

130. 1. ♗c7.

131. 1. ♖xb6 ♕xb6 (1...♘e7 2. ♖xc6+) 2. c8♕.

132. 1. ♗g5 ♕xg5 (1...♘e7 2. ♗xf6) 2. gxh8♕.

133. 1. f6 ♕xf6 (otherwise 2. ♕g7#) 2. ♖xf6.

134. 1. ♗f6 ♕g7 (White was threatening 2. ♖h8#) 2. ♗xg7.

135. 1. ♘c6 ♕xc6 (White was threatening 2. ♖xa7#) 2. bxc6.

136. 1. ♗c6 ♕xc6 (White was threatening 2. ♕xa6#) 2. dxc6.

137. 1. ♕g6 ♕f5 (White was threatening 2. ♕h7#, and if 1... gxf6, then 2. ♕xh6#) 2. ♕xf5.

138. 1. ♘g6 ♕xg6 (White was threatening 2. ♖h8#) 2. fxg6.

139. 1...♖c1+.

140. 1...♖b2+.

141. 1...♗e4+.

142. 1...♗b2+.

143. 1...♕g1+.

144. 1...♕h4+.

145. 1. ♗xe7+.

146. 1. cxd6+.

147. 1. ♕xb7+.

148. 1. ♘xf5+.

149. 1. ♗xg6+.

150. 1. ♘xg7+.

151. 1. d6+.

152. 1. ♗xd6+.

153. 1. ♘xc7+.

154. 1. ♘e7+.

155. 1. ♕g6+.

156. 1. ♕h5+.

157. 1...♘xc2++.

158. 1...♗b4++.

159. 1...♖c4++.

160. 1...♘b3++.

161. 1...♖h6++.

162. 1...♘e6++.

163. 1...♖xe2+.

164. 1...♖xf4+.

165. 1...♗b7+.

166. 1...♘g3+.

167. 1...♘e4+.

168. 1...e5+.

169. 1. e6+.

170. 1. d5+.

171. 1. e5+.

172. 1. f4+.

173. 1. axb5+.

174. 1. b4+.

175. 1. d7+.

176. 1. ♗f6+.

177. 1. ♖e8+.

178. 1. ♖b8+ ♖d8 (but not 1...♘e8 2. ♖xe8#) 2. ♖xd8+.

179. 1. ♖f5+.

180. 1. ♖g8+.

181. 1. e6+.

182. 1. e3+.

183. 1. ♗f7+.

184. 1. ♗a6+.

185. 1. ♘g5+.

186. 1. ♗c5+.

187. 1. ♖xa6+.

188. 1. ♕xg6+.

189. 1. ♘d5+.

190. 1. ♖xe6+.

191. 1. ♕b6+.

192. 1. ♕e5+.

193. 1...♕e5+ followed by 2...♖xe2.

194. 1...♕b5+.

195. 1...♕d7+.

196. 1...♕d6+.

197. 1...♖exe4+ and 2...♖xb4.

198. 1...♕d5+.

199. 1. d6+ ♔e8 2. d7+.

200. 1. ♖a7+ and 2. ♖a8+.

201. 1. ♗f7+ ♔h7 2. ♗g6+.

202. 1. ♘c7+ ♔a7 2. ♘b5+.

203. 1. ♕b5+ ♔a7 2. ♕b6+.

204. 1. ♕h5+ ♔e7 2. ♕e5+.

205. 1. ♔g1.

206. 1. g7.

207. 1. ♔b3.

208. 1. ♗b8.

209. 1. ♔f6.

210. 1. ♕c8.

211. 1...♗g7.

212. 1...♗c6.

213. 1...♗b2.

214. 1...♕g8.

215. 1...♕e4.

216. 1...♕a1 (but not 1...♕h8 2. h6).

217. 1...fxg3.

218. 1...cxb6.

219. 1...♕xf3.

220. 1...♗xc3.

221. 1...♗xf4.

222. 1...dxc4.

223. 1. d7.

224. 1. ♕d4.

225. 1. ♘f7.

226. 1. ♘f7.

227. 1. ♘xc7.

228. 1. ♘c6.

229. 1...c4.

230. 1...d5.

231. 1...b4.

232. 1...d3.

233. 1...g5.

234. 1...b4.

235. 1...b3.

236. 1...♖d4.

237. 1...♖xh4.

238. 1...c4.

239. 1...e4.

240. 1...♖f6.

241. 1. h7.

242. 1. ♔b5.

243. 1. d4.

244. 1. g7.

245. 1. g4.

246. 1. ♘c4.

247. 1...g5 followed by 2...♔g6.

248. 1...d6 followed by 2...♔b6.

249. 1...♖h8 with the idea of 2...♔b6.

250. 1...♔b5 followed by 2...♗e7.

251. 1...♘f6, and then 2...♔d2 and 3...♔e3.

252. 1...♗c1 with the idea of 2...♔d3 and 3...♔c2.

253. 1...♖xc2.

254. 1...♗b4.

255. 1...♗f8.

256. 1...♕h4.

257. 1...♖a2.

258. 1...♗a4.

259. 1. ♖xh7 ♖xh7 (White was threatening to take on f7) 2. ♕xf8.

260. 1. ♕d6.

261. 1. ♕c5.

262. 1. ♕e1.

263. 1. ♕xf5.

264. 1. ♕d1.

265. 1...♔e3 2. ♔f1 (or 2. ♖d3+ ♔xd3) 2...♖h1+.

266. 1...♕b3 2. ♖xd3 (Black threatened 2...♕c2#) 2...♕(♖)xd3.

267. 1...♕g3 2. ♖c1+ (Black threatened 2...♕h2#) 2...♗xc1.

268. 1...♘b4 2. ♖d2 (Black threatened 2...♕xa2#) 2...♕xd2.

269. 1...♘c3 2. ♖a4 (Black threatened 2...♖xa2#) 2...♘xa4.

270. 1...♖ee1 2. ♖g1 (defending against 2...♖h1#) 2...♖xg1.

271. 1...♖a1+.

272. 1...♗b2+.

273. 1...♖g6+.

274. 1...♗c6+.

275. 1...♕a3+.

276. 1...♕g1+.

277. 1. dxe5+.

278. 1. ♖xb8+.

279. 1. ♕xc8+.

280. 1. ♖xh7+.

281. 1. ♗xd7+.

282. 1. ♖xh6+.

283. 1. f5+.

284. 1. ♖c8+.

285. 1. ♘f6+.

286. 1. ♕d5+.

287. 1. ♕h5+.

288. 1. ♕a4+.

289. 1...♗xc3++.

290. 1...♘xd3++.

291. 1...♗e5++.

292. 1...♖b5++.

293. 1...dxc4++.

294. 1...♘b5++.

295. 1. ♗xb6+.

296. 1. ♘xb6+.

297. 1. b6+.

298. 1. e4+.

299. 1. ♘d4+.

300. 1. ♗d4+.

301. 1...♗b6+.

302. 1...f3+.

303. 1...♘e5+.

304. 1...f5+.

305. 1...♖a7+.

306. 1...♘c5+.

307. 1...♖e1+.

308. 1...♕a8+.

309. 1...♖a1+.

310. 1...♖g8+.

311. 1...♖a1+.

312. 1...c2+

313. 1. ♘xe6+.

314. 1. ♖xh6+.

315. 1. ♕xb6+.

316. 1. ♘f6+.

317. 1. ♘c6+.

318. 1. ♗xb7+.

319. 1. ♕e4+.

320. 1. ♕h6+.

321. 1. ♕b2+.

322. 1. ♕h1+.

323. 1. ♕h8+.

324. 1. ♕h1+.

325. 1. ♖g1+ followed by 2. ♖h1+.

326. 1. b4+ ♔a6 2. b5+.

327. 1. ♘g6+ ♔h7 2. ♘f8+.

328. 1. ♖h8+ followed by 2. ♘e5+.

329. 1. c4+ followed by 2. ♗a3+.

330. 1. ♗b5+ ♔d8 2. ♘e6+.

331. 1...c4.

332. 1...g5.

333. 1...♘c3.

334. 1...♔g2.

335. 1...♖b3.

336. 1...♕c3.

337. 1. ♖e1.

338. 1. ♗g2.

339. 1. ♖d7.

340. 1. f4.

341. 1. ♖a6.

342. 1. ♕h5.

343. 1. e5.

344. 1. ♖d5.

345. 1. ♖g4.

346. 1. ♘c5.

347. 1. ♘e5.

348. 1. ♕a8.

349. 1. d5.

350. 1. ♗b3.

351. 1. ♘c5.

352. 1. a5.

353. 1. ♘d6.

354. 1. ♖e4.

355. 1...♔h3.

356. 1...♗e5.

357. 1...♘f3.

358. 1...♘d6.

359. 1...♖f1.

360. 1...♔c2.

361. 1. ♘c5 followed by 2. ♔c7.

362. 1. g3 followed by 2. ♔g2.

363. 1. ♘d2 followed by 2. ♔b2.

364. 1. ♘e3 followed by 2. ♔h2.

365. 1. c4 followed by 2. b5.

366. 1. d3 followed by 2. ♖b2.

367. 1. ♖xb6.

368. 1. ♕xg6.

369. 1. f4.

370. 1. h6.

371. 1. ♕a1.

372. 1. ♗c7 (but not 1. ♗c5 ♖b8).

373. 1. ♕h1.

374. 1. ♕d3.

375. 1. ♗c2.

376. 1. ♗c8.

377. 1. ♕xc3.

378. 1. ♕d1.

379. 1. ♖f7+.

380. 1. ♗f3+.

381. 1. ♖e8+.

382. 1. ♕a2+.

383. 1. ♕h7+.

384. 1. ♕d7+.

385. 1...♖xg2+.

386. 1...♗xf3+.

387. 1...♕xd4+.

388. 1...dxe4+.

389. 1...♖xd3+.

390. 1...♗xb2+.

391. 1. ♗b5+.

392. 1. ♖xe4+.

393. 1. ♗xf6+.

394. 1. ♕a4+.

395. 1. ♕h5+ (but not 1. ♕a4+ c6).

396. 1. ♕h8+.

397. 1...♖xd7+.

398. 1...♖xe3+.

399. 1...♖d5+.

400. 1...♘c8+.

401. 1...♗e8+.

402. 1...♗a4+.

403. 1. d4+.

404. 1. ♘e5+.

405. 1. ♖e4+.

406. 1. d5+.

407. 1. ♗d5+.

408. 1. ♖b3+.

409. 1. h8♕+.

410. 1. ♖e1+.

411. 1. ♖d4+.

412. 1. ♗a6+.

413. 1. c7+.

414. 1. ♕d8+.

415. 1...♘xf3+.

416. 1...♖xh3+.

417. 1...♘xe4+.

418. 1...♗xc4+.

419. 1...♕xc3+.

420. 1...♘d4+.

421. 1. ♖d7.

422. 1. ♔f7.

423. 1. ♔f7.

424. 1. ♗f1.

425. 1. e5.

426. 1. ♕e5.

427. 1...♖d3.

428. 1...♗g6.

429. 1...♕e8.

430. 1...♗c6.

431. 1...♖f5.

432. 1...♕a8.

433. 1...e5.

434. 1...♖d6.

435. 1...♗d5.

436. 1...♖f4.

437. 1...♗c5.

438. 1...♕d4.

439. 1...c4.

440. 1...g4.

441. 1...♗e3.

442. 1...c5.

443. 1...♗e6.

444. 1...♘e6.

445. 1...b4 followed by 2...♔c2.

446. 1...♗e5 followed by 2...♔g6.

447. 1...h4 followed by 2...f5.

448. 1...♘c5 followed by 2...♔g7.

449. 1...♖d4 followed by 2...c3.

450. 1...f6 followed by 2...♔f7 and 3...♔g7.

451. 1...e5.

452. 1...c5.

453. 1...♗b7.

454. 1...e4.

455. 1...♕a5.

456. 1...♕e7.

457. 1...♔xe7.

458. 1...♘xf6.

459. 1...♘xc7.

460. 1...♖xg6.

461. 1...♗xa6.

462. 1...♗xh8.

463. 1. ♔e3.

464. 1. ♔f3.

465. 1. ♔f4.

466. 1. ♔f1.

467. 1. ♔d4.

468. 1. ♔g3.

469. 1. f6.

470. 1. ♘f5+.

471. 1. ♘b4.

472. 1. ♘d3.

473. 1. ♗b6.

474. 1. ♕g7.

475. 1...exf4.

476. 1...♗xe1.

477. 1...♔b7.

478. 1...♔d6.

479. 1...♘f5.

480. 1...♖g8.

481. 1. ♗xf8.

482. 1. ♗xc6.

483. 1. ♕xe8.

484. 1. ♕xe8+.

485. 1. ♕xd8, and White's d-pawn queens.

486. 1. ♕xe8+ ♕xe8 2. ♖f8, winning back the queen.

487. 1. ♕d6.

488. 1. ♕g4.

489. 1. ♕h6.

490. 1. ♕xa7.

491. 1. ♕a6.

492. 1. ♕d8.

493. 1...♖h5.

494. 1...♘e7.

495. 1...♘d5.

496. 1...♗b5.

497. 1...b5.

498. 1...e5.

499. 1...♗xb1+.

500. 1...♗h4+.

501. 1...♖a6.

502. 1...♗e4.

503. 1...♗d7.

504. 1...♘d5.

505. 1. ♕xb2+ ♖xb2, stalemate.

506. 1. ♕xh5+ ♕xh5, stalemate.

507. 1. ♔a3 ♖xc2, stalemate.

508. 1. ♔h1 ♗xf2, stalemate.

509. 1. ♔c2 ♖xd4, stalemate.

510. 1. ♕h2+ ♗xh2, stalemate.

511. 1...♘g3+ (but not 1...♕xa8, because of the in-between check 2. ♘f3+) 2. ♔h2 ♘f1+, perpetual check.

512. 1...♗c2+ 2. ♔a2 ♗b3+, perpetual check.

513. 1...♖g2+ 2. ♔h1 ♖g1+, perpetual check.

514. 1...♘c3+ 2. ♔c1 (but not 2. ♔a1 ♖a2#) 2...♘a2+, perpetual check.

515. 1...♗xe5+ 2. ♔g1 ♗d4+, perpetual check.

516. 1...♘g2+ and then 2...♘e3+, with perpetual check.

517. 1. ♕xb5.

518. 1. ♕xb6.

519. 1. ♕xh6.

520. 1. ♗xc4.

521. 1. ♖d1.

522. 1. ♖d2.

523. 1. ♖d1, and Black can't play 1... ♖xa1 because of 2. ♖d8#.

524. 1. ♖a1, and Black can't play 1... ♗xh3 because of 2. ♖a8#.

525. 1. ♘f6, and because of the threat of 2. ♖h7#, Black has to play 1...♗e4.

526. 1. ♗h6, and Black can't play 1... exd1♕ because of 2. ♗g7#.

527. 1. ♘e5, and Black can't play 1... ♘xh4 because of 2. ♘f7#.

528. 1. ♗e2, and Black can't play 1... ♗xh6 because of 2. ♗a6#.

529. 1... ♖f7.

530. 1... ♖d7.

531. 1... ♖b7.

532. 1... ♖d6 (but not 1... ♖d7 2. ♕e6+).

533. 1... ♖a4 (but not 1... ♖d5 or 1... ♖e4, because of 2. ♗f3).

534. 1... ♖c7 (the only move, since Black has to watch out for 2. ♘e7+, which could follow after the careless 1... ♖xf5).

535. 1. ♖f3.

536. 1. d4.

537. 1. ♖e3.

538. 1.♘f3.

539. 1. d5.

540. 1. ♗b2.

541. 1...♘d4+.

542. 1...b5+.

543. 1...e5+.

544. 1...♗a2.

545. 1...♘d7.

546. 1...♘gf6.

547. 1...♗e5.

548. 1...♔f6.

549. 1...♕d4.

550. 1...♘f5.

551. 1...♖c7.

552. 1...f6.

553. 1. ♗e3.

554. 1. ♗b4.

555. 1. ♖b4.

556. 1. ♖xd4.

557. 1. ♕g4.

558. 1. ♕h7.

559. 1...exf4+.

560. 1...♘xe1.

561. 1...♖xe7.

562. 1...♗xc4+.

563. 1...♖xb7.

564. 1...♕xd6.

565. 1...♘g6.

566. 1...♘g5.

567. 1...♘b3.

568. 1...♗a7.

569. 1...♗e5.

570. 1...♘e8.

571. 1...♘e4.

572. 1...b4.

573. 1...♗f7.

574. 1...♗d7.

575. 1...♘d7.

576. 1...♗a7.

577. 1. ♔f7.

578. 1. ♗f6.

579. 1. ♘e5.

580. 1. ♘e6.

581. 1. g4.

582. 1. ♖a3.

583. 1. b4.

584. 1. g3.

585. 1. ♘d2.

586. 1. ♔g4.

587. 1. ♘b3.

588. 1. ♕b2.

589. 1. ♘c5+.

590. 1. ♗c4.

591. 1. ♘c6.

592. 1. ♗e6.

593. 1. ♖f5.

594. 1. ♖a3.

595. 1. ♖e4+, and White wins the queen for a rook.

596. 1. ♗f1, saving the bishop.

597. 1. ♖f8+, winning the queen for a rook.

598. 1. ♗c5, saving the bishops.

599. 1. ♘xf5+, winning the queen.

600. 1. ♗xg6+, winning the exchange.

601. 1...♘f3+, winning White's queen for the knight.

602. 1...e5, getting rid of the pin.

603. 1...♗h2+, winning the exchange.

604. 1...♗a6, and White has to give up either a bishop, or the queen for two minor pieces.

605. 1...♕h8, and White loses the rook due to the pin.

606. 1...♗b2+, winning the exchange.

607. 1. ♘d6+, winning the rook.

608. 1. ♖d5, defending both minor pieces.

609. 1. ♖xf6+, winning the queen (but not 1. ♕xf4+ ♖xf4 2. ♖xf4 c1♕#).

610. 1. ♗b5+, winning the queen for a bishop.

611. 1. ♘xf8, winning an exchange, because after 1...cxd5 White plays 2. ♘g6+ and 3. ♘xe7.

612. 1. ♕xc8, and Black loses a rook.

613. 1...♗b6, winning the rook.

614. 1...♖d4+, and discovered check wins the bishop.

615. 1...♘g3, winning a rook.

616. 1...♖c2, and the pin allows Black to save both pieces.

617. 1...♘f3+, winning the queen because 2. gxf3 leads to checkmate after, for example, 2...♖g6+ 3. ♔h2 ♕xh3#.

618. 1...♗d6 allows Black to keep the extra piece, since White can't play 2. ♘xc4 ♗xf4+, while 2. ♖xc4 is answered strongly by 2...♗xe5.

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Volume 7

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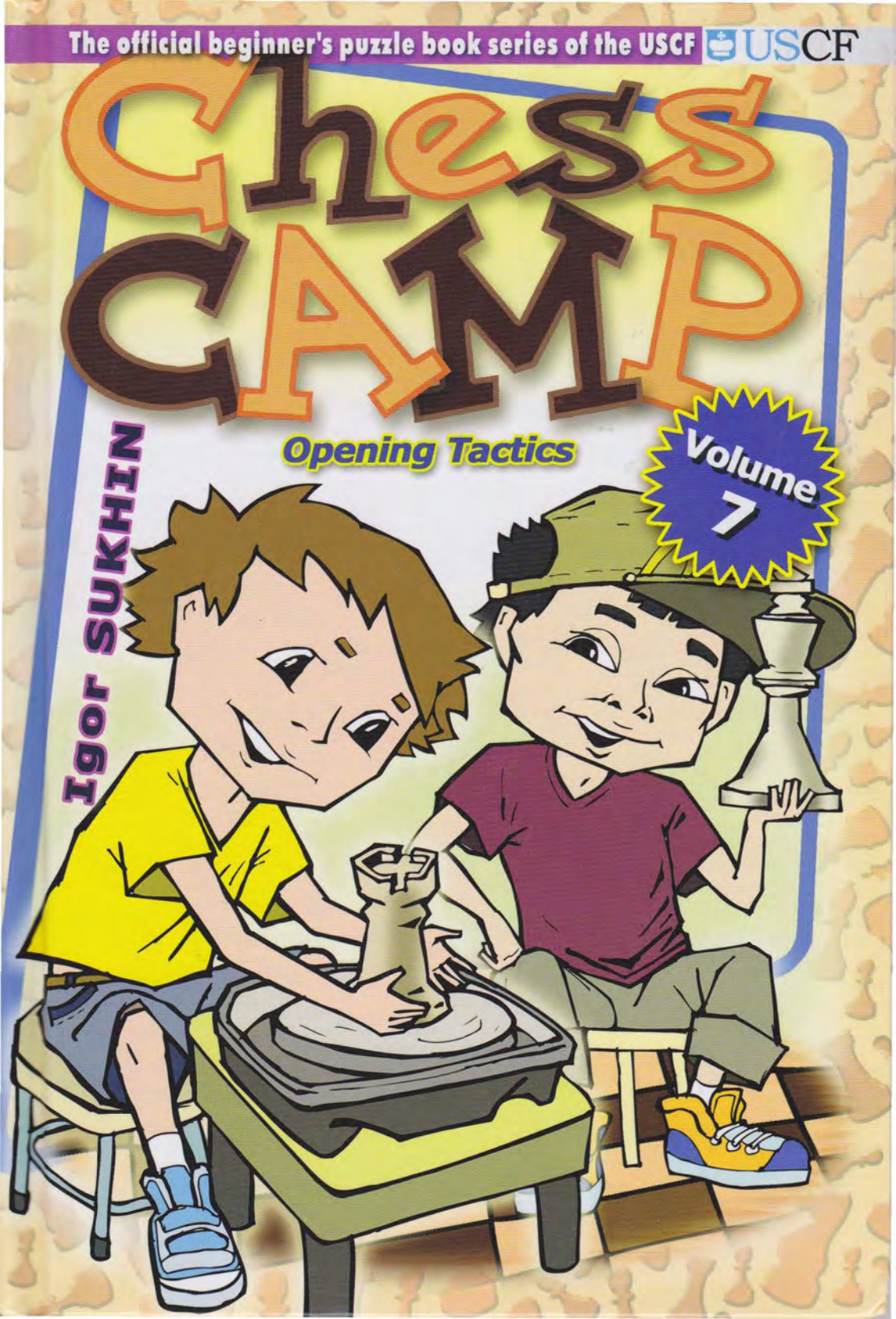

Igor Sukhin

Chess Camp

Volume 7: Opening Tactics

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Note for Coaches, Parents, Teachers, and Trainers

By this point in the *Chess Camp* series, the student has acquired experience in solving problems to master both typical tactical techniques for gaining a material advantage (the double attack, discovered check, and so on) and defensive methods (escaping from attack, counterattacking, etc.). In previous volumes, the material was grouped by theme.

Now the student must use his or her acquired skills in conditions where the theme of the attacking or defensive maneuver is unknown. This corresponds more closely to the reality of a chess game, in which you don't immediately know which specific aspect of the position will be the defining one (a pin; the poor position of a piece; something else). Students themselves must carefully analyze the positions that have been created, get a feel for their peculiarities, and work out which specific method of play needs to be used to win material or defend the position.

The contents of this book are classified by opening type. This will help the beginning player to familiarize himself with the fundamental tactical ideas that are characteristic of a particular opening, as well as with some patterns to be found in the treasure trove of the chess arts. The tactical blows most commonly encountered in the games of beginners are presented with a greater number of examples (in different openings) than are other, rarely encountered tactical ideas.

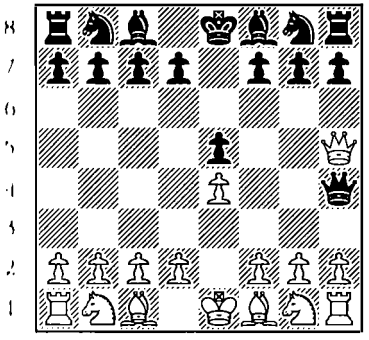
The examples include both very simple, one-move problems and positions in which a beautiful maneuver will not be found right away. Some attention has been given to rare opening systems, such as openings where the queen comes into the game early. These kinds of positions occur frequently in the games of inexperienced players, but they are not always given the amount of attention they deserve in the vast chess literature.

When solving the problems in which a defensive maneuver needs to be found, above all the student must see the threat itself (check, double attack, etc.), and — based on that — start to look for the best defensive move (or maneuver). This defensive idea may be: 1) a counterattack in which you manage to defend and to acquire a material advantage; 2) a defense that preserves material equality; 3) a defense in a difficult position, when even after the defensive maneuver your opponent's position remains preferable (but a quick loss is likely if you fail to find the best move).

Silly Games

Copycat (mirror-image) games

Wanting to take the game to a draw, Black is copying White's moves. Punish him!
White to move. Win the queen.



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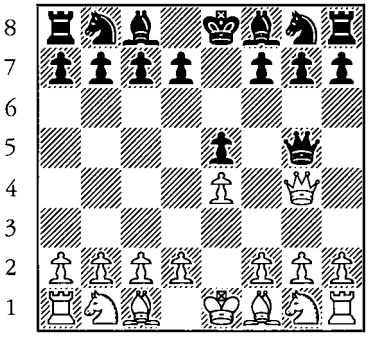

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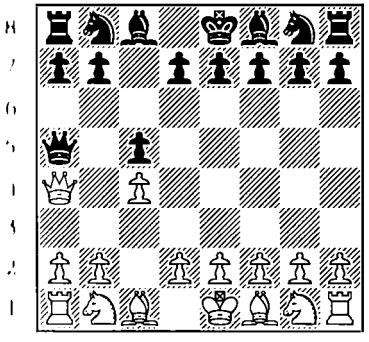

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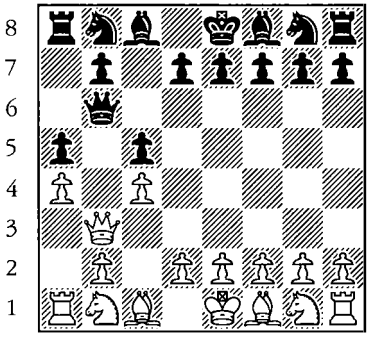

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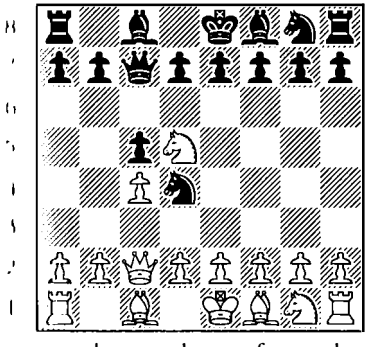

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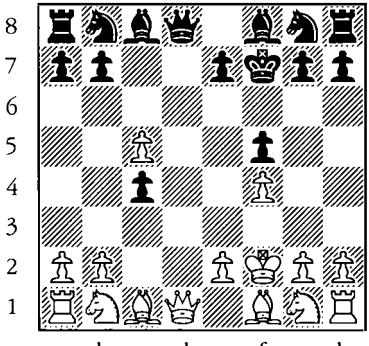

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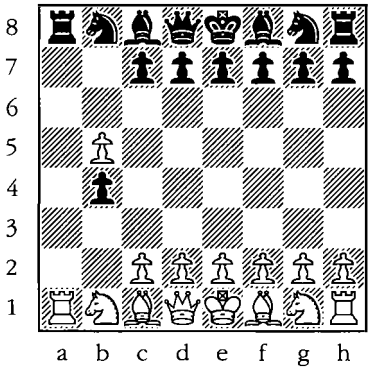
White to move. Win a rook.



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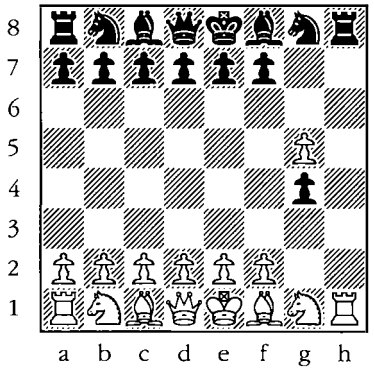

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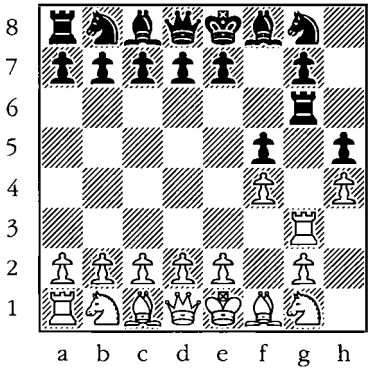

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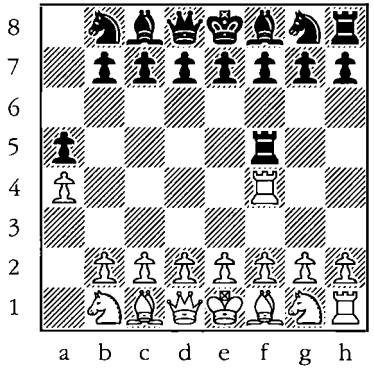

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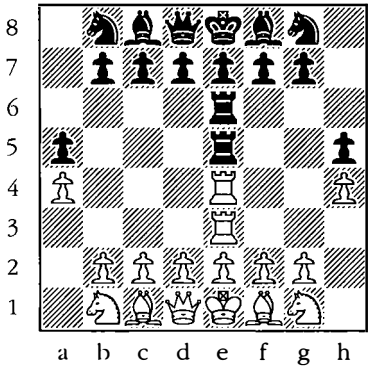

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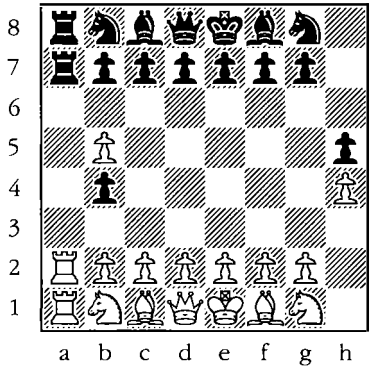

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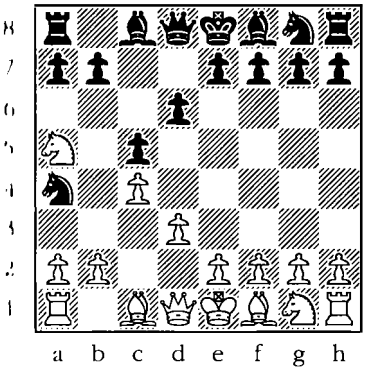
White to move. Win a knight.



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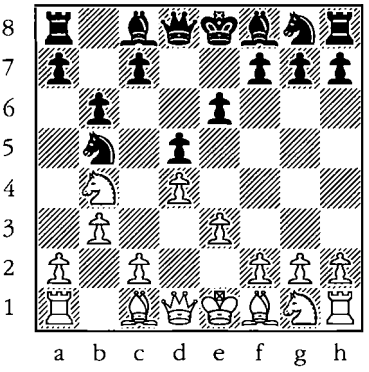

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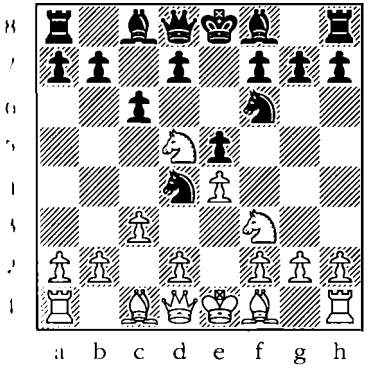

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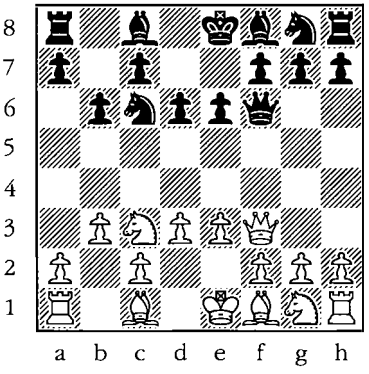

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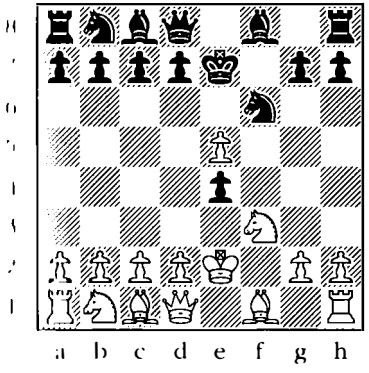

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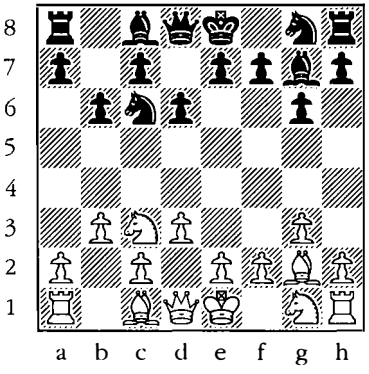

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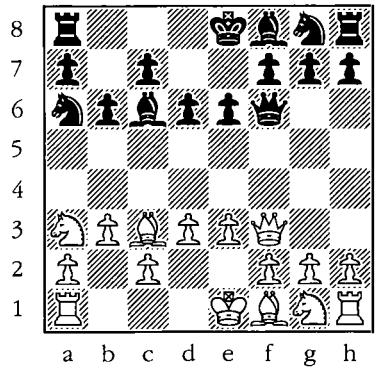
White to move. Win a bishop.



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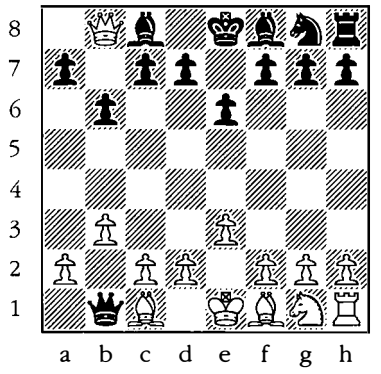

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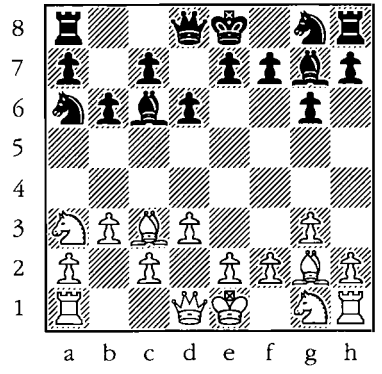

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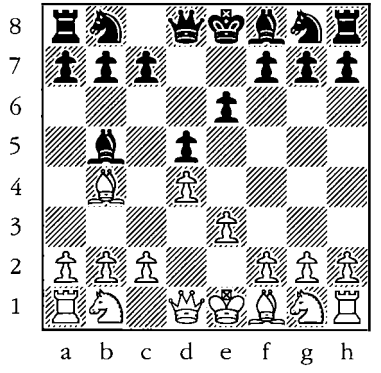

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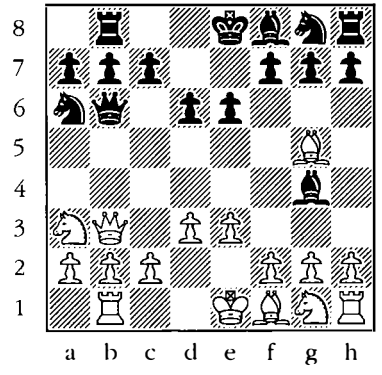

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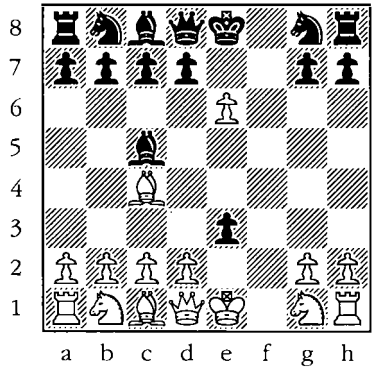
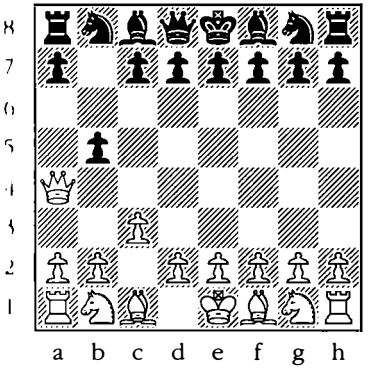


24

Silly Games

Winning a piece on moves 2-4 of the game

Black to move. Win the queen on the second move of the game.



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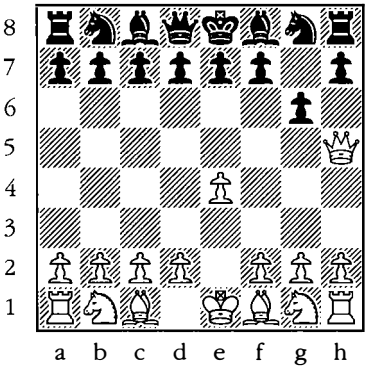

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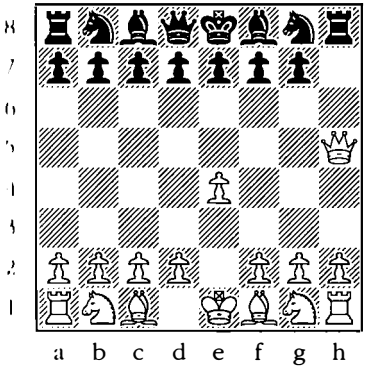

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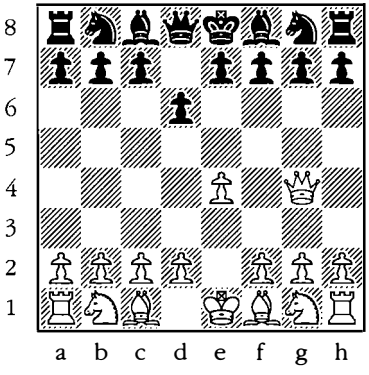

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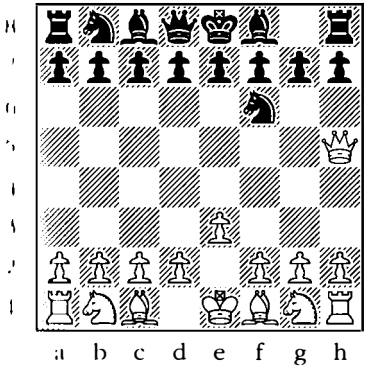

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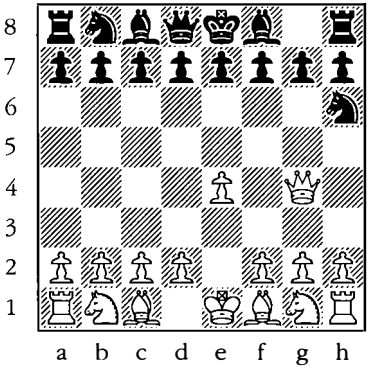

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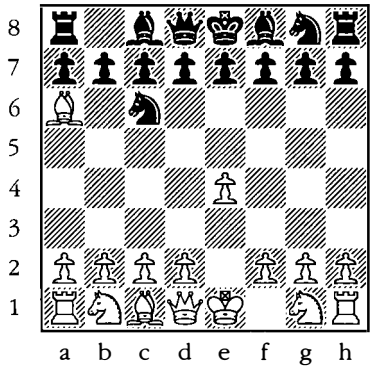
Black to move. Win a bishop on the second move of the game.



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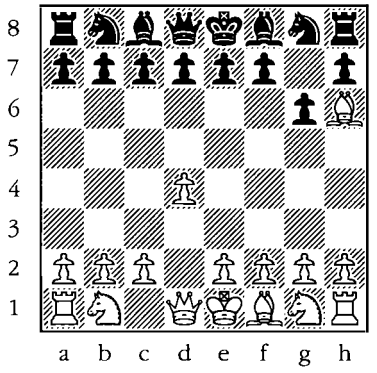

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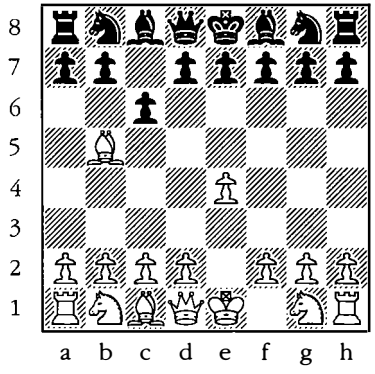

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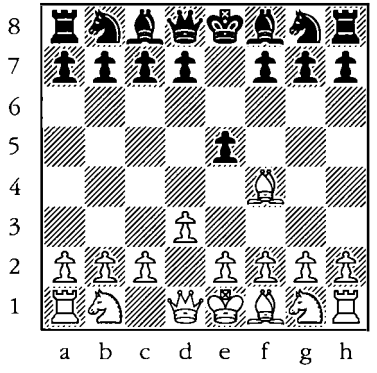

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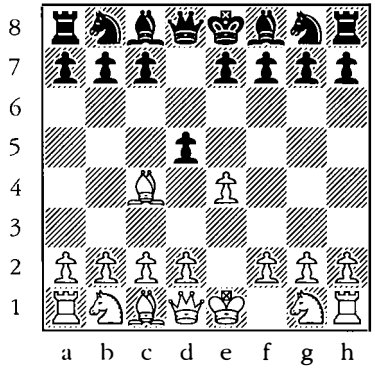

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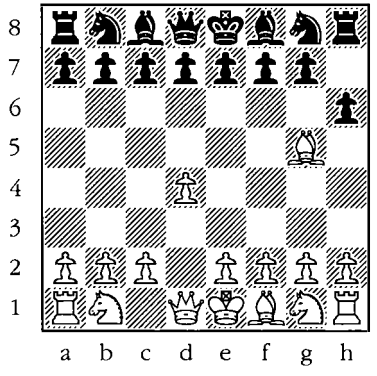
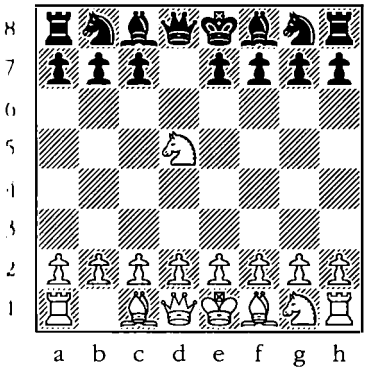


36

Black to move. Win a knight on the second move of the game.



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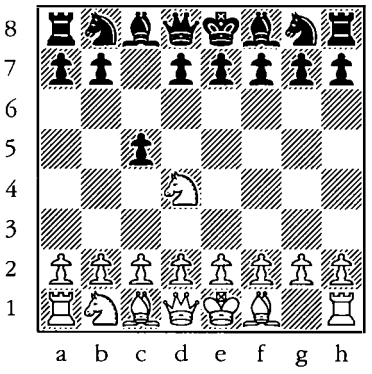

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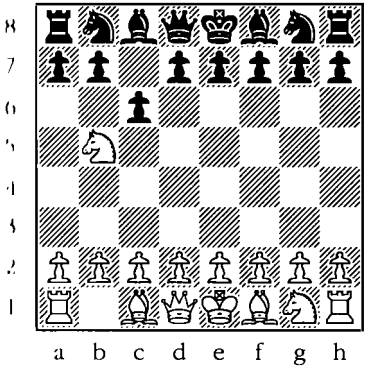

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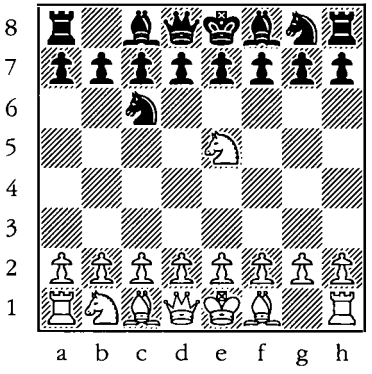

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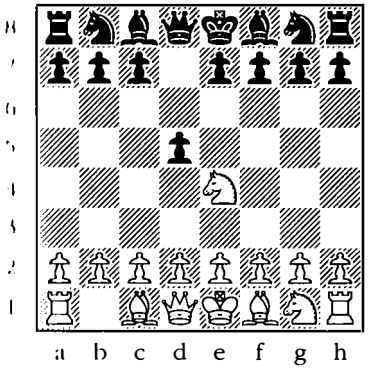

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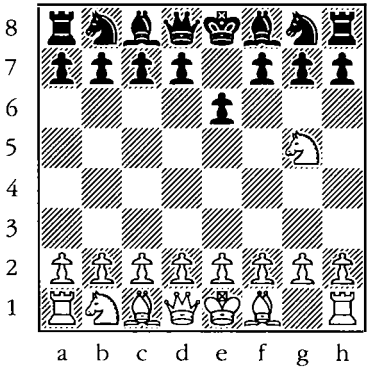
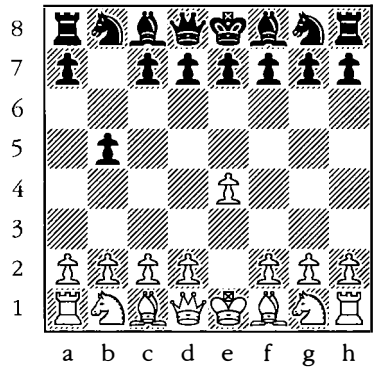


42

White to move. Win a pawn on the second move of the game.



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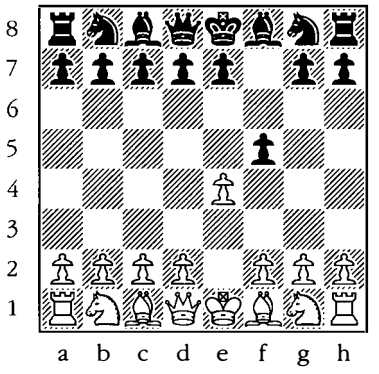

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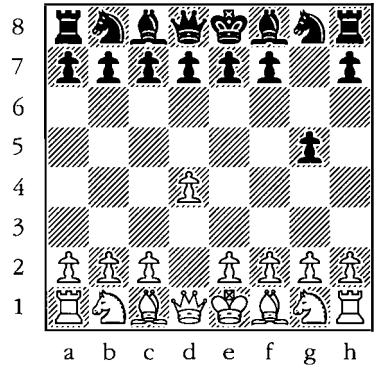

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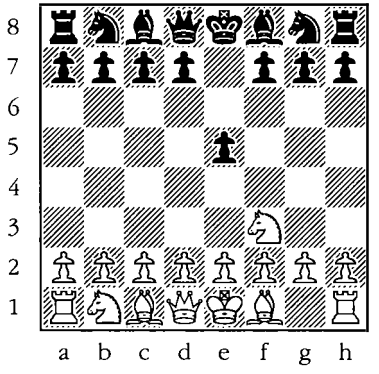

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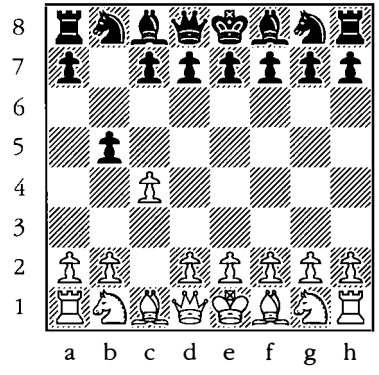

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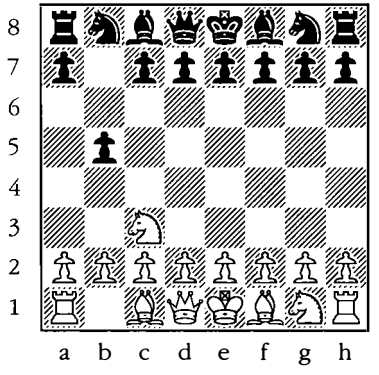
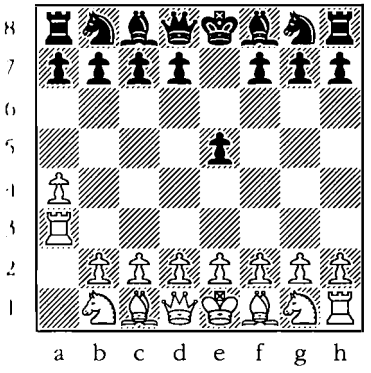


48

Black to move. Win the exchange or a pawn on the second move of the game.



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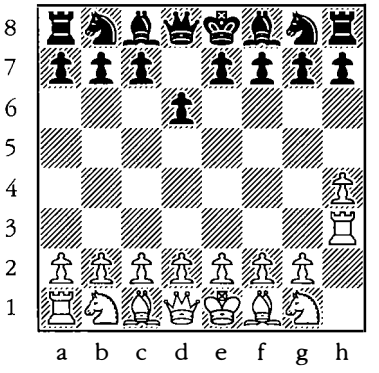

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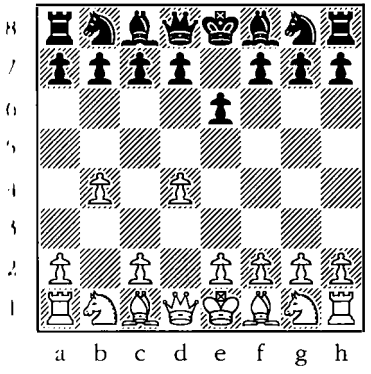

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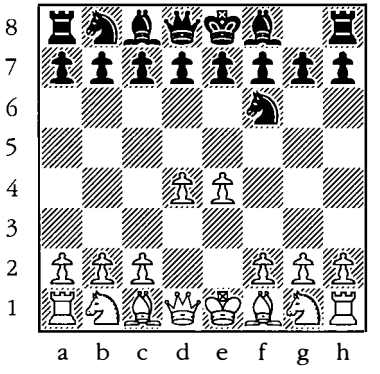

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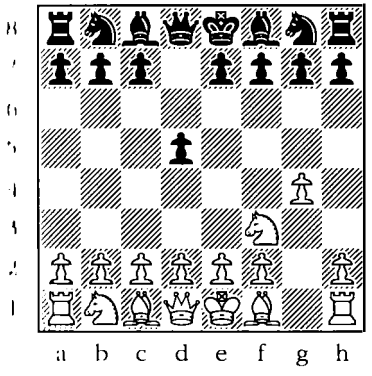

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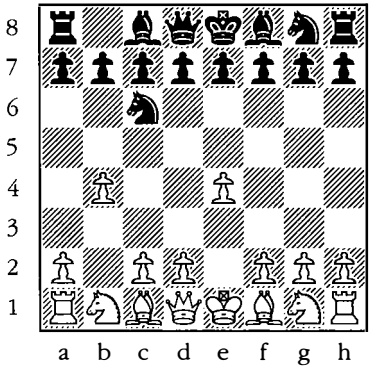
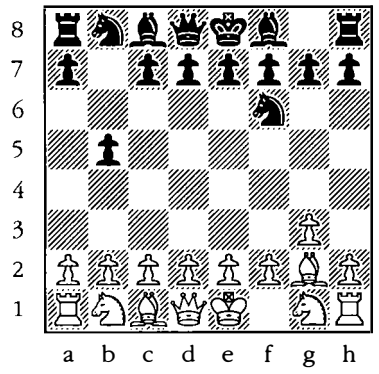


54

White to move. Win a rook on the third move of the game.



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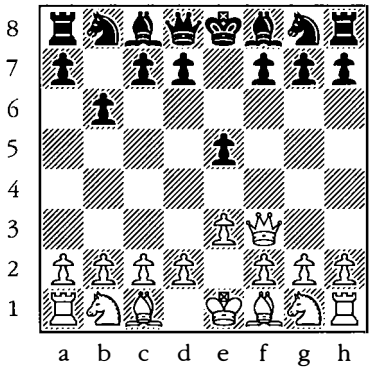

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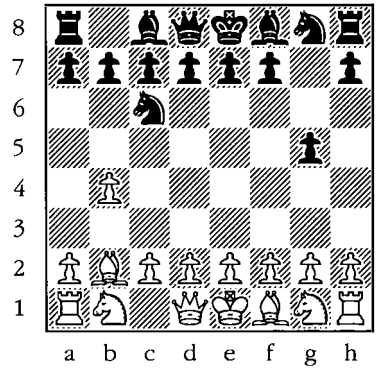

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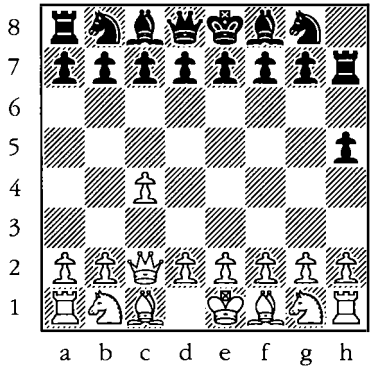

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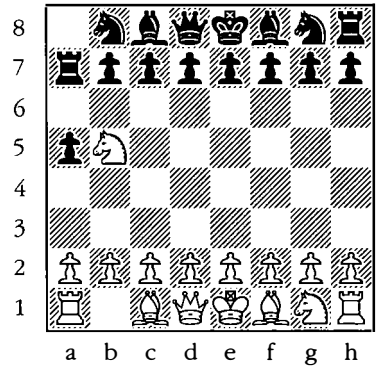

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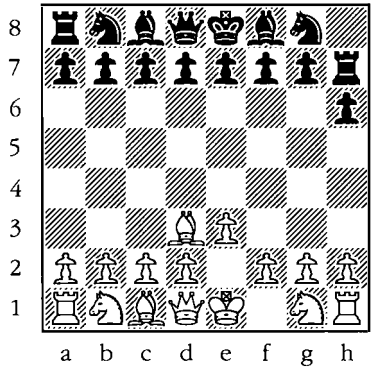
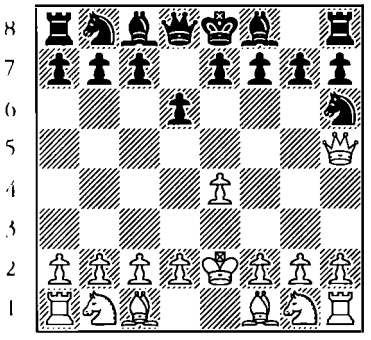


60

Black to move. Win the queen on the third move of the game.



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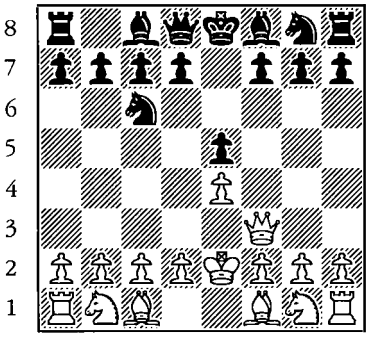

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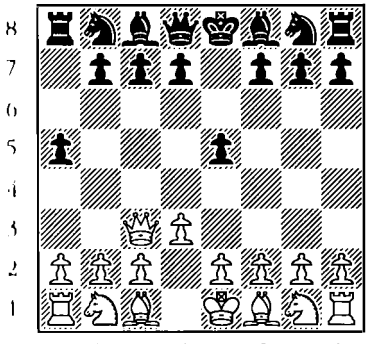

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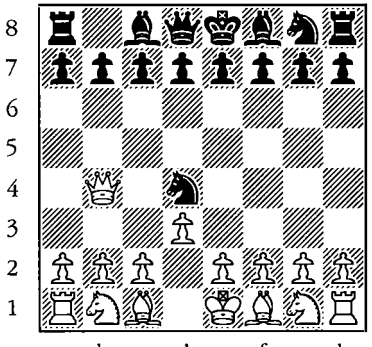

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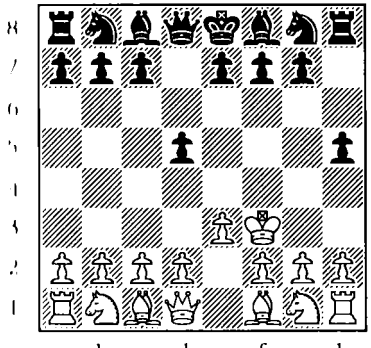

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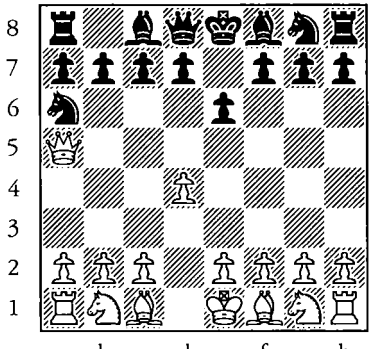
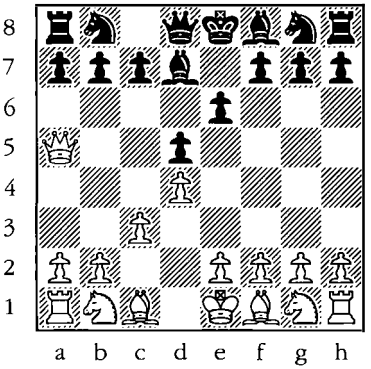


66

Black to move. Win the queen on the fourth move of the game.



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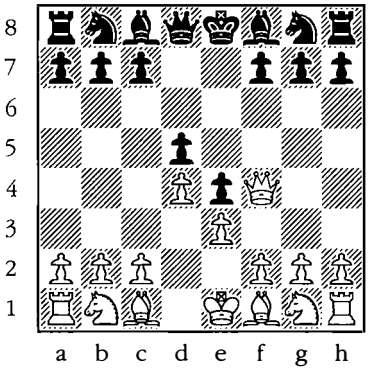

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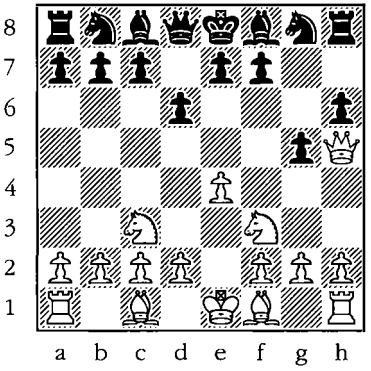

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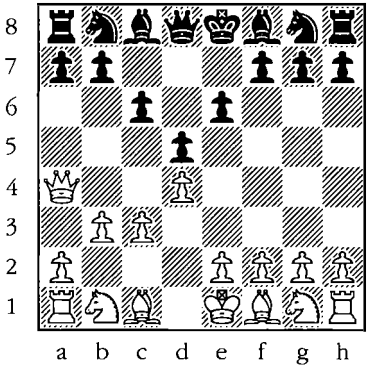

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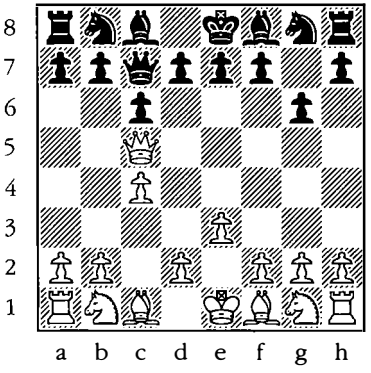

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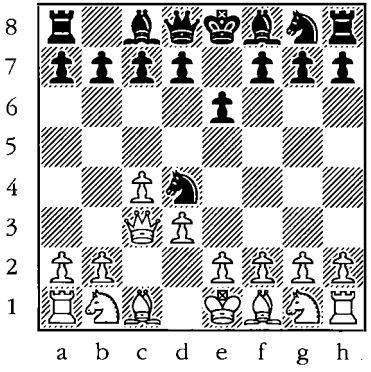
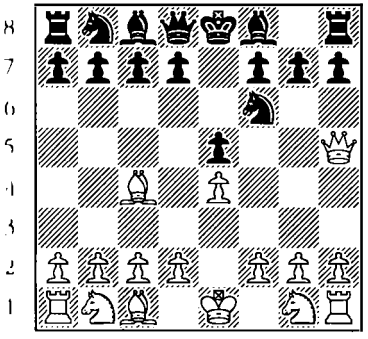


72

Winning Material in the Open Games

The opening variation 1. e4 e5 2. ♕h5

Black to move. Find the best continuation.



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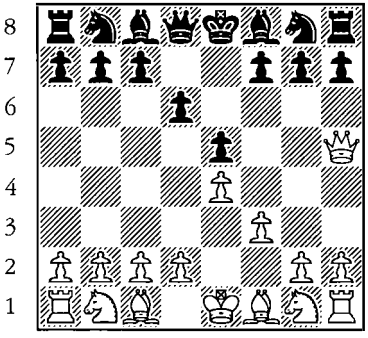

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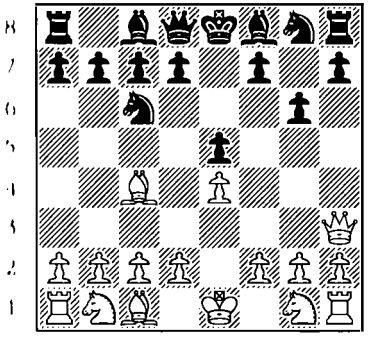

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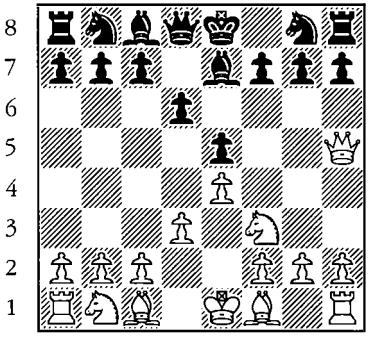

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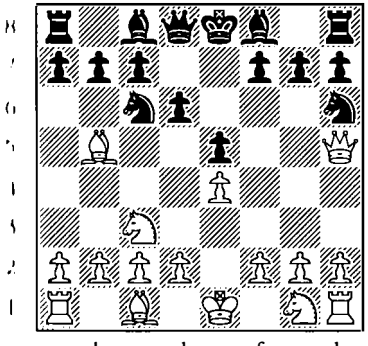

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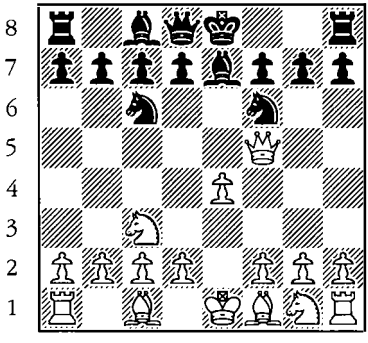
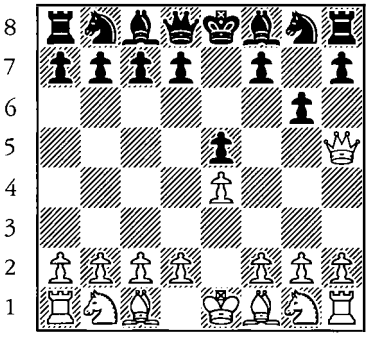


78

The opening variation 1. e4 e5 2. ♕h5

White to move. Find the best continuation.



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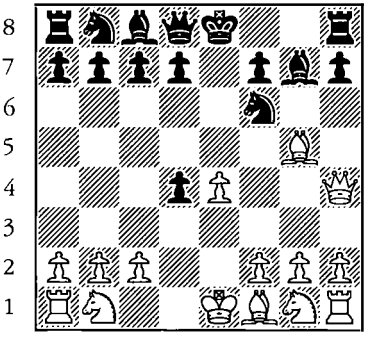

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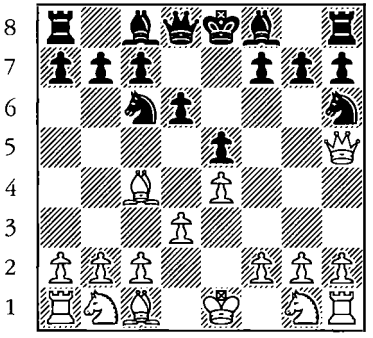

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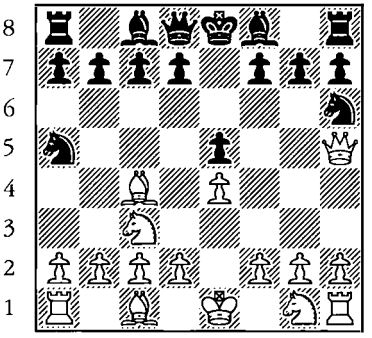

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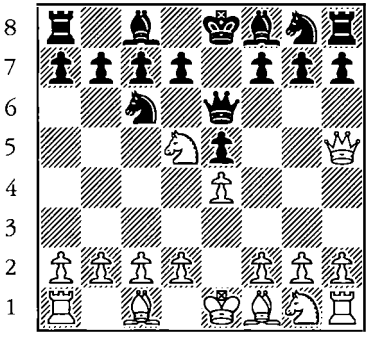

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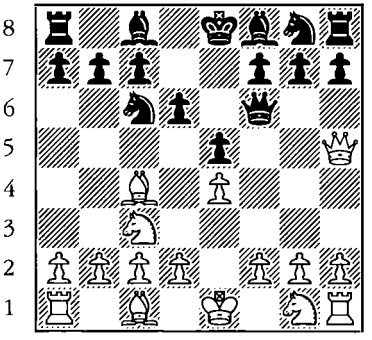
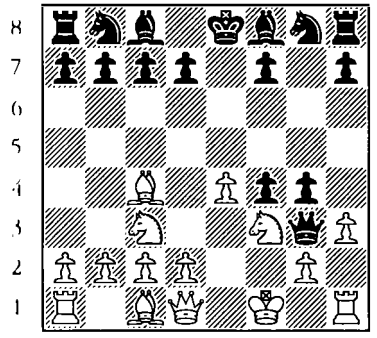


84

King's Gambit

1. e4 e5 2. f4

White to move. Find the best continuation.



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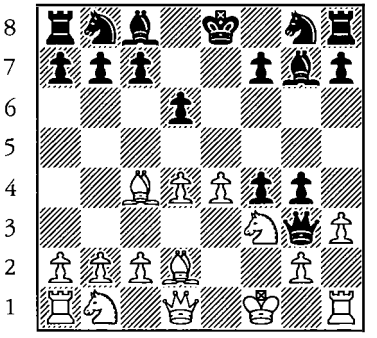

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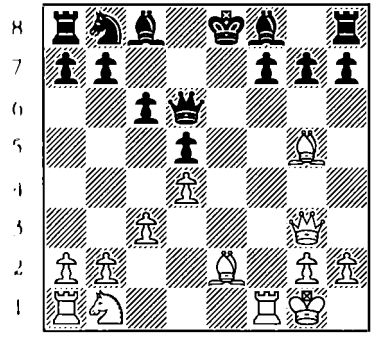

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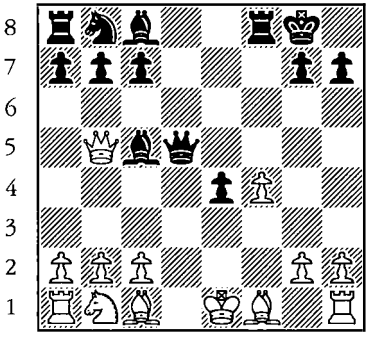

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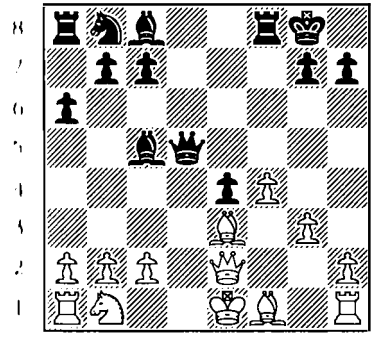

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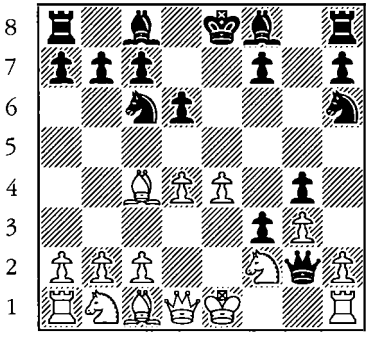
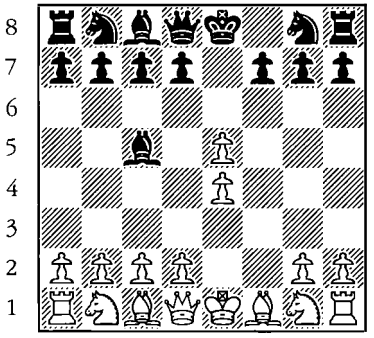


90

King's Gambit

1. e4 e5 2. f4

Black to move. Find the best continuation.



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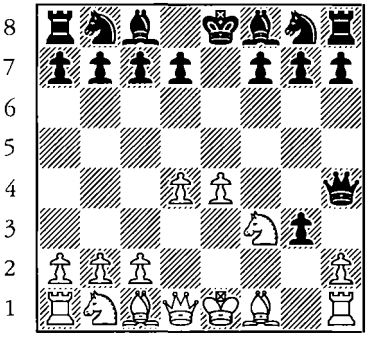

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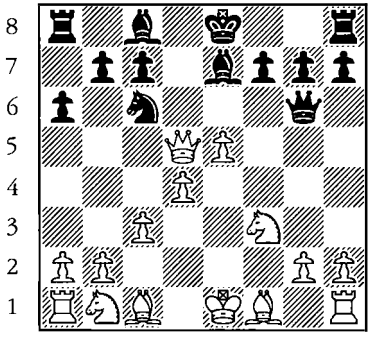

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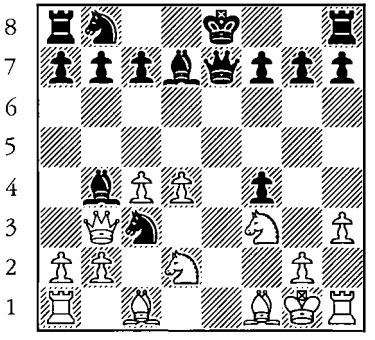

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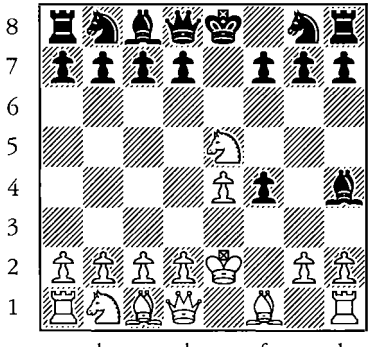

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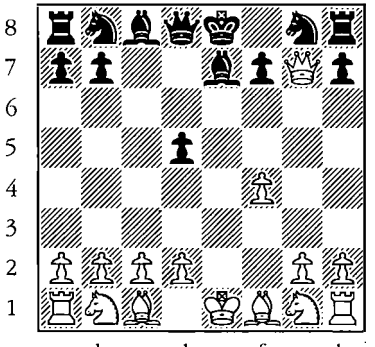
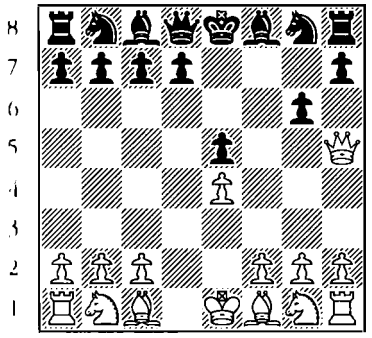


96

Center Game

1. e4 e5 2. d4

White to move. Find the best continuation.



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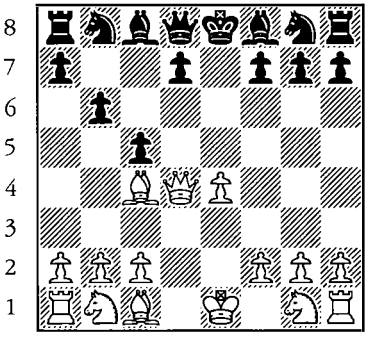

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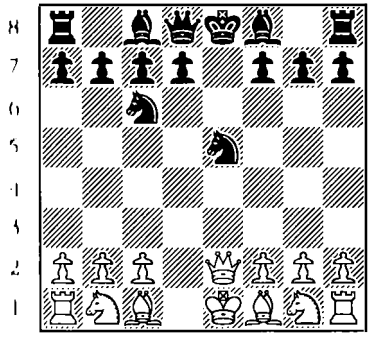

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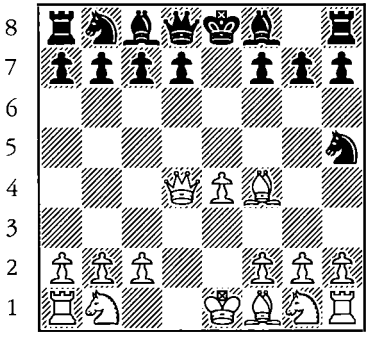

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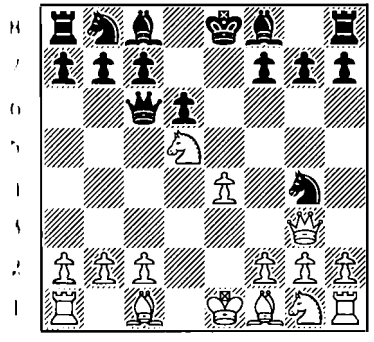

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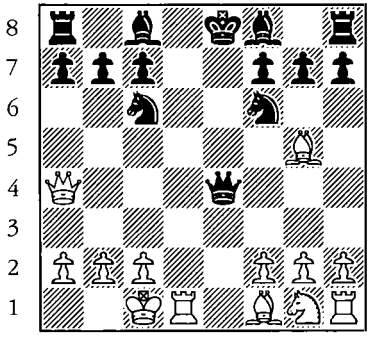
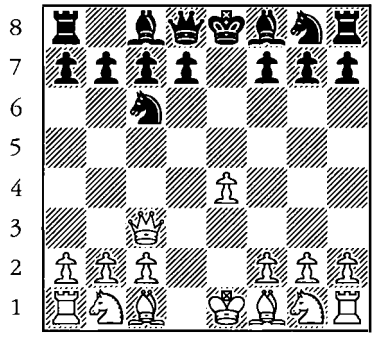


102

Center Game

1. e4 e5 2. d4

Black to move. Find the best continuation.



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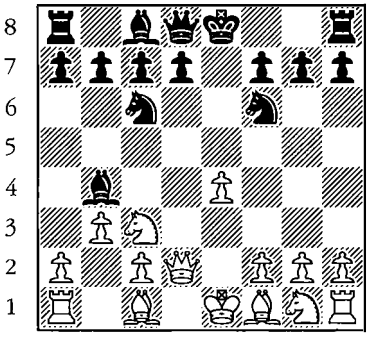

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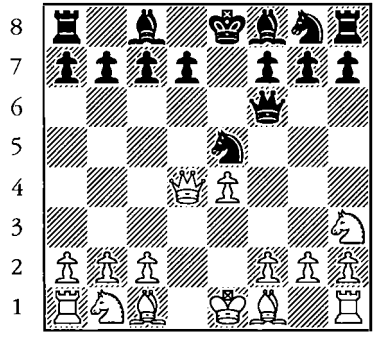

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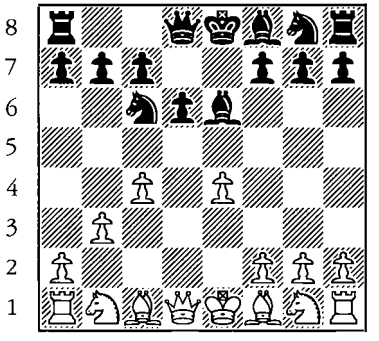

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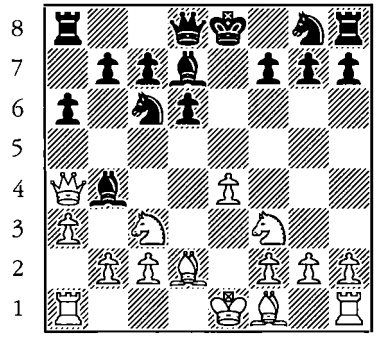

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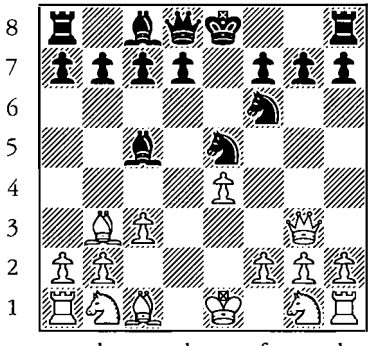
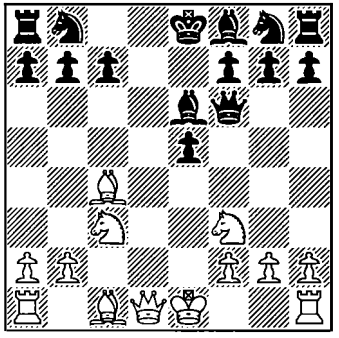


108

1. e4 e5 2. d4 cxd4 3. c3

White to move. Find the best continuation.



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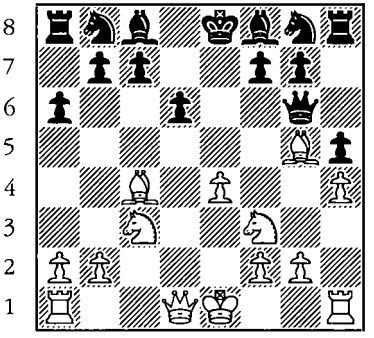

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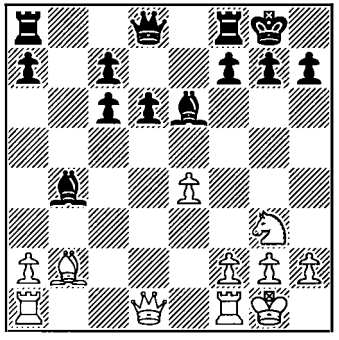

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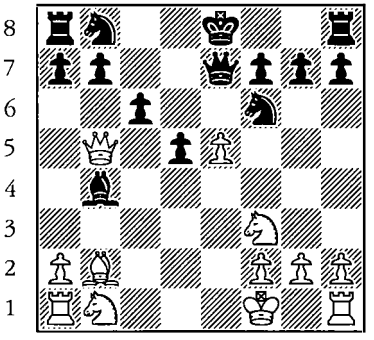

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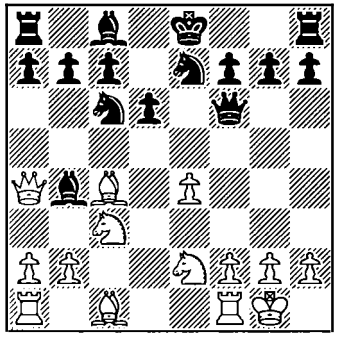

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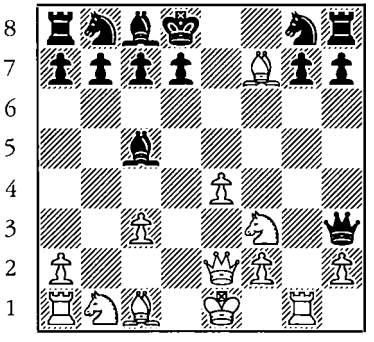
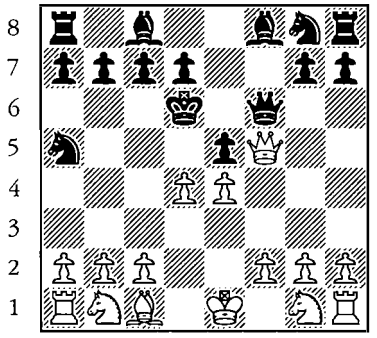


114

Bishop's Opening

1. e4 e5 2. ♗c4

White to move. Find the best continuation.



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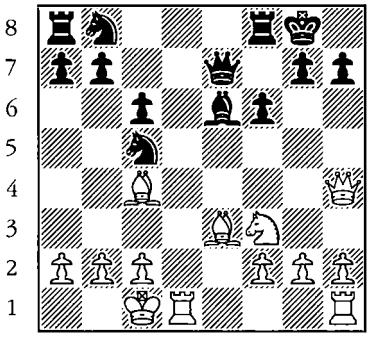

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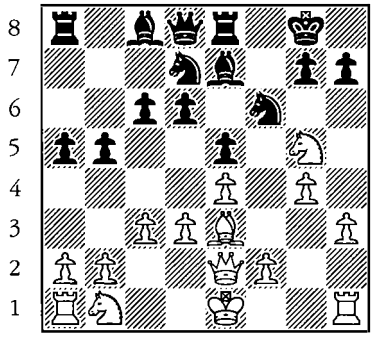

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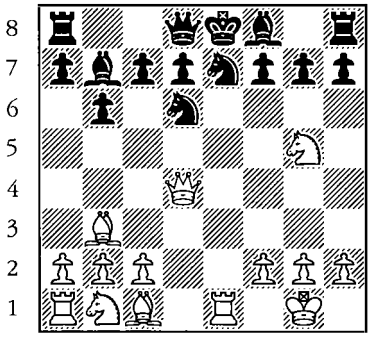

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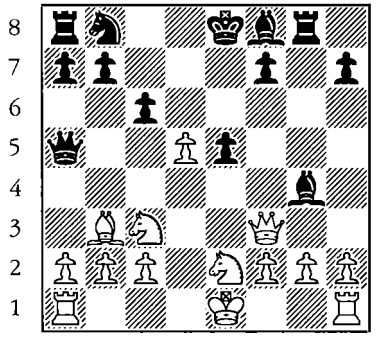

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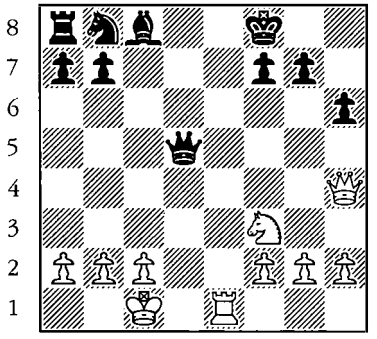
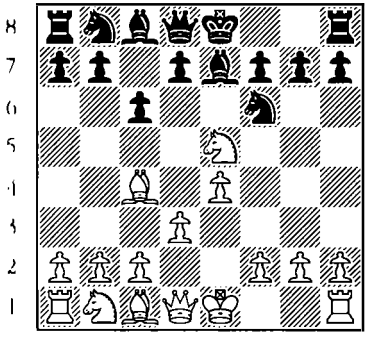


120

Bishop's Opening

1. e4 e5 2. ♗c4

Black to move. Find the best continuation.



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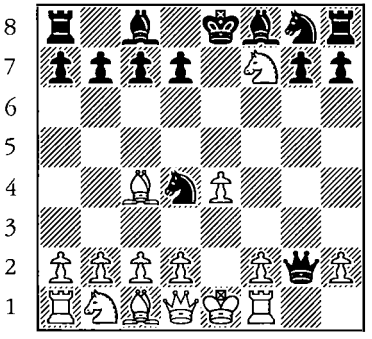

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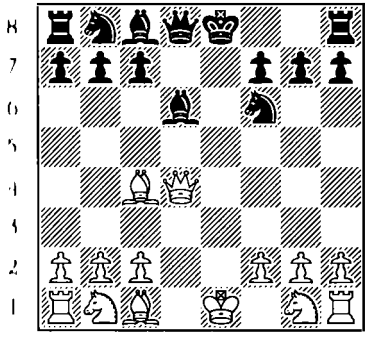

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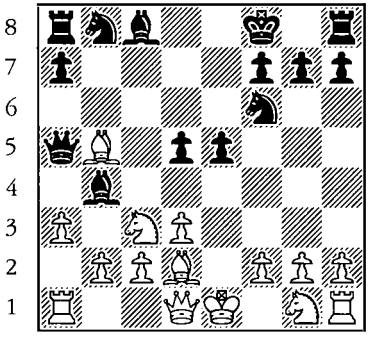

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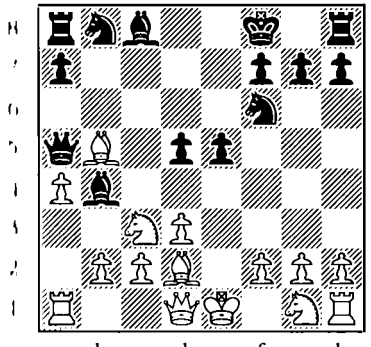

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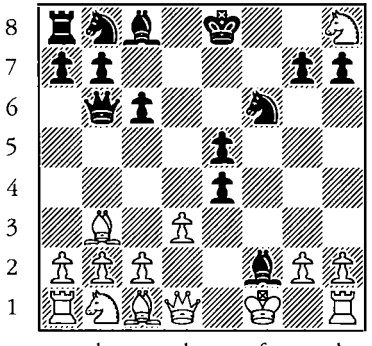
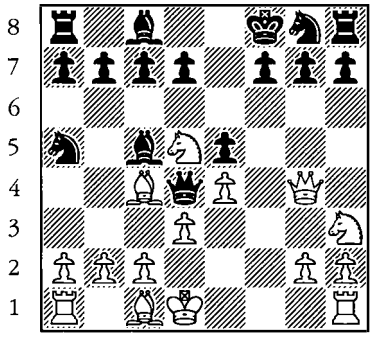


126

Vienna Game

1. e4 e5 2. ♘c3

White to move. Find the best continuation.



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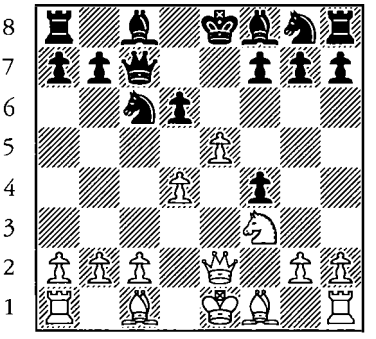

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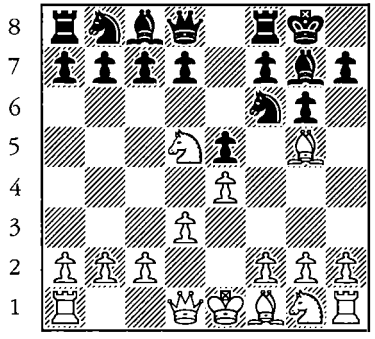

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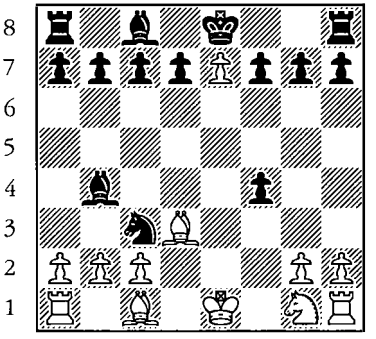

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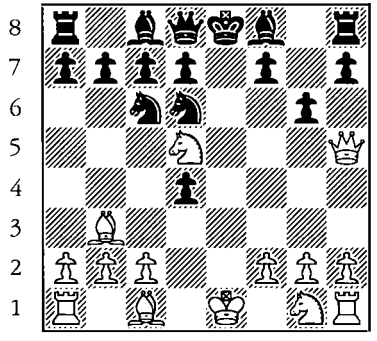

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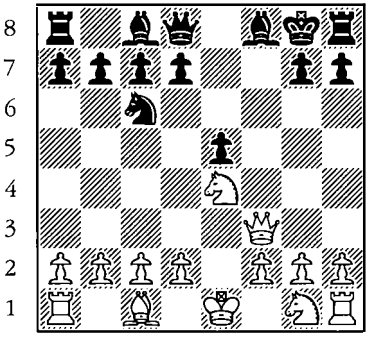
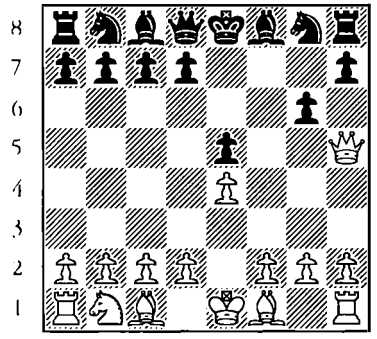


132

Damiano's Defense

1. e4 e5 2. ♘f3 f6

White to move. Find the best continuation.



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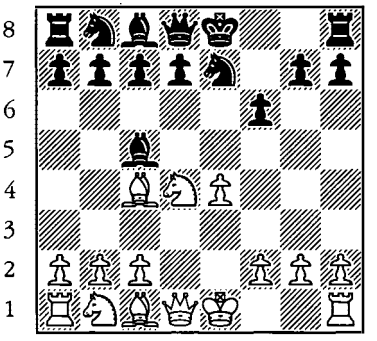

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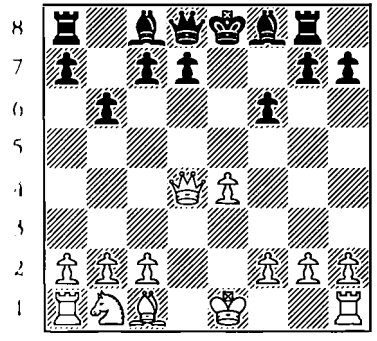

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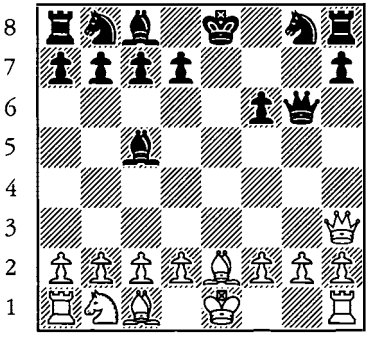

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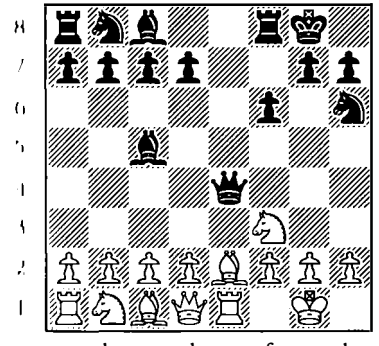

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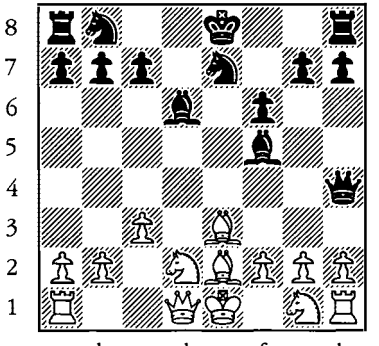
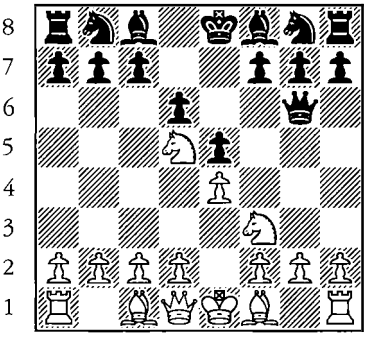


138

The opening variation 1. e4 e5 2. ♘f3 ♕f6

White to move. Find the best continuation.



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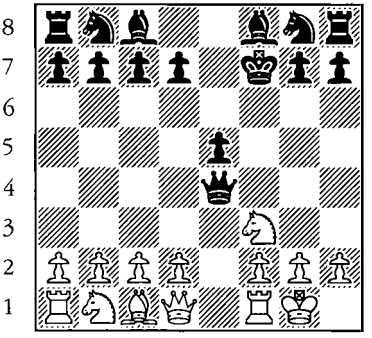

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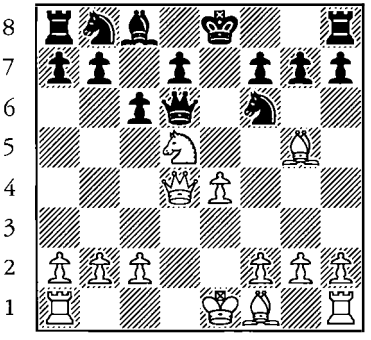

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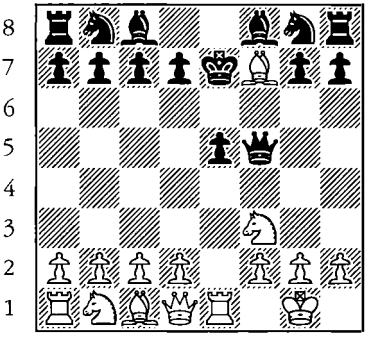

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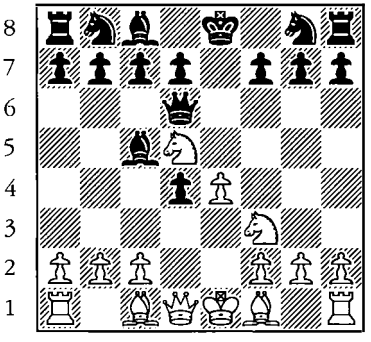

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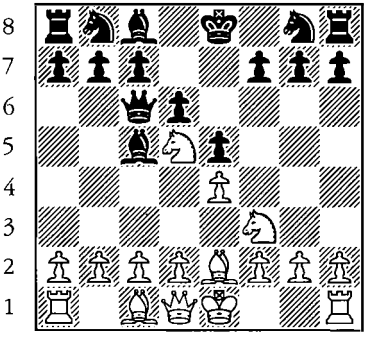
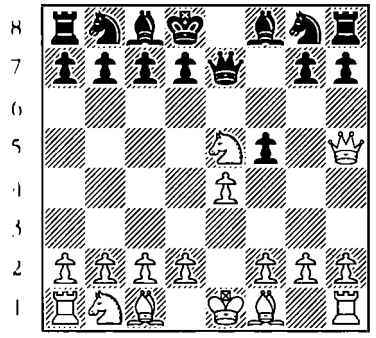


144

Latvian Gambit

1. e4 e5 2. ♘f3 f5

White to move. Find the best continuation.



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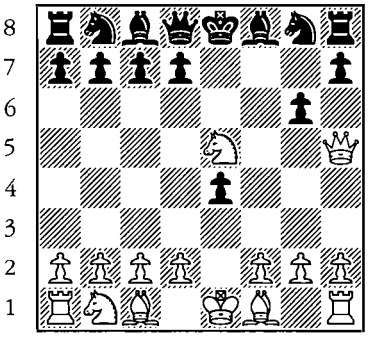

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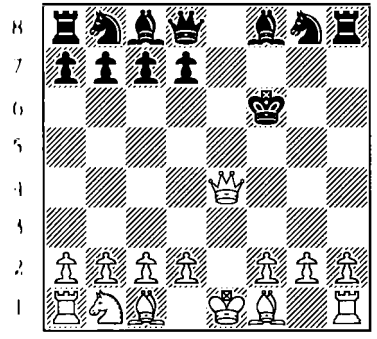

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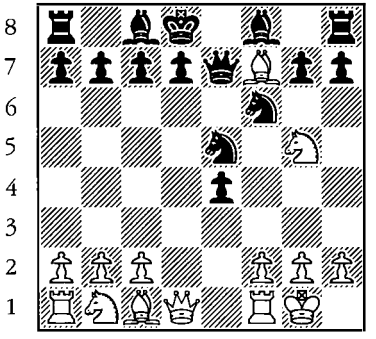

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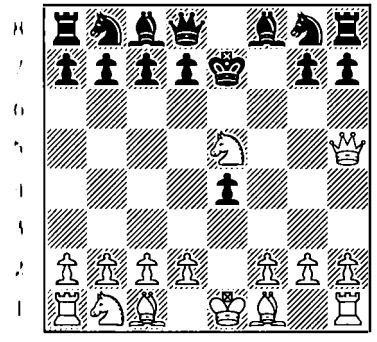

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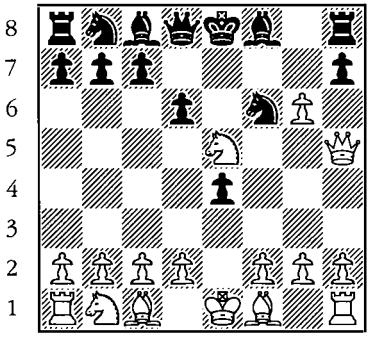
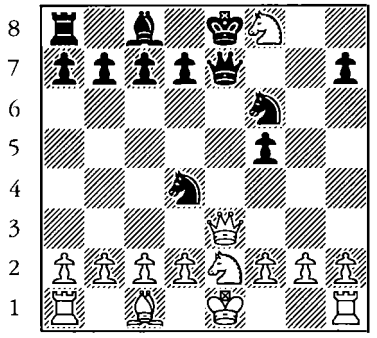


150

Latvian Gambit

1. e4 e5 2. ♘f3 f5

Black to move. Find the best continuation.



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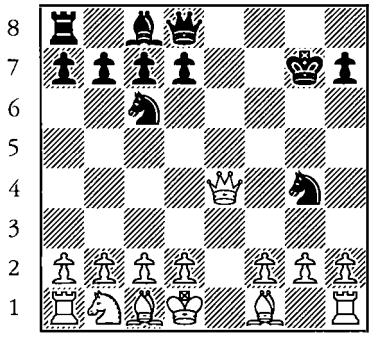

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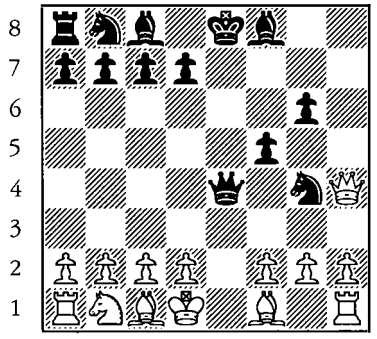

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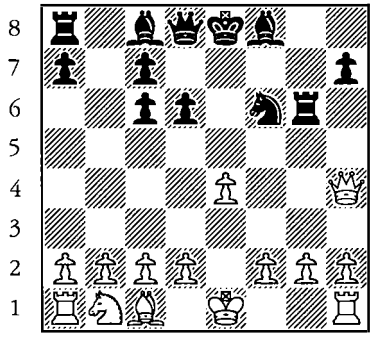

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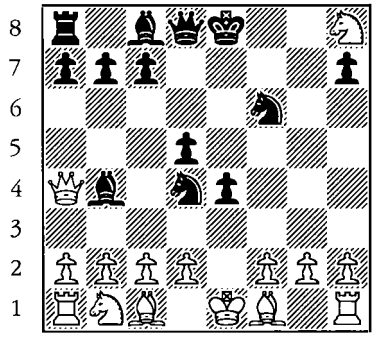

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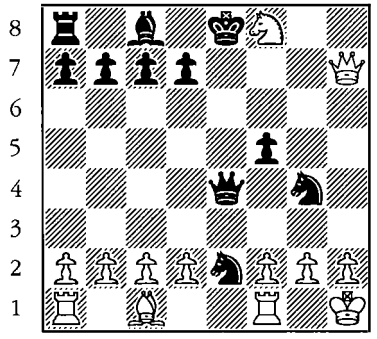
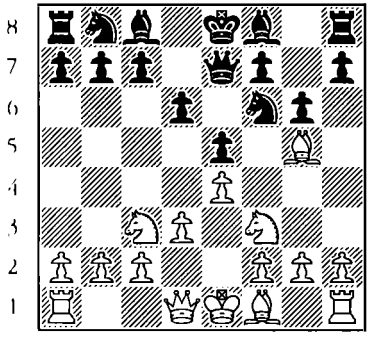


156

Philidor's Defense

1. e4 e5 2. ♘f3 d6

White to move. Find the best continuation.



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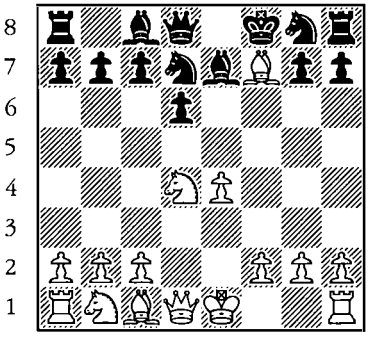

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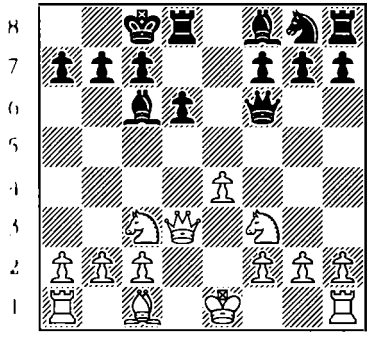

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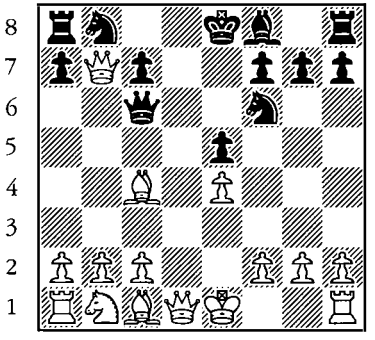

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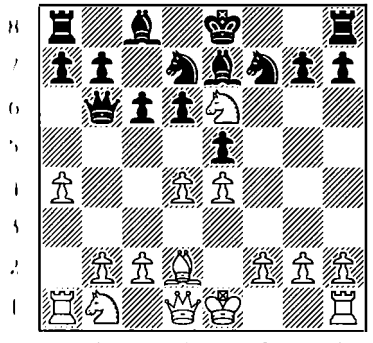

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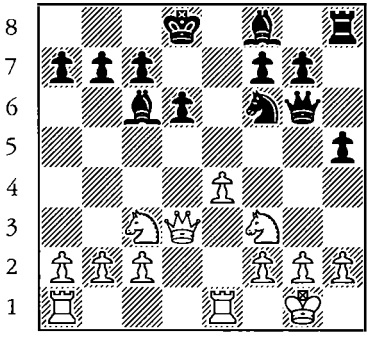
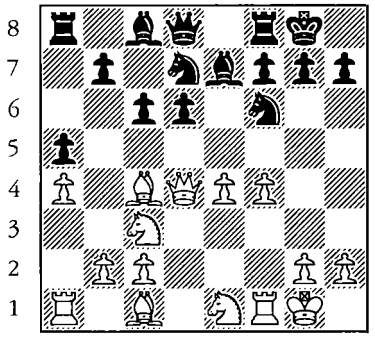


162

Philidor's Defense

1. e4 e5 2. ♘f3 d6

Black to move. Find the best continuation.



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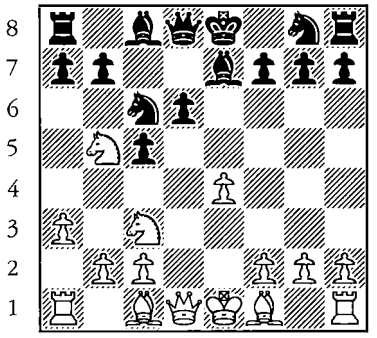

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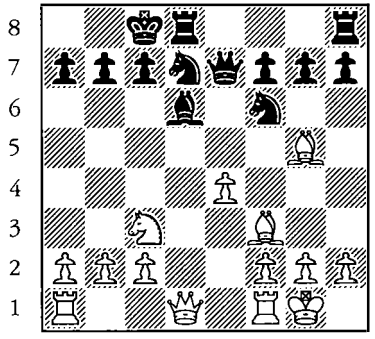

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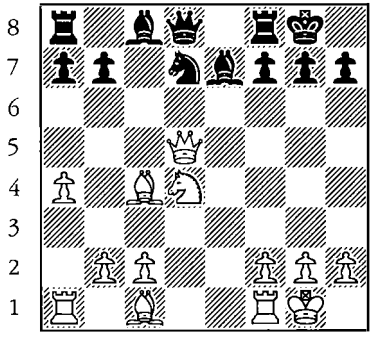

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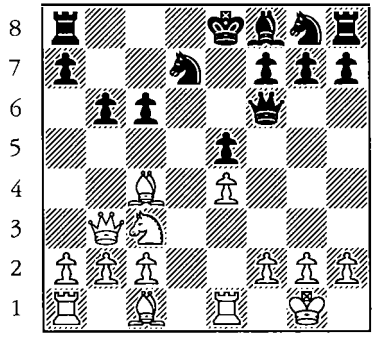

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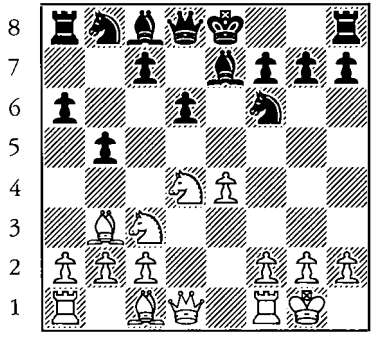
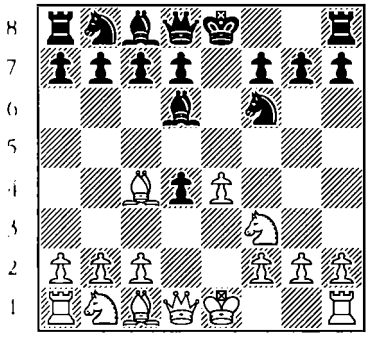


168

The opening variation 1. e4 e5 2. ♘f3 ♗d6

White to move. Find the best continuation.



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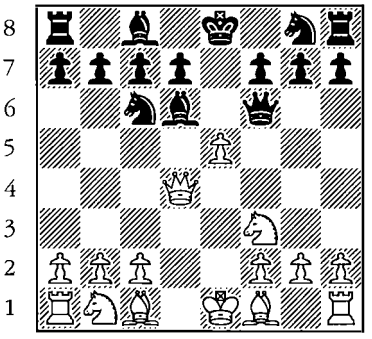

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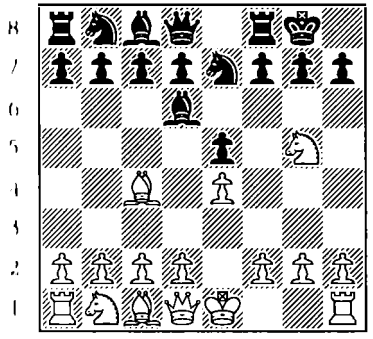

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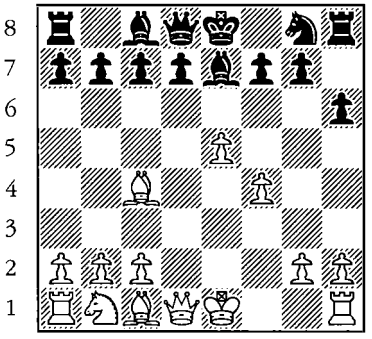

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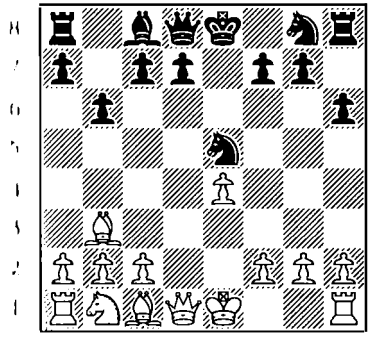

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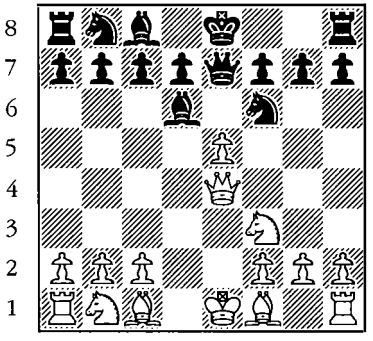
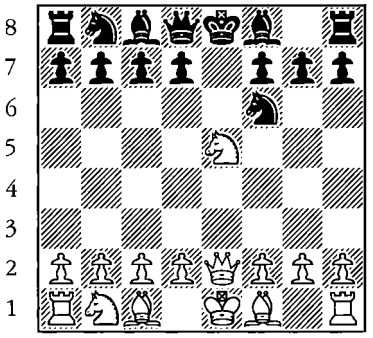


174

Petroff's Defense

1. e4 e5 2. ♘f3 ♘f6

White to move. Find the best continuation.



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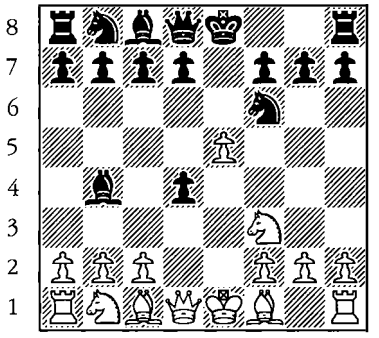

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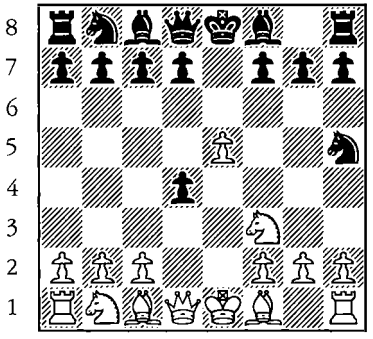

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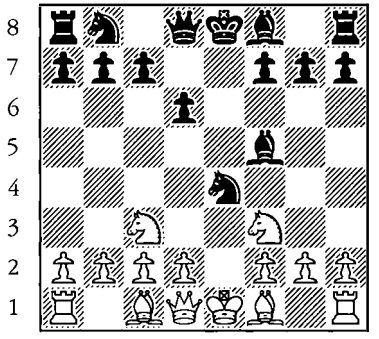

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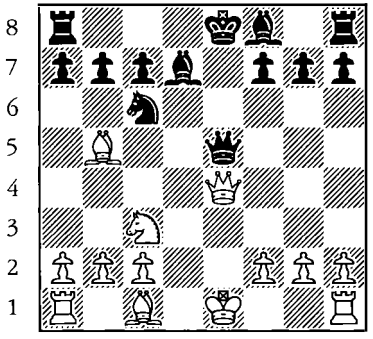

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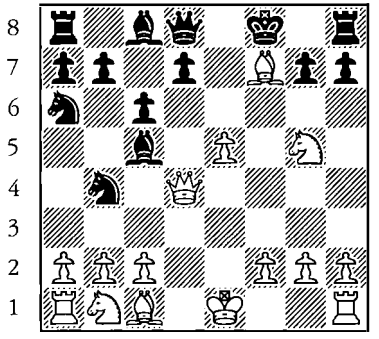
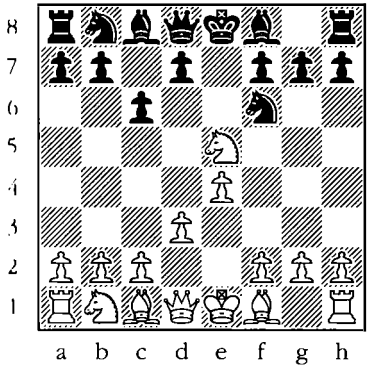


180

Petroff's Defense

1. e4 e5 2. ♘f3 ♘f6

Black to move. Find the best continuation.



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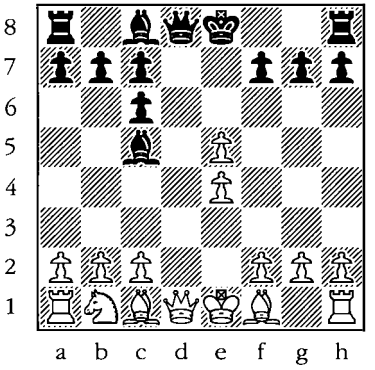

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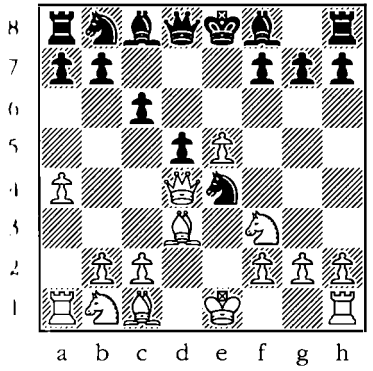

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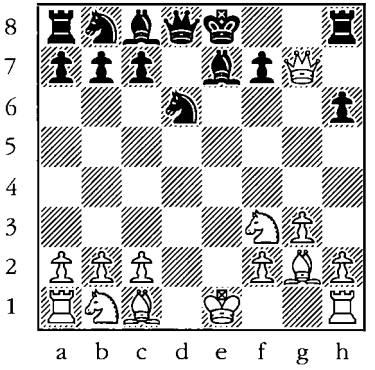

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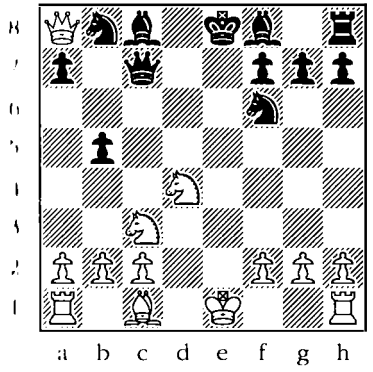

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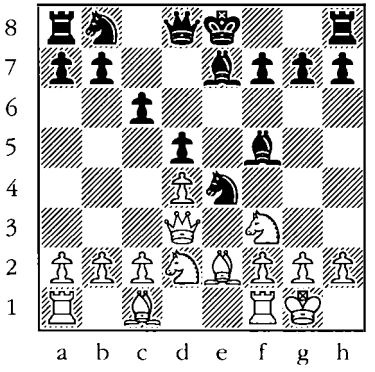
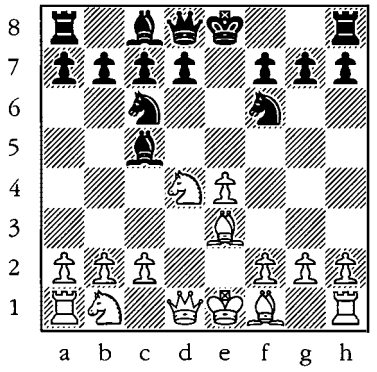


186

Scotch Game

1. e4 e5 2. ♘f3 ♘c6 3. d4

White to move. Find the best continuation.



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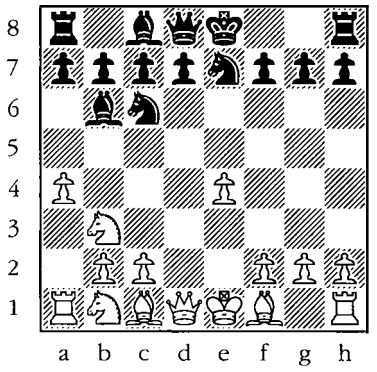

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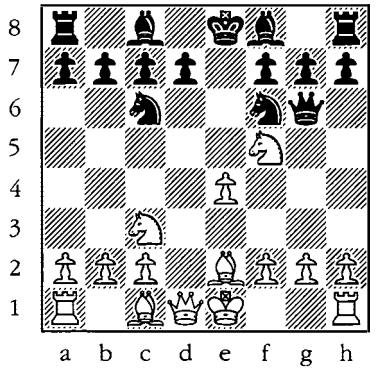

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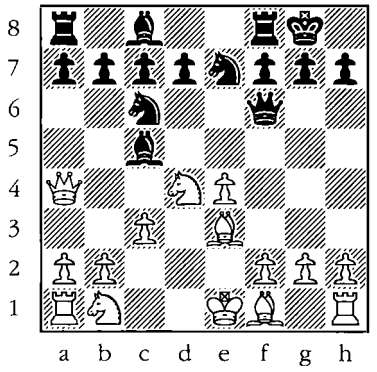

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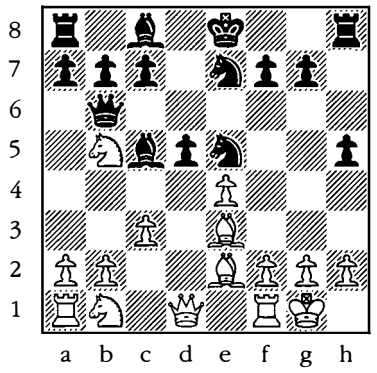

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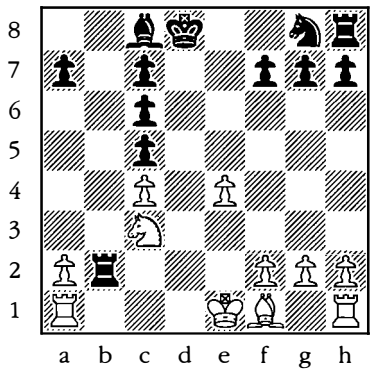
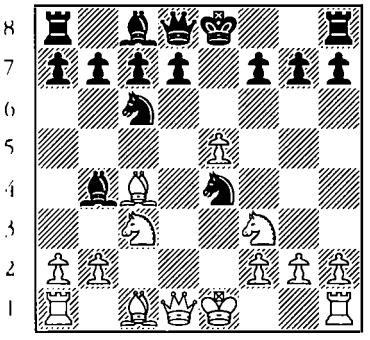


192

Göring Gambit

1. e4 e5 2. ♘f3 ♘c6 3. d4 cxd4 4. c3

White to move. Find the best continuation.



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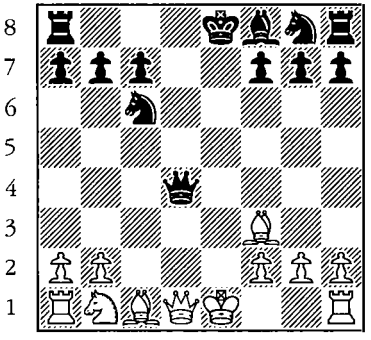

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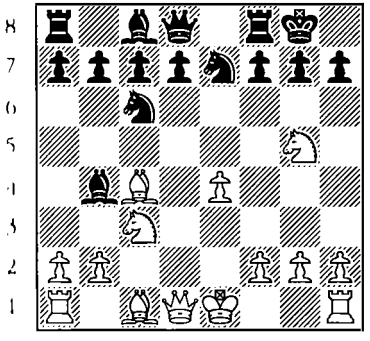

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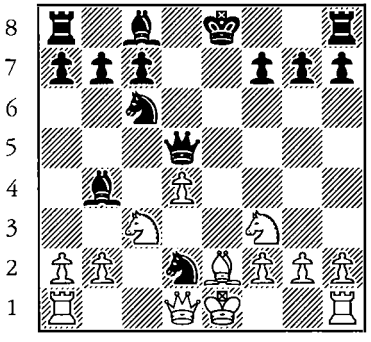

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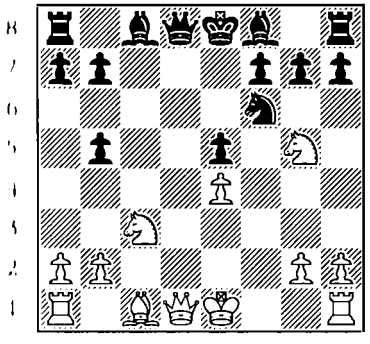

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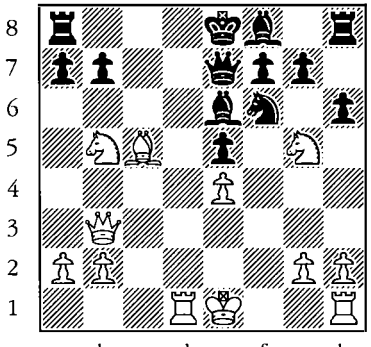
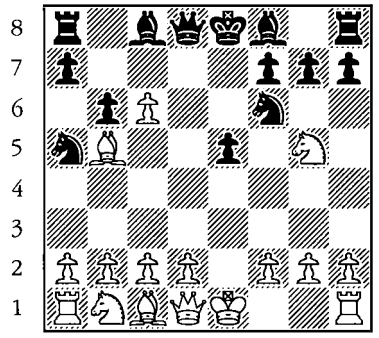


198

Two Knights' Defense

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♘f6

White to move. Find the best continuation.



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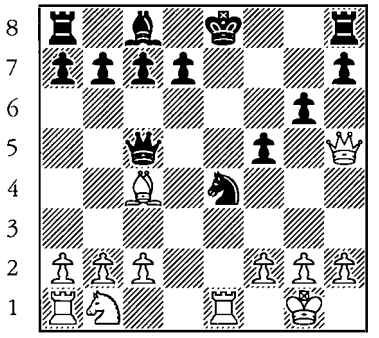

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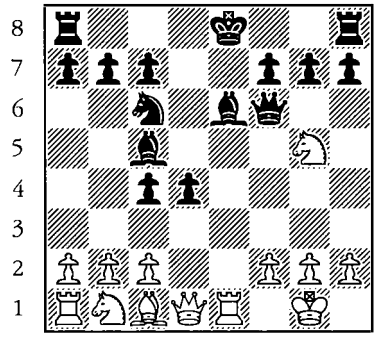

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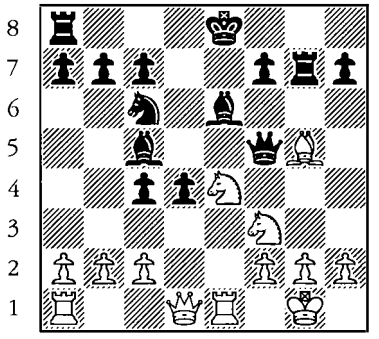

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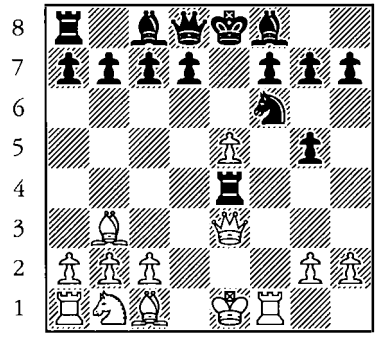

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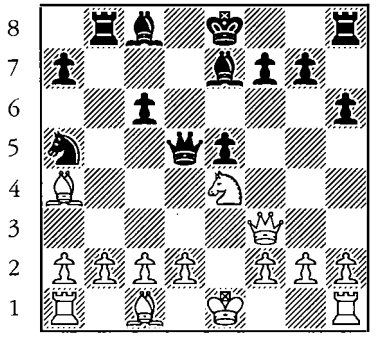
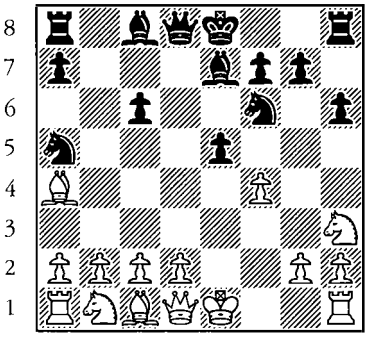


204

Two Knights' Defense

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♘f6

Black to move. Find the best continuation.



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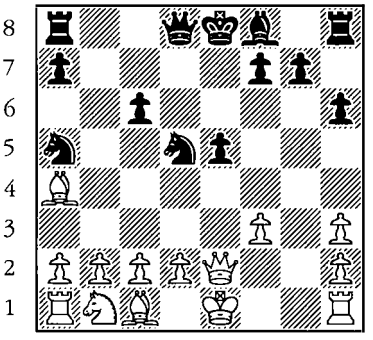

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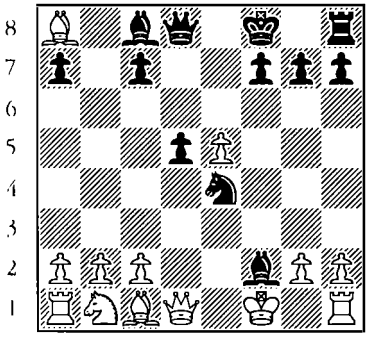

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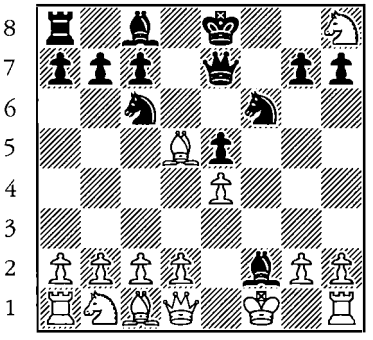

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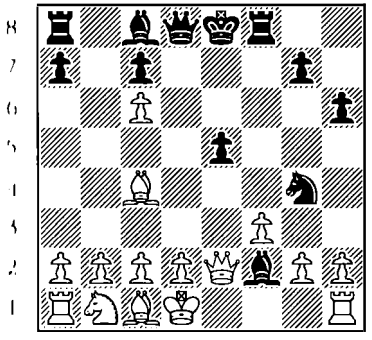

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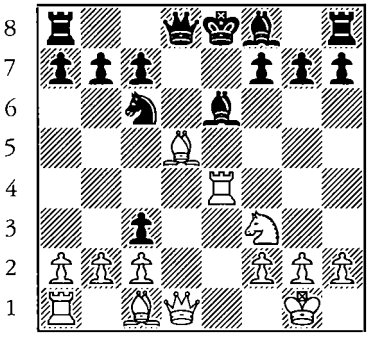
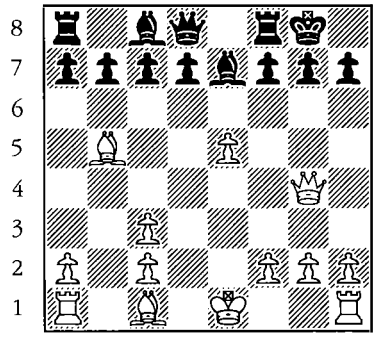


210

Four Knights' Game

1. e4 e5 2. ♘f3 ♘c6 3. ♘c3 ♘f6

White to move. Find the best continuation.



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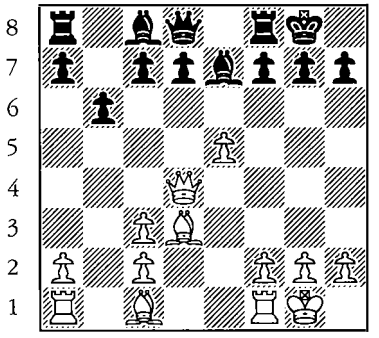

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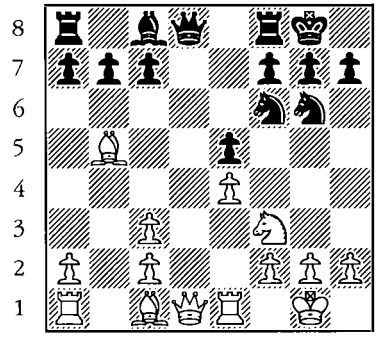

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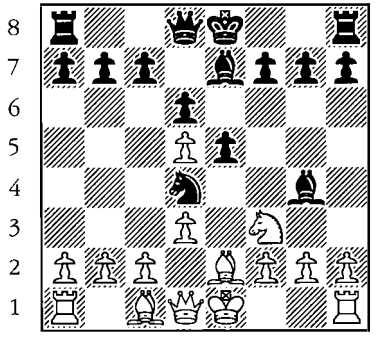

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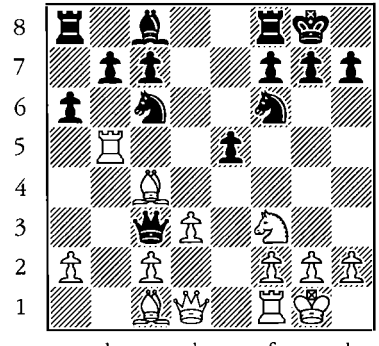

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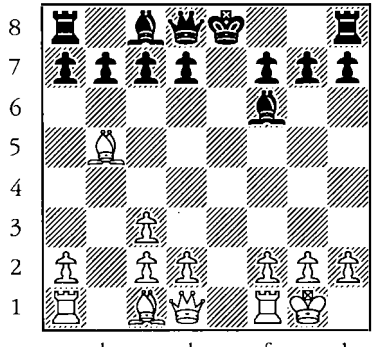
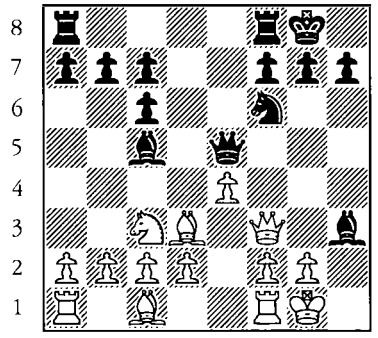


216

Four Knights' Game

1. e4 e5 2. ♘f3 ♘c6 3. ♘c3 ♘f6

Black to move. Find the best continuation.



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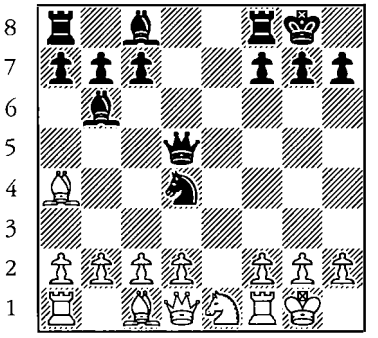

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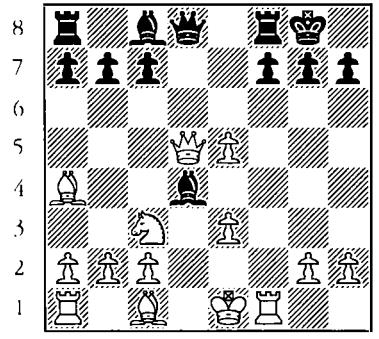

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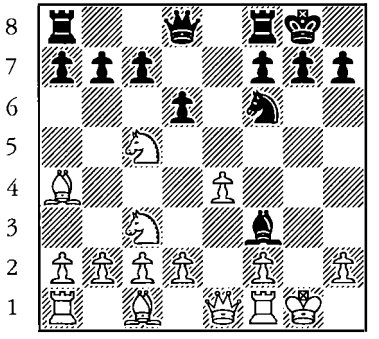

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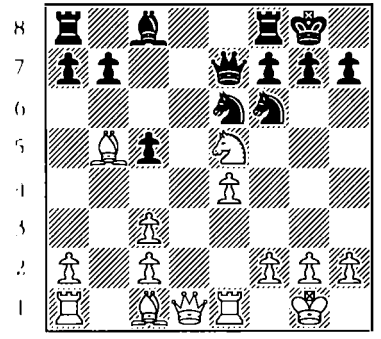

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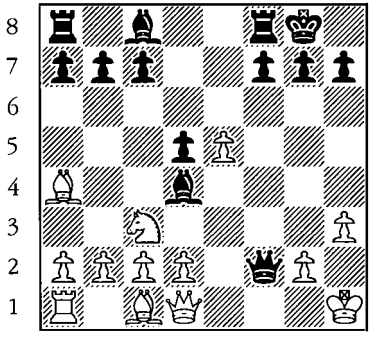
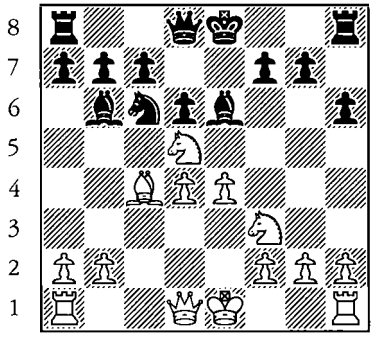


222

Giuoco Piano

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♗c5

White to move. Find the best continuation.



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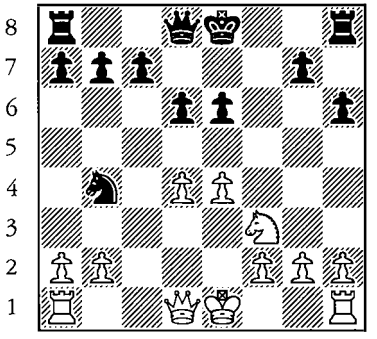

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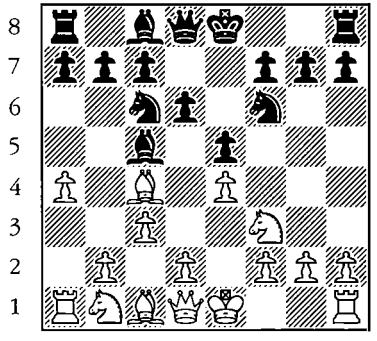

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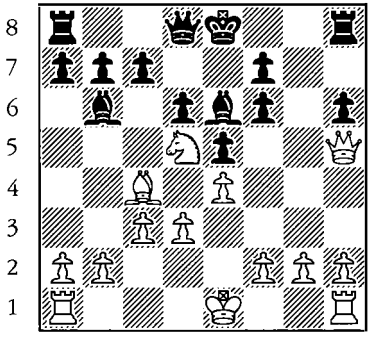

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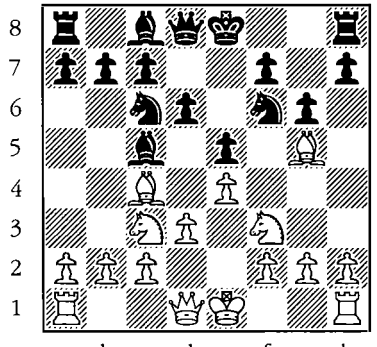

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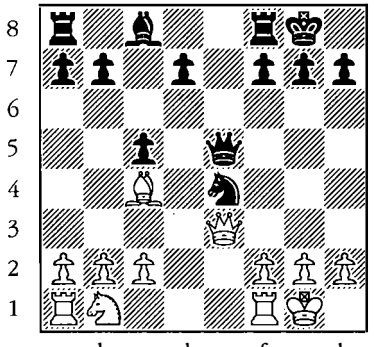
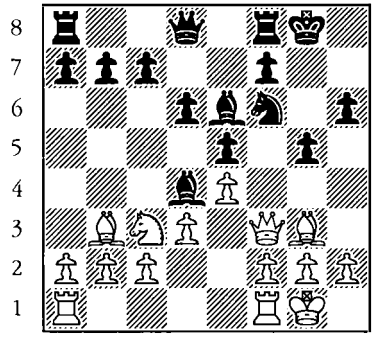


228

Giuoco Piano

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♗c5

Black to move. Find the best continuation.



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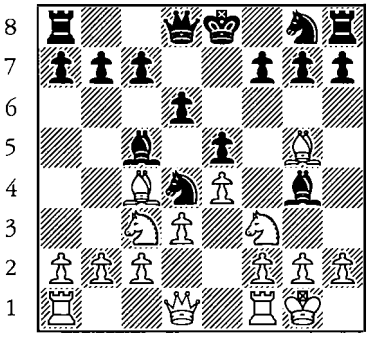

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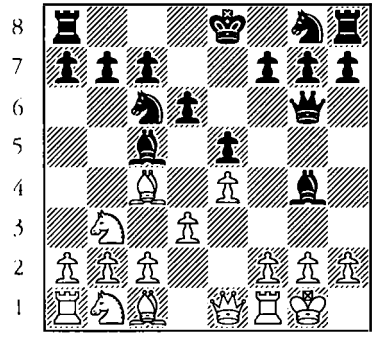

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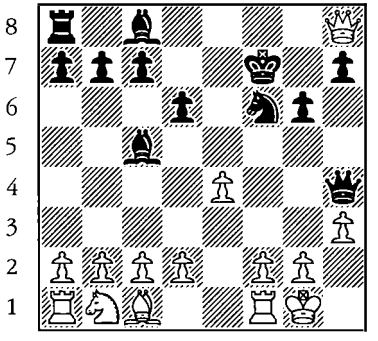

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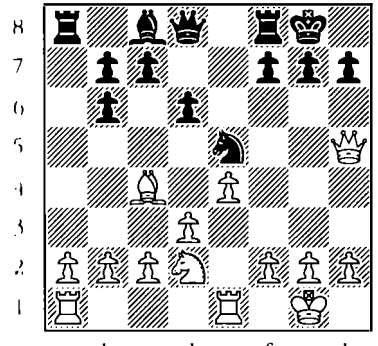

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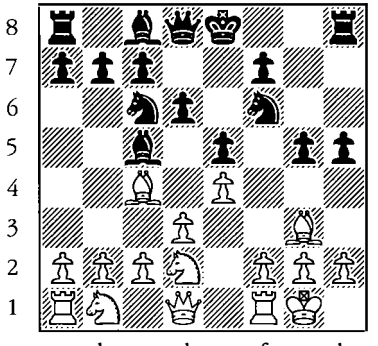
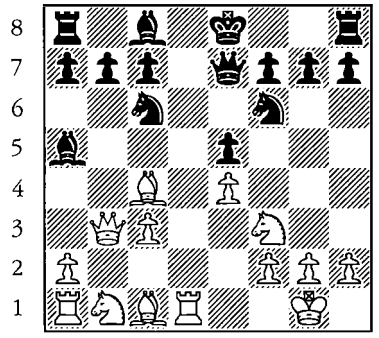


234

Evans Gambit

1. e4 e5 2. ♘f3 ♘c6 3. ♗c4 ♗c5 4. b4

White to move. Find the best continuation.



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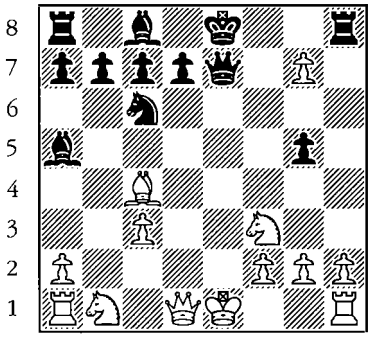

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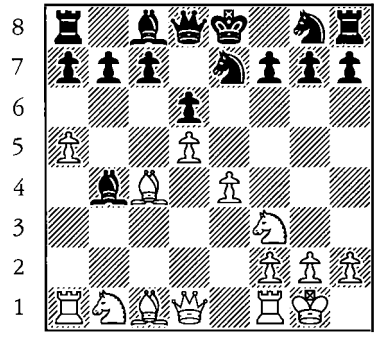

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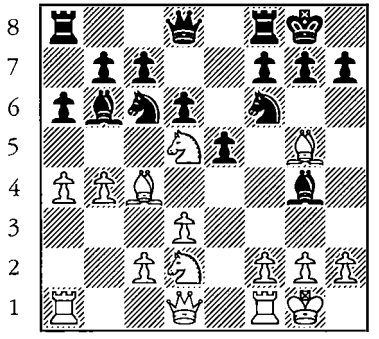

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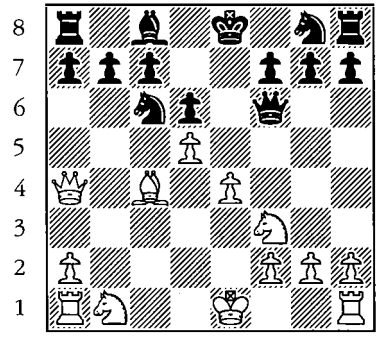

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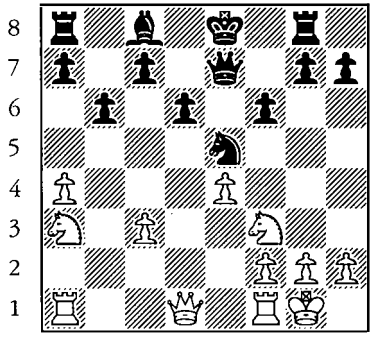
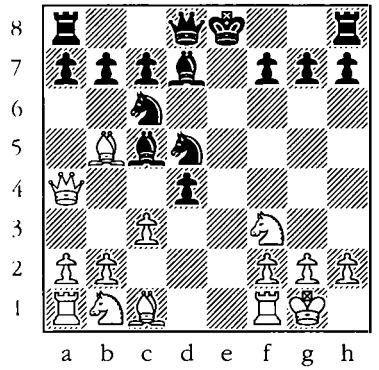


240

Ruy López

1. e4 e5 2. ♘f3 ♘c6 3. ♗b5

White to move. Find the best continuation.



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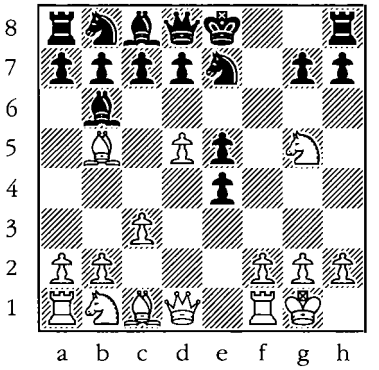

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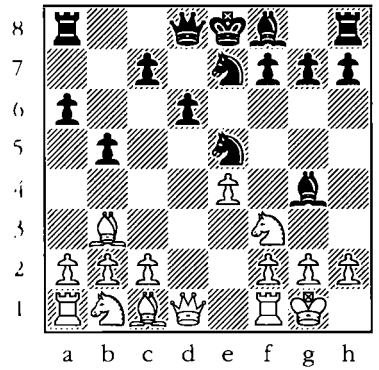

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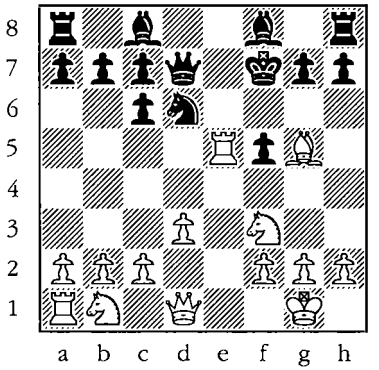

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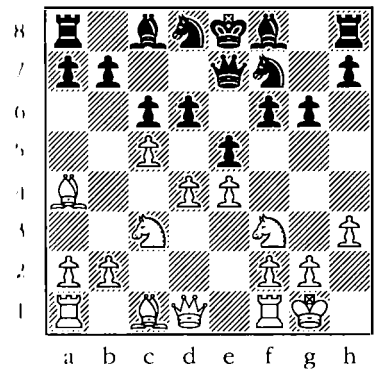

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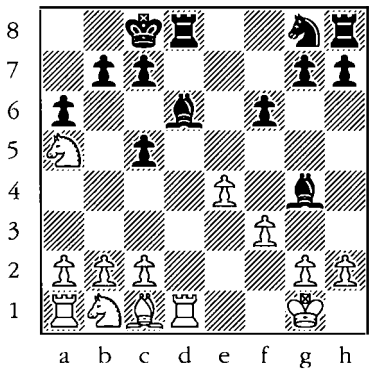
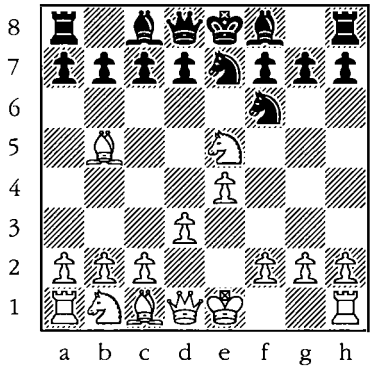


246

Ruy López

1. e4 e5 2. ♘f3 ♘c6 3. ♗b5

Black to move. Find the best continuation.



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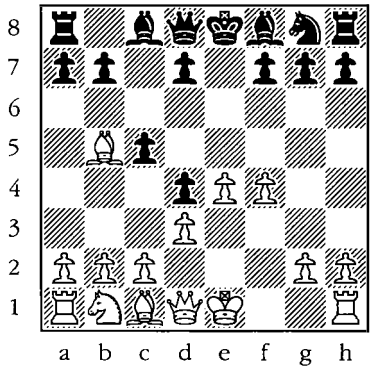

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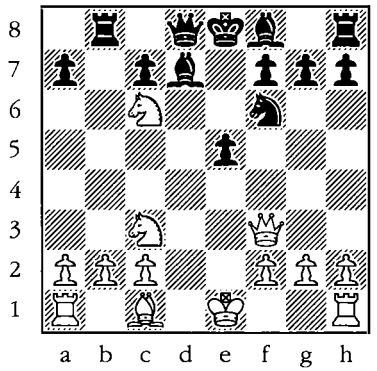

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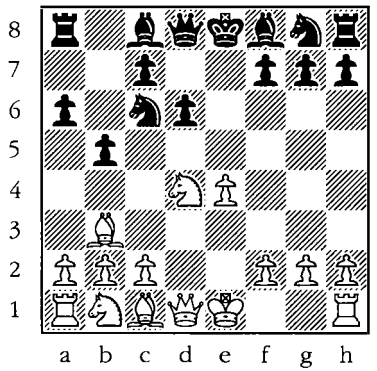

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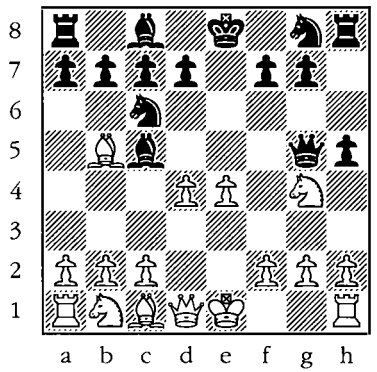

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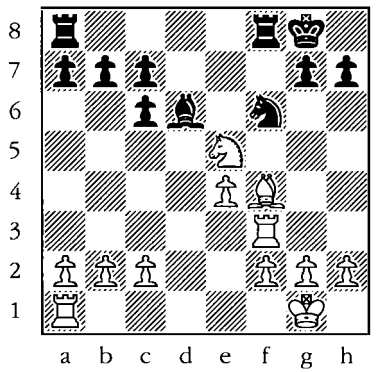
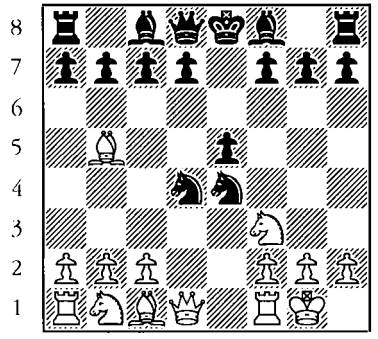


252

Ruy López

1. e4 e5 2. ♘f3 ♘c6 3. ♗b5

White to move. Find the best continuation.



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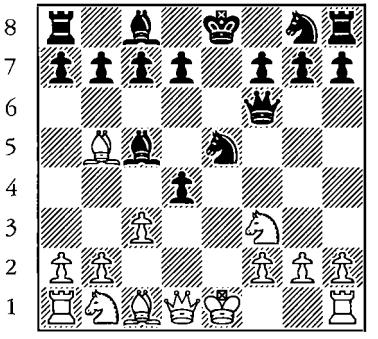

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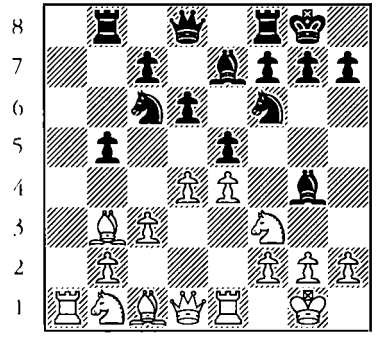

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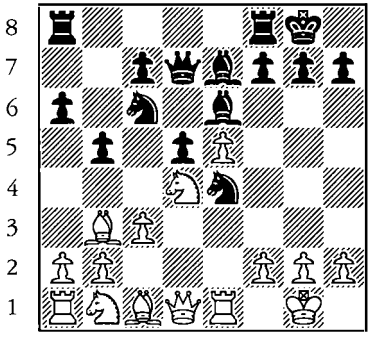

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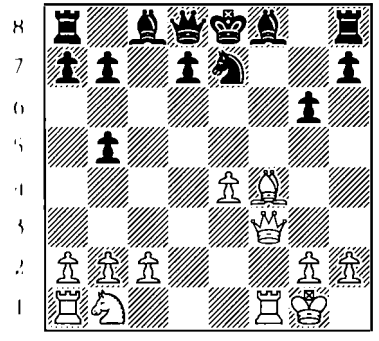

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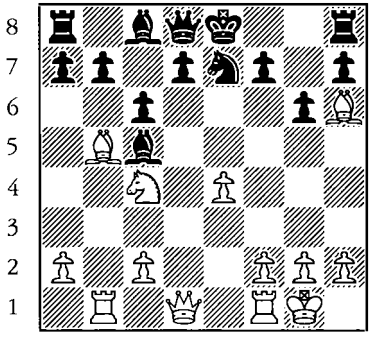
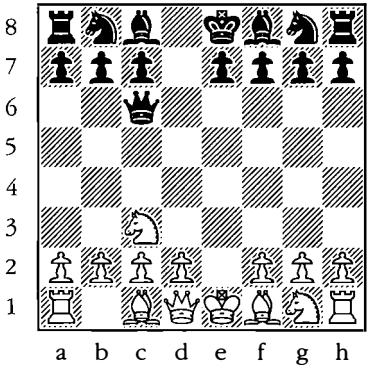


258

Winning Material in the Semi-Open Games

Scandinavian Defense 1. e4 d5

White to move. Find the best continuation.



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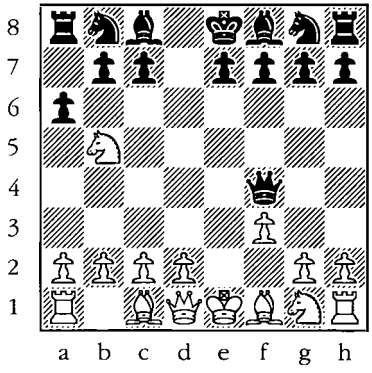

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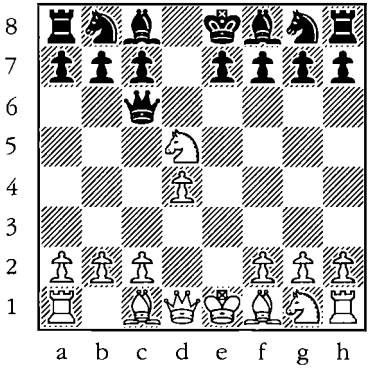

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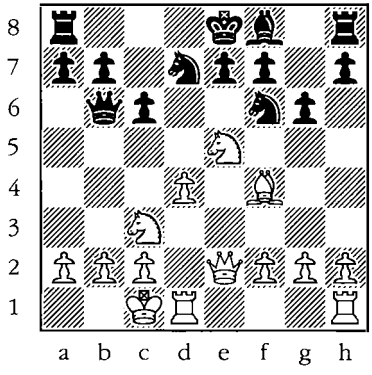

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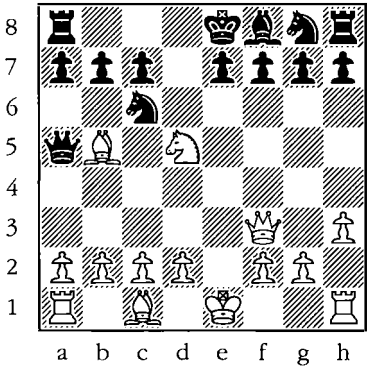

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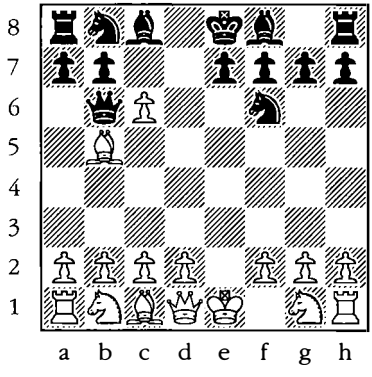
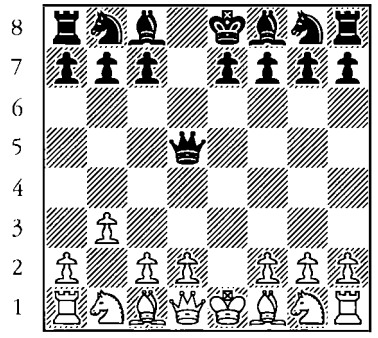


264

Scandinavian Defense

1. e4 d5

Black to move. Find the best continuation.



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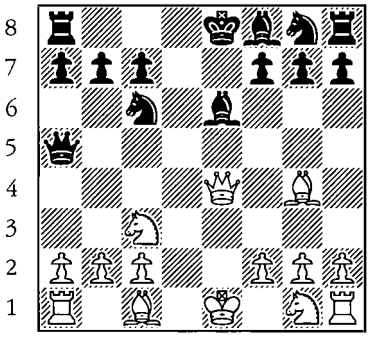

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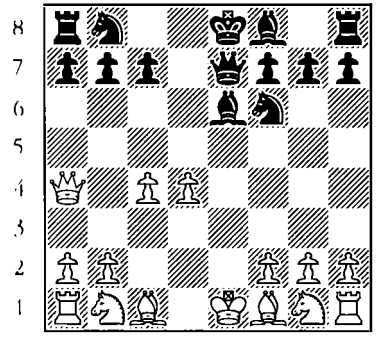

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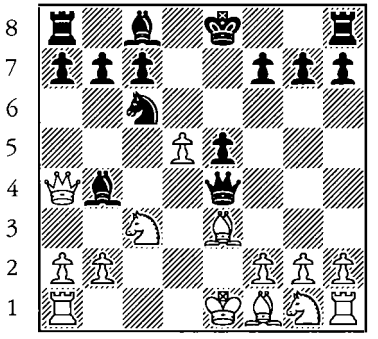

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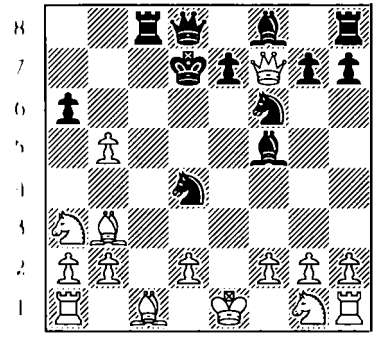

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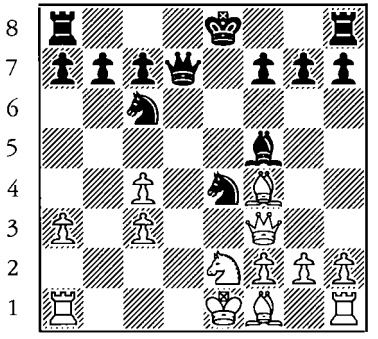
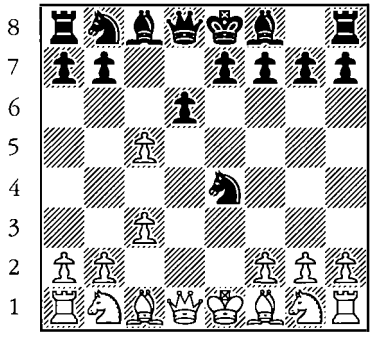


270

Sicilian Defense

1. e4 c5

White to move. Find the best continuation.



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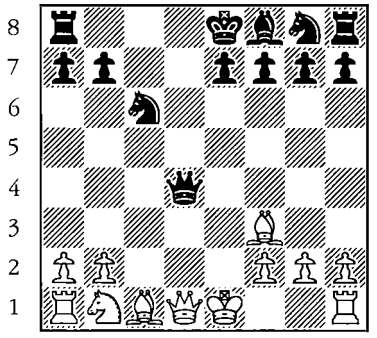

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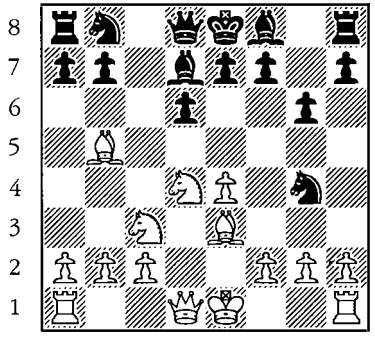

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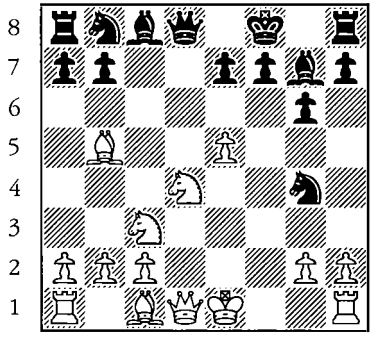

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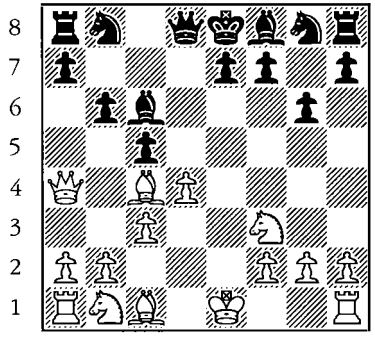

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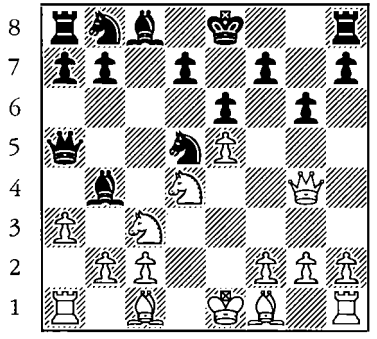
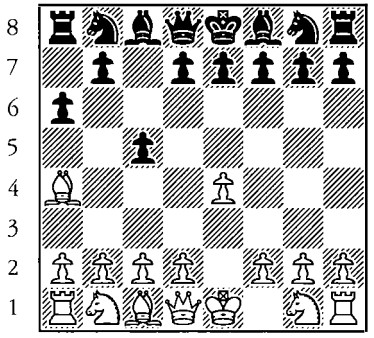


276

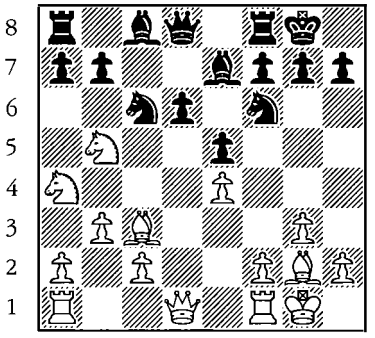
Sicilian Defense

1. e4 c5

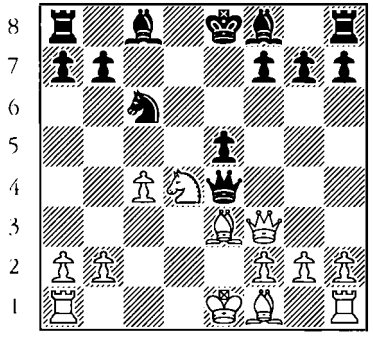
Black to move. Find the best continuation.



277



278



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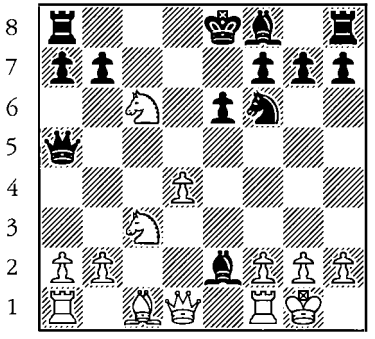

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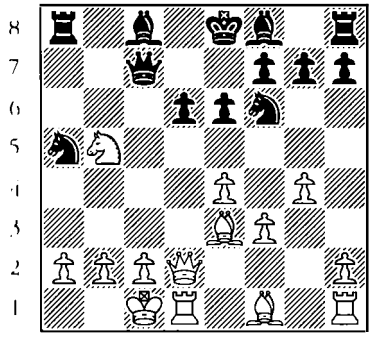
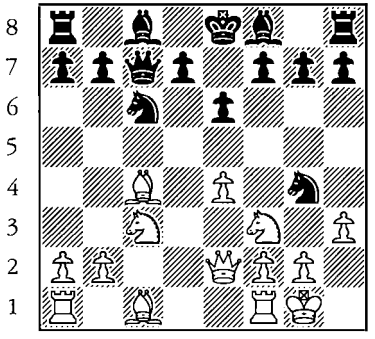


281

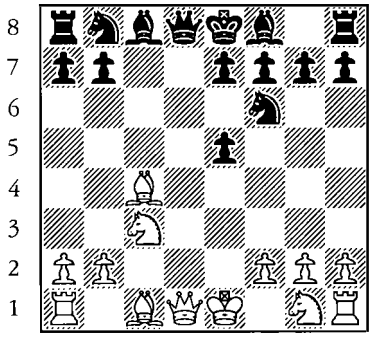


282

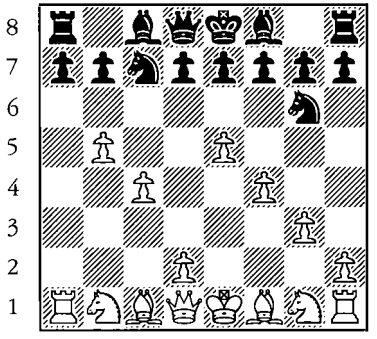
Sicilian Defense

1. e4 c5

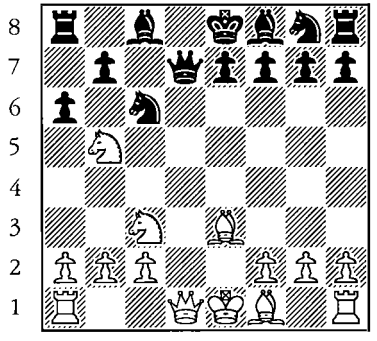
White to move. Find the best continuation.



283



284



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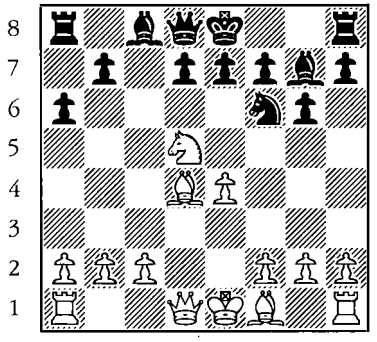

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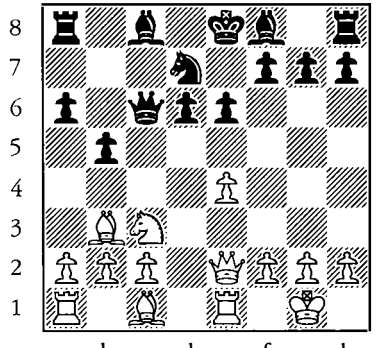

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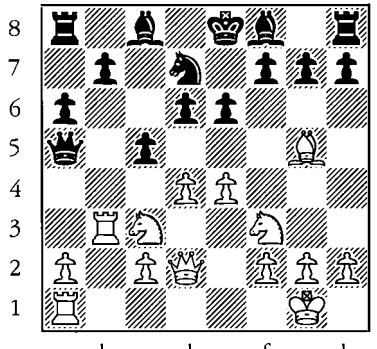
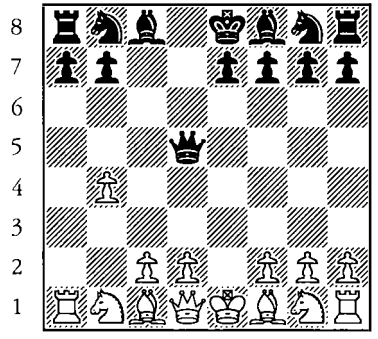


288

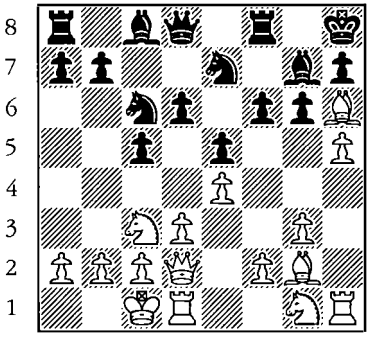
Sicilian Defense

1. e4 c5

Black to move. Find the best continuation.



289



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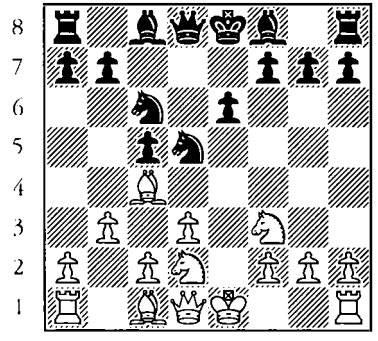

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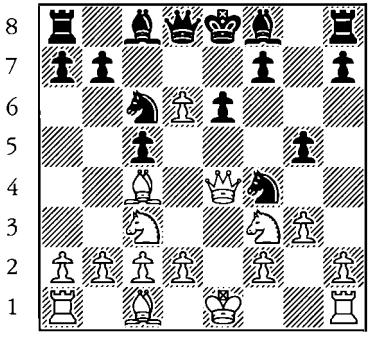

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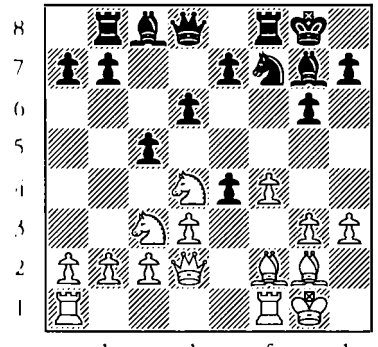

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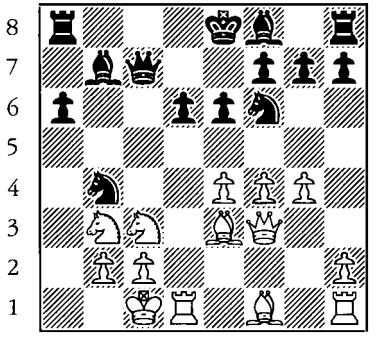
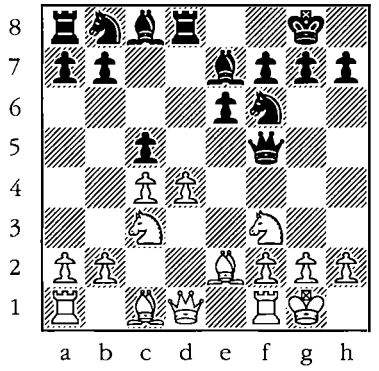


294

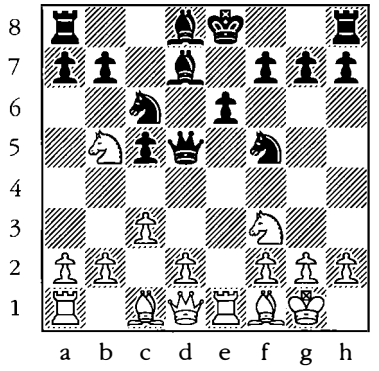
Sicilian Defense

1. e4 c5

White to move. Find the best continuation.



295



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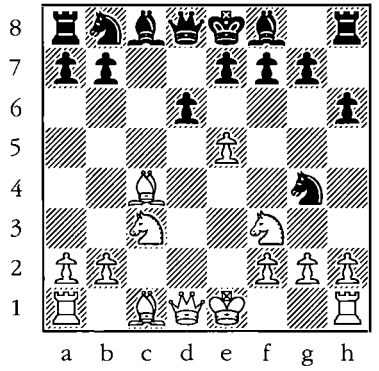
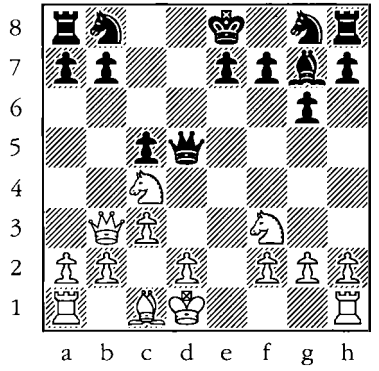


297



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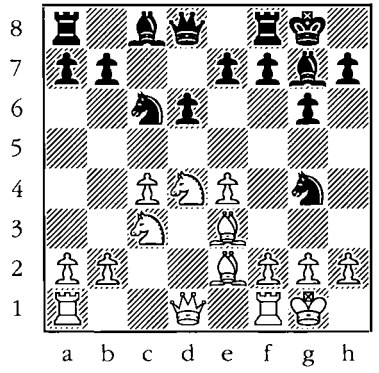

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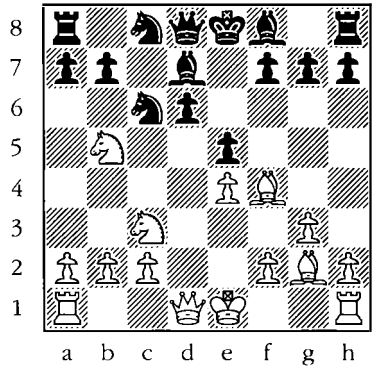
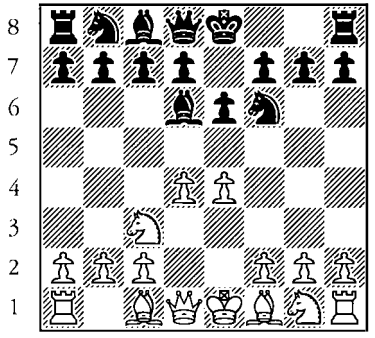


300

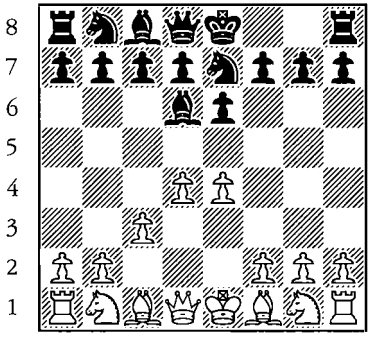
French Defense

1. e4 e6

White to move. Find the best continuation.



301



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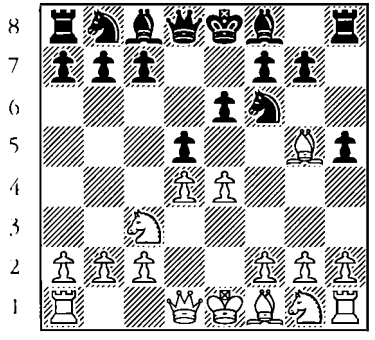
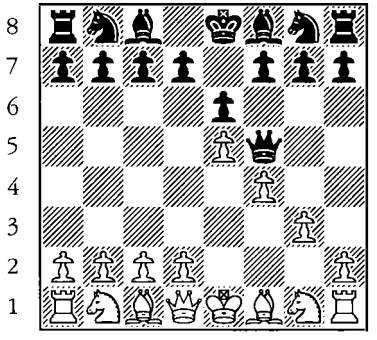


303



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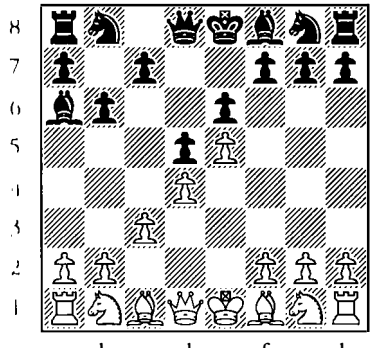
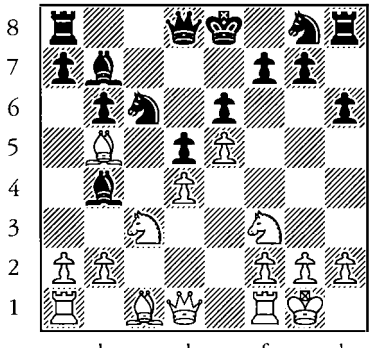


305

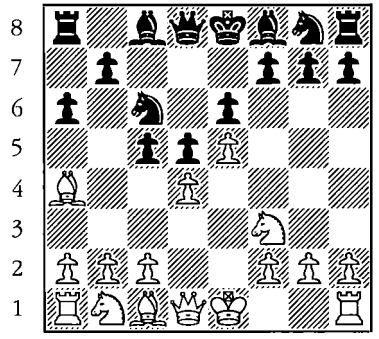


306

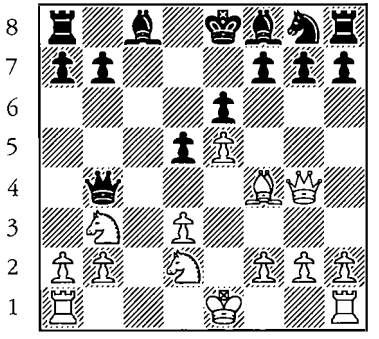
French Defense

1. e4 e6

Black to move. Find the best continuation.



307



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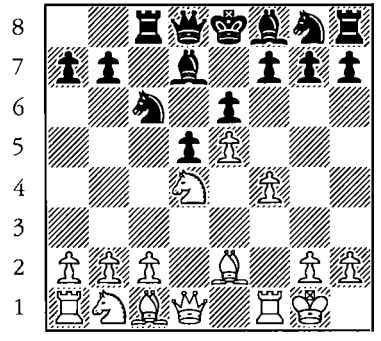

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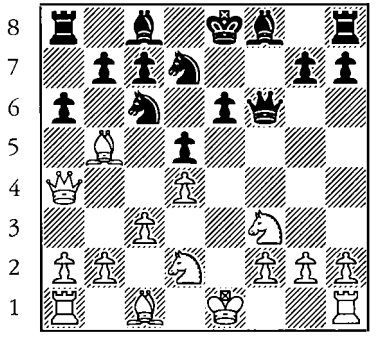

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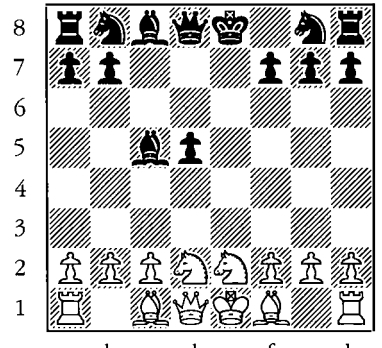
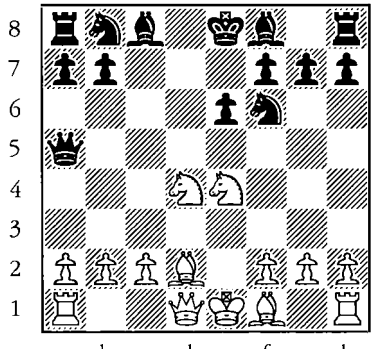


311

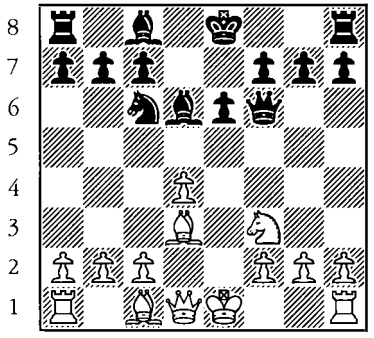


312

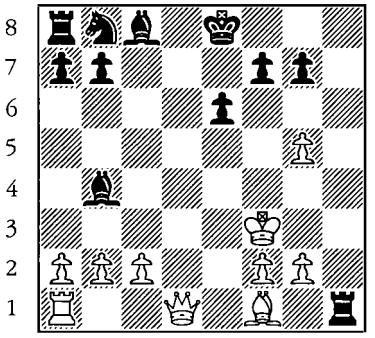
French Defense

1. e4 e6

White to move. Find the best continuation.



313



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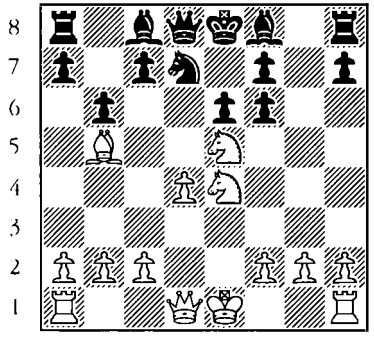

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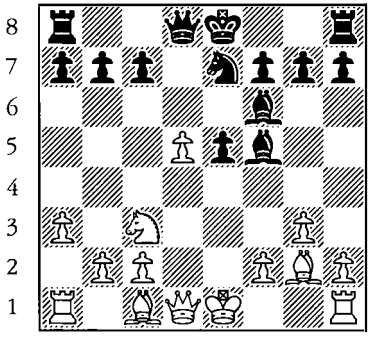
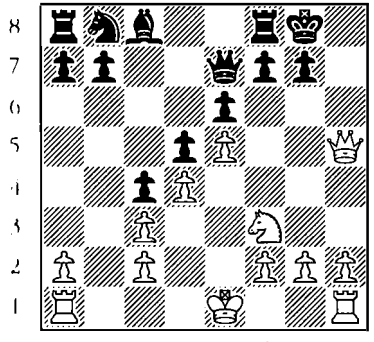
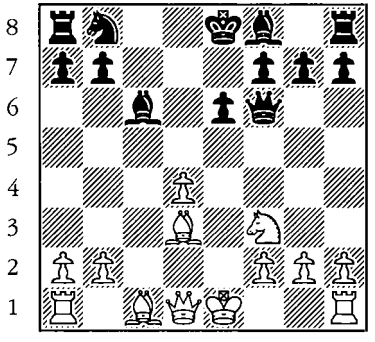


316



317

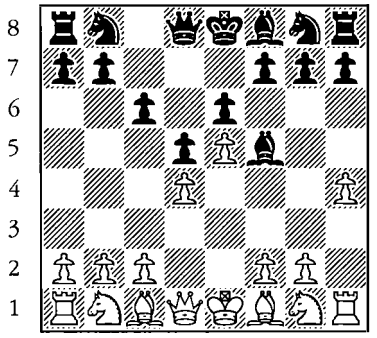


318

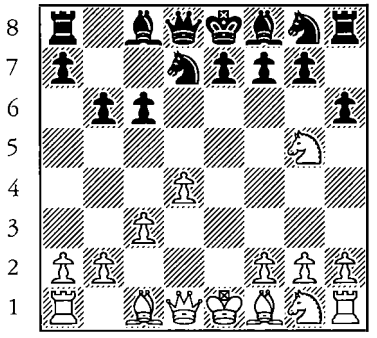
Caro-Kann Defense

1. e4 c6

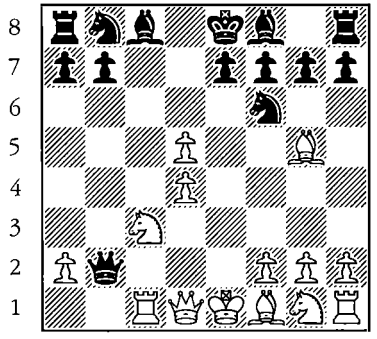
White to move. Find the best continuation.



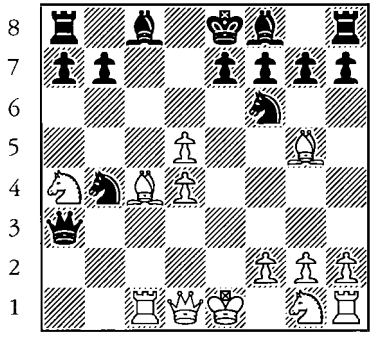
319



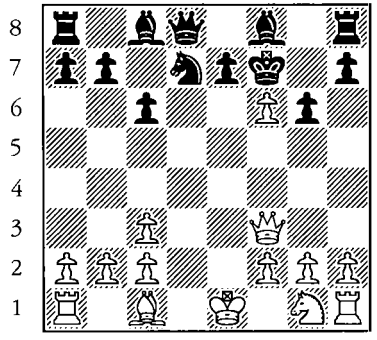
320



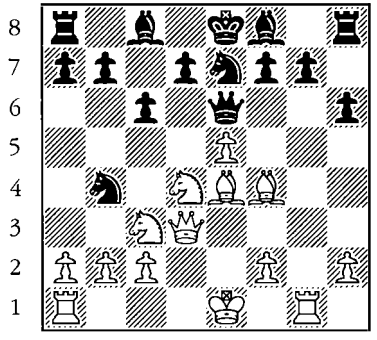
321



322



323

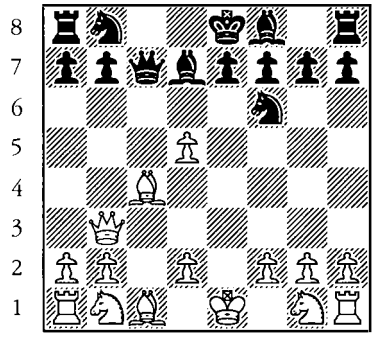


324

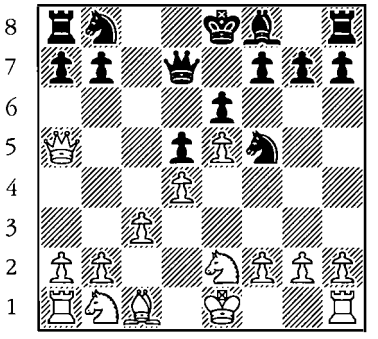
Caro-Kann Defense

1. e4 c6

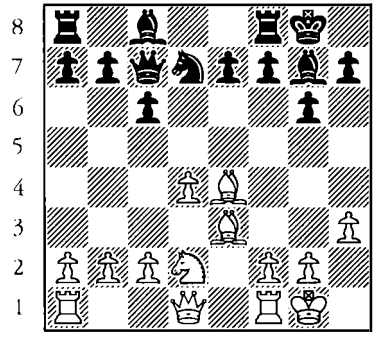
Black to move. Find the best continuation.



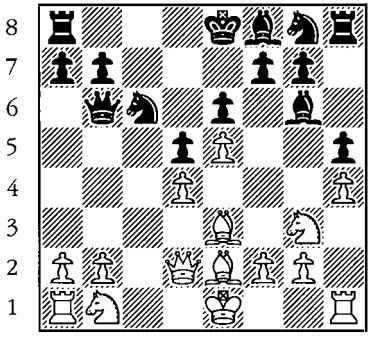
325



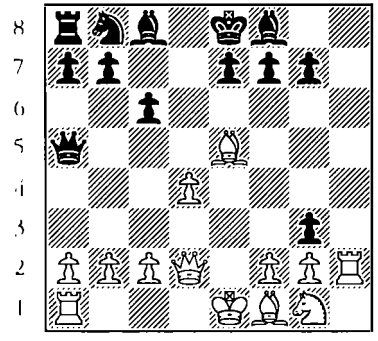
326



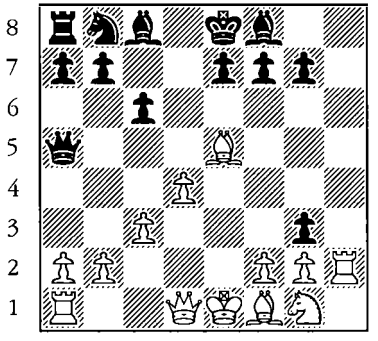
327



328



329

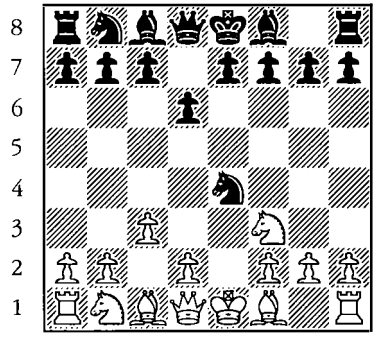


330

Pirc Defense

1. e4 d6

White to move. Find the best continuation.



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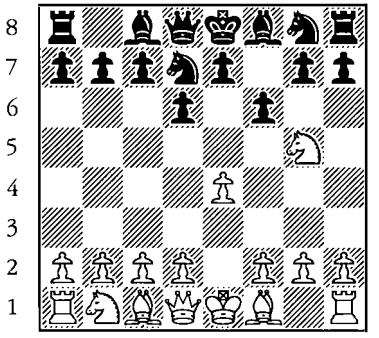

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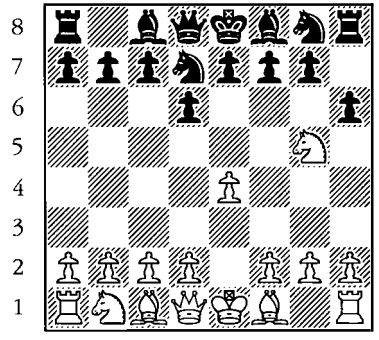

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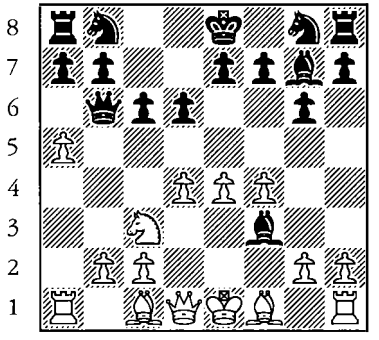

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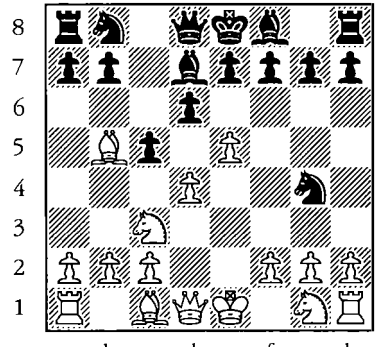

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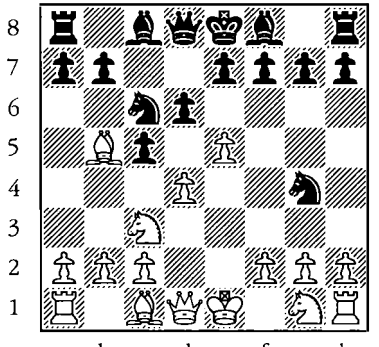
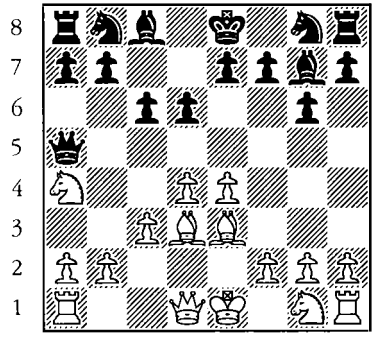


336

Pirc Defense

1. e4 d6

Black to move. Find the best continuation.



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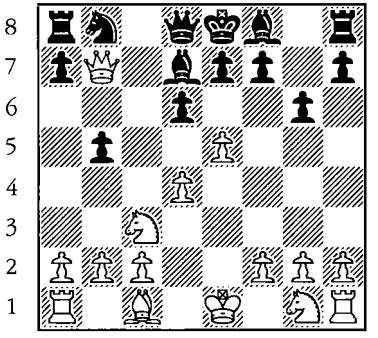

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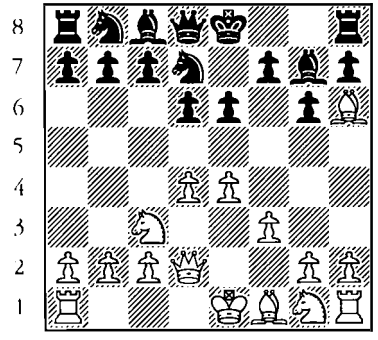

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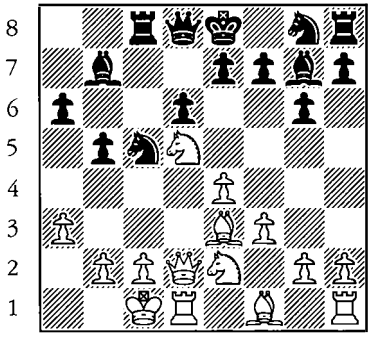

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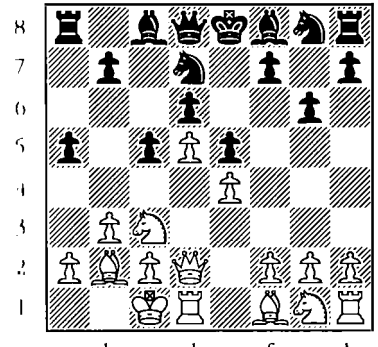

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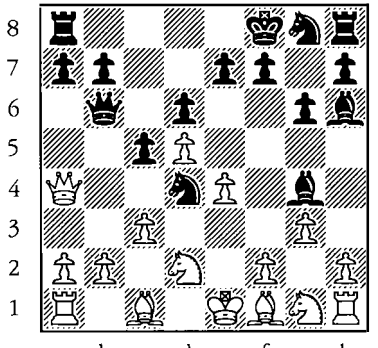
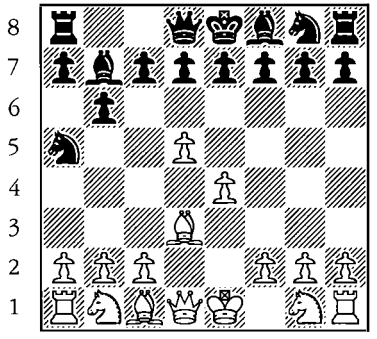


342

Owen's Defense

1. e4 b6

White to move. Find the best continuation.



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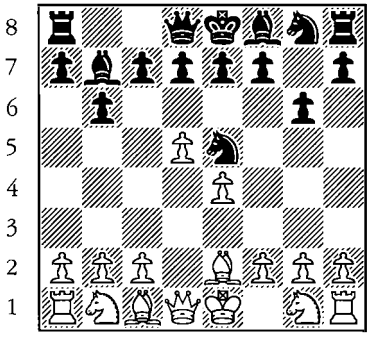

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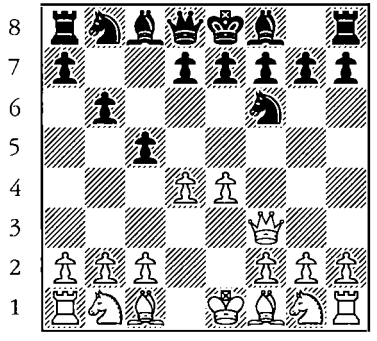

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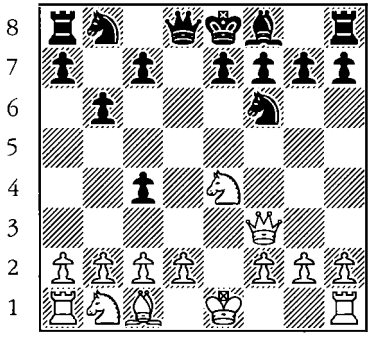

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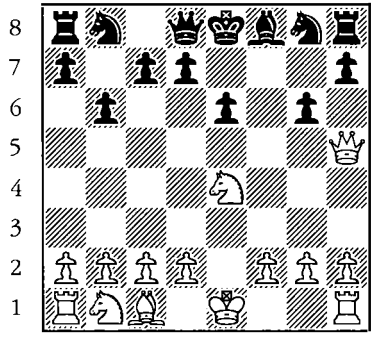

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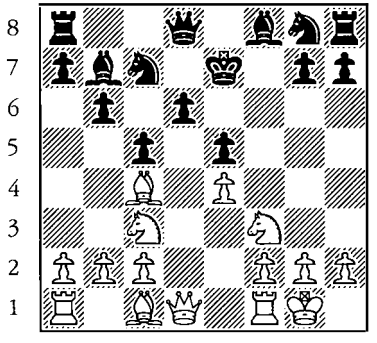
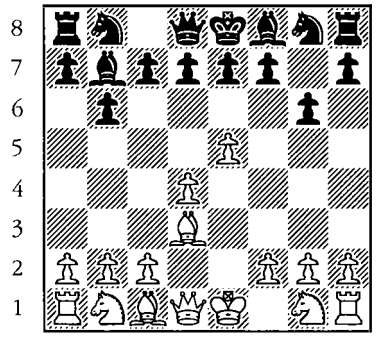


348

Owen's Defense

1. e4 b6

Black to move. Find the best continuation.



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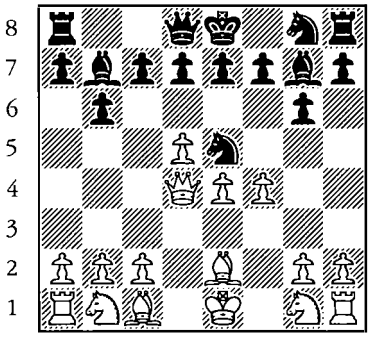

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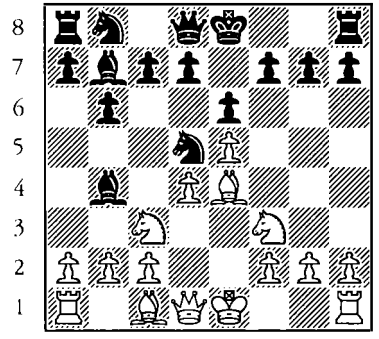

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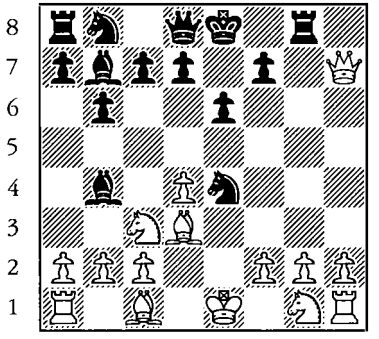

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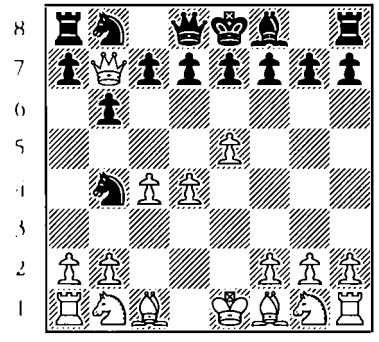

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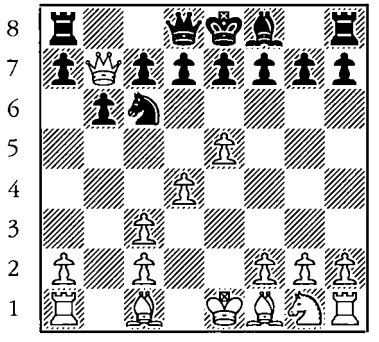
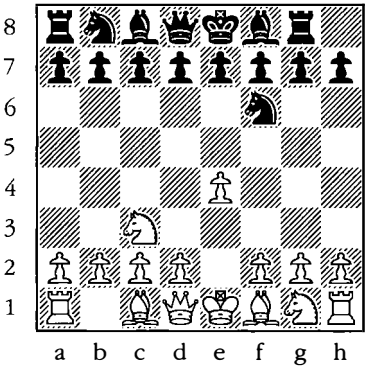


354

Alekhine's Defense

1. e4 ♘f6

White to move. Find the best continuation.



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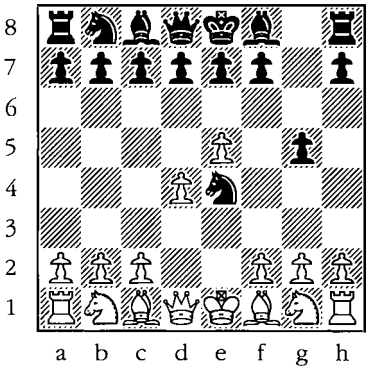

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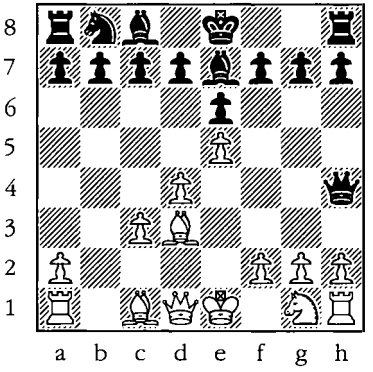

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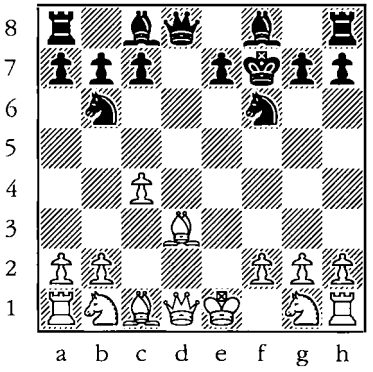

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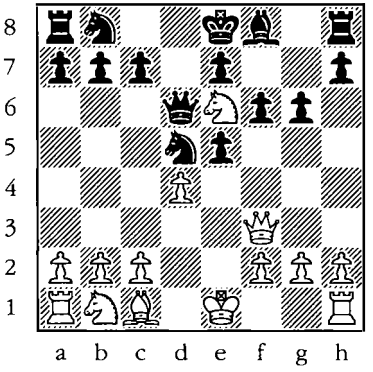

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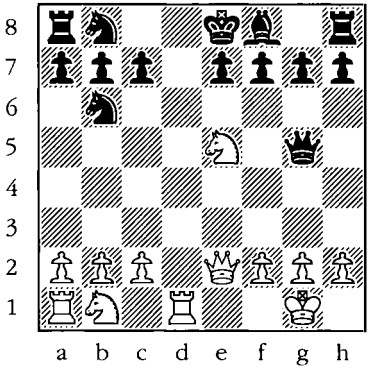
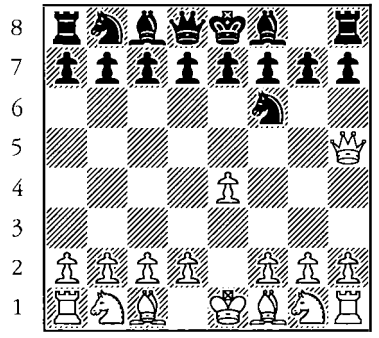


360

Alekhine's Defense

1. e4 ♘f6

Black to move. Find the best continuation.



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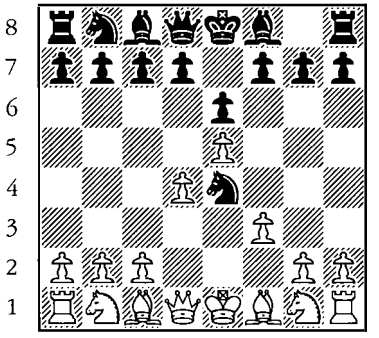

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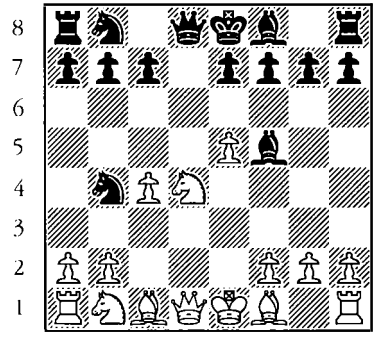

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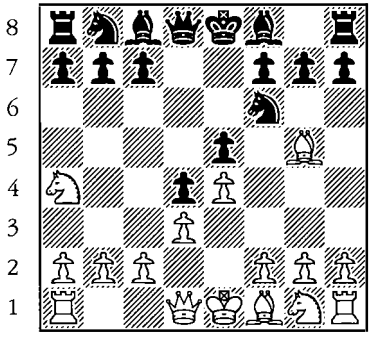

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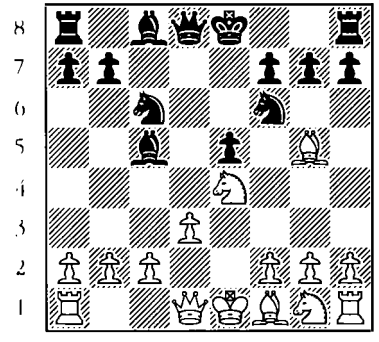

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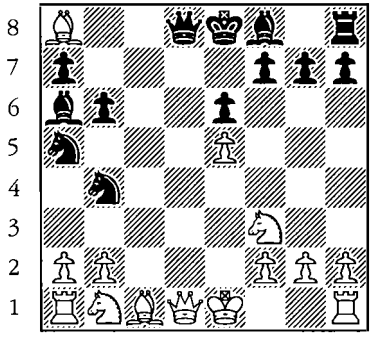
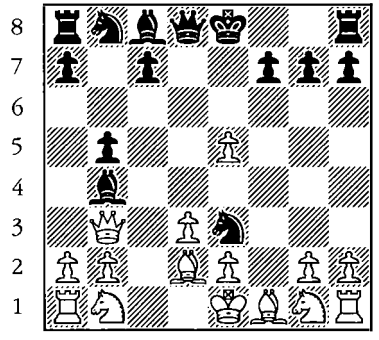


366

Winning Material in the Closed Games

Bird's Opening 1. f4

Black to move. Find the best continuation.



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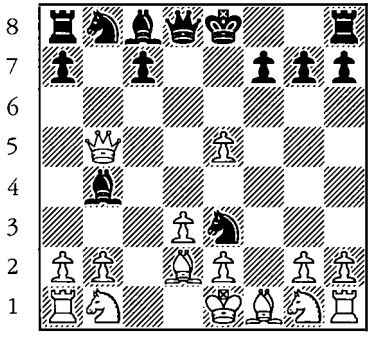

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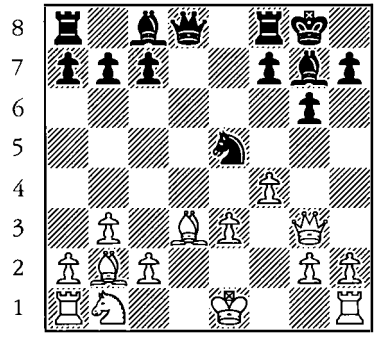

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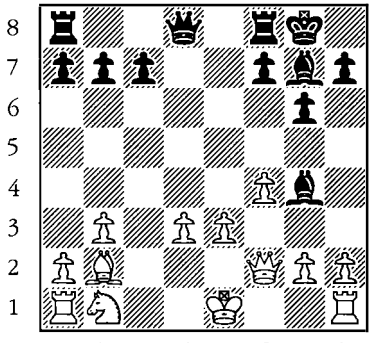

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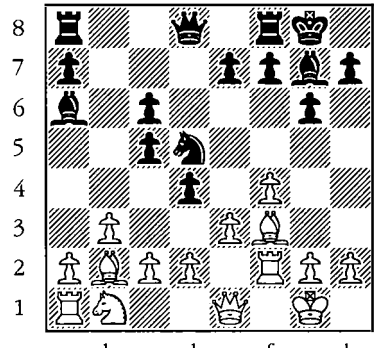

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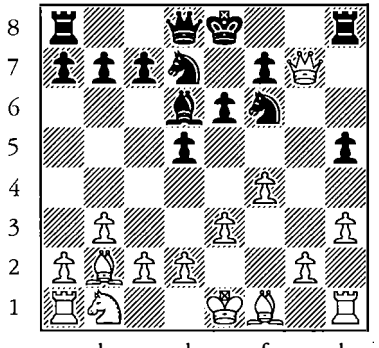
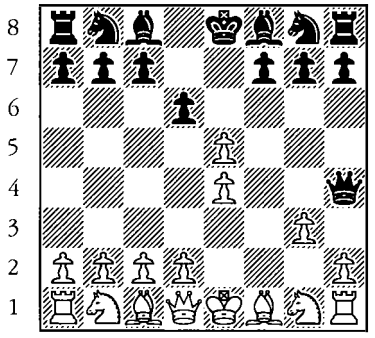


372

From's Gambit

1. f4 e5

Black to move. Find the best continuation.



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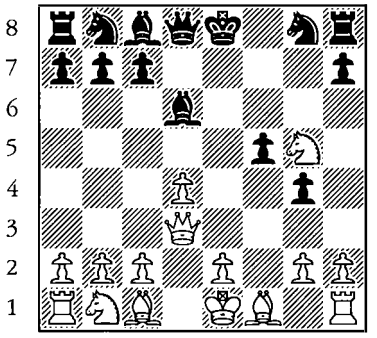

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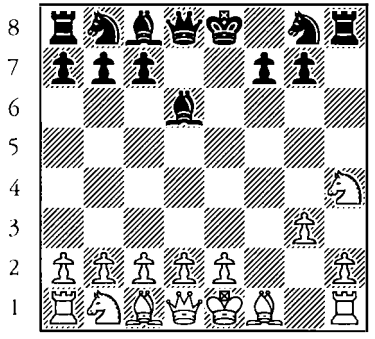

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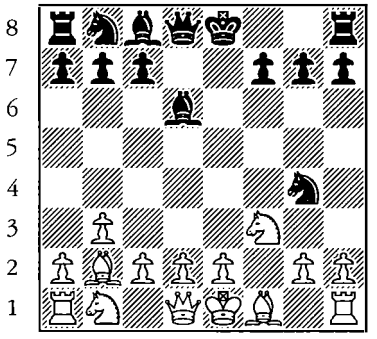

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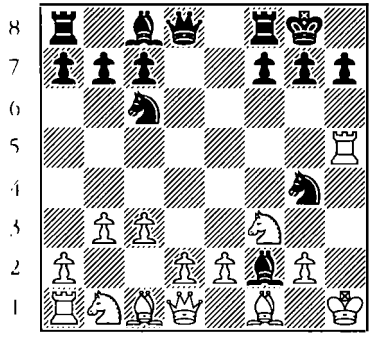

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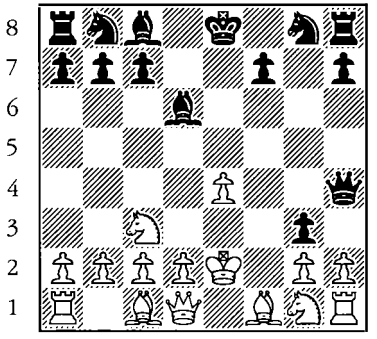
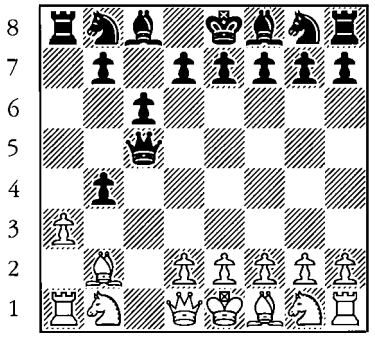


378

Orangutan Opening

1. b4

White to move. Find the best continuation.



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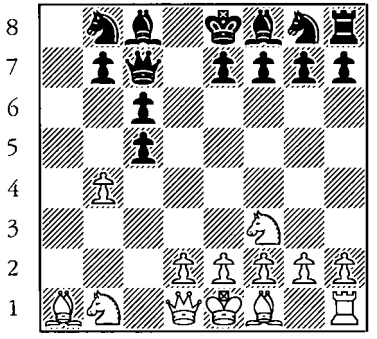

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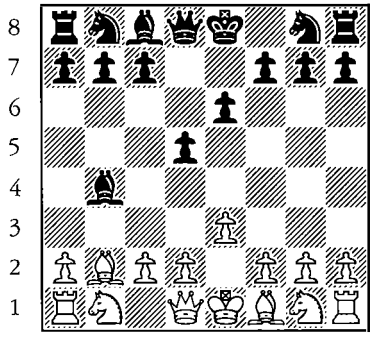

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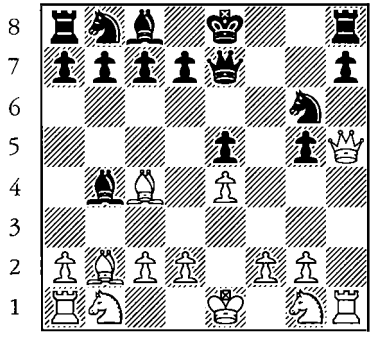

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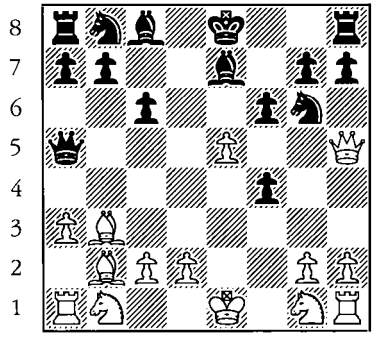

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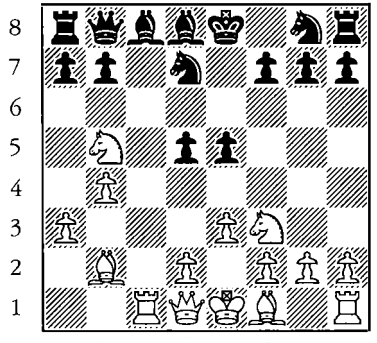
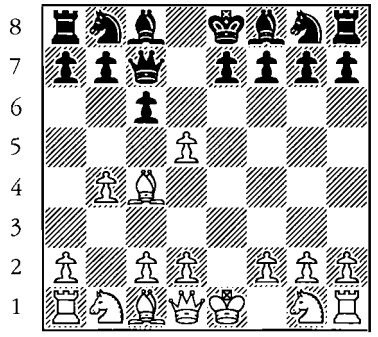


384

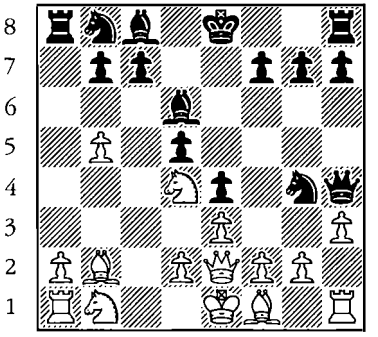
Orangutan Opening

1. b4

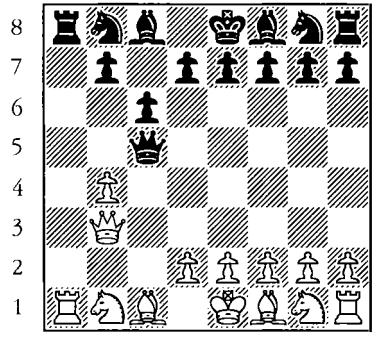
Black to move. Find the best continuation.



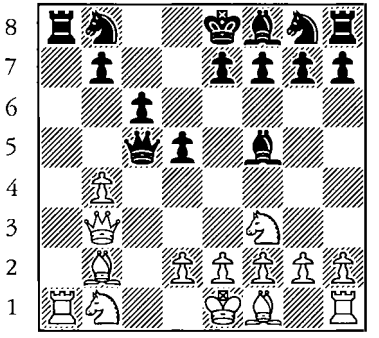
385



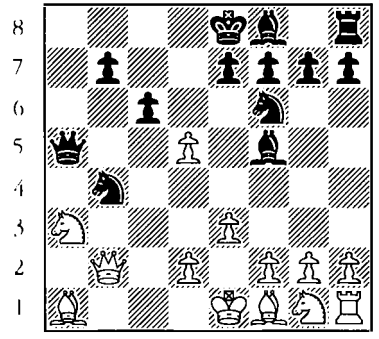
386



387



388



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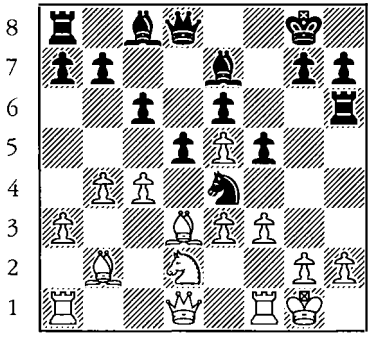
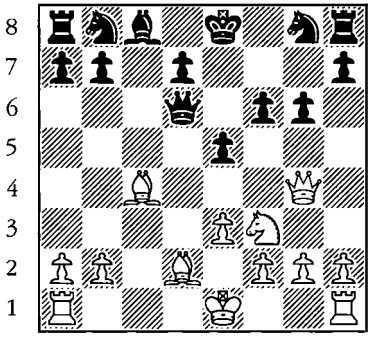


390

English Opening

1. c4

White to move. Find the best continuation.



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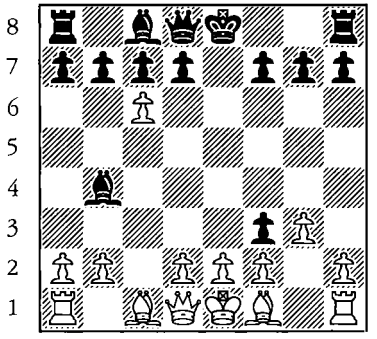
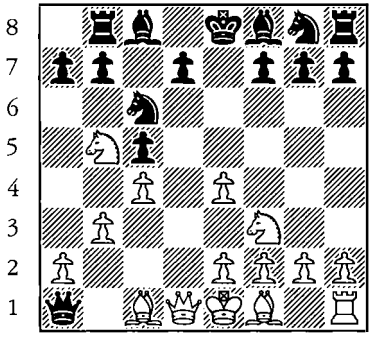
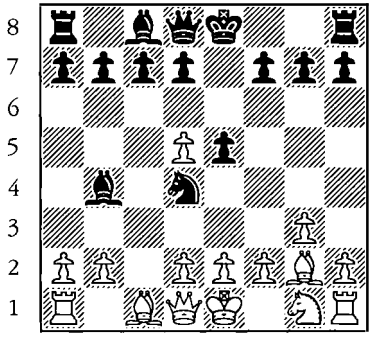


392



393



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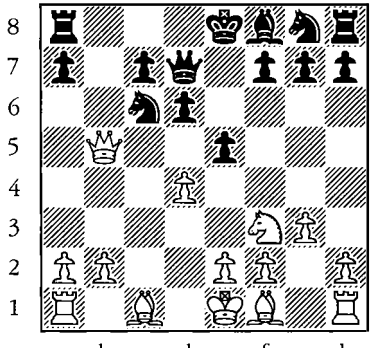

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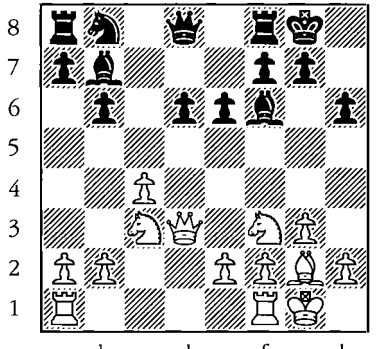
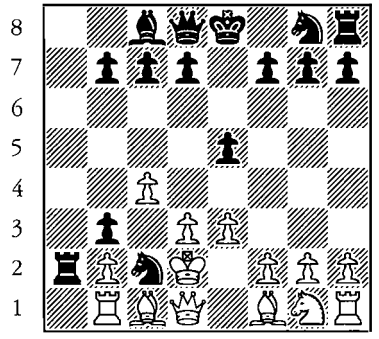


396

English Opening

1. c4

Black to move. Find the best continuation.



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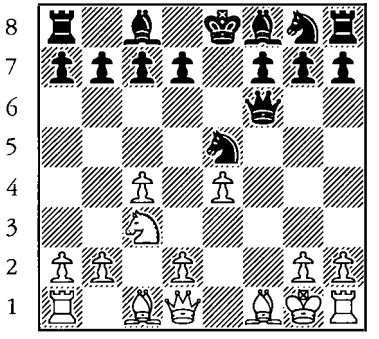

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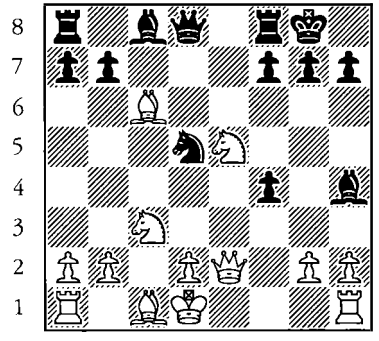

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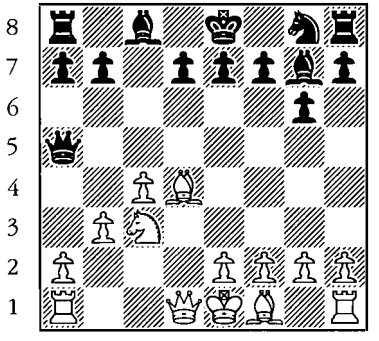
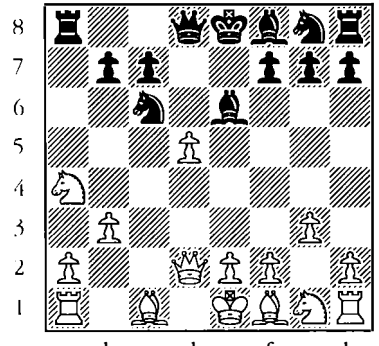
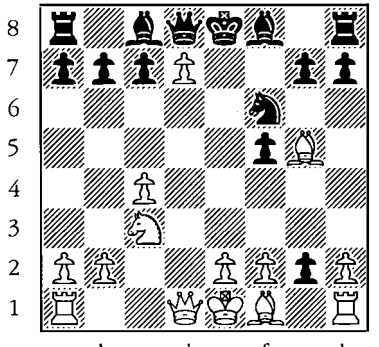


400



401

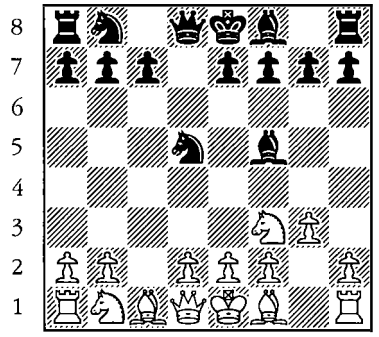


402

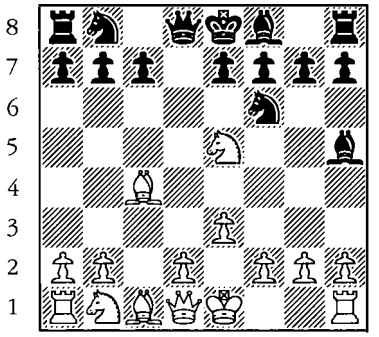
Réti's Opening

1. ♘f3

White to move. Find the best continuation.



403



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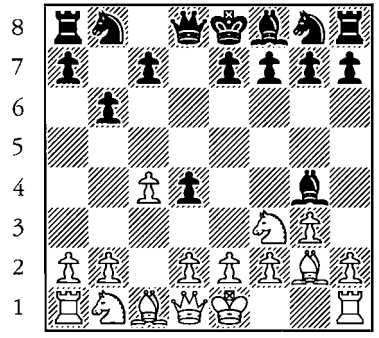
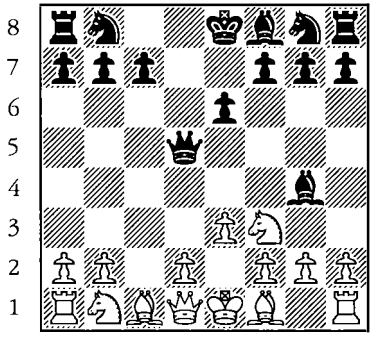
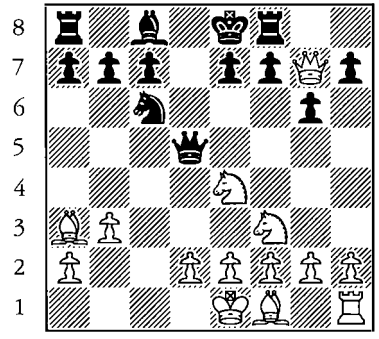


405



406



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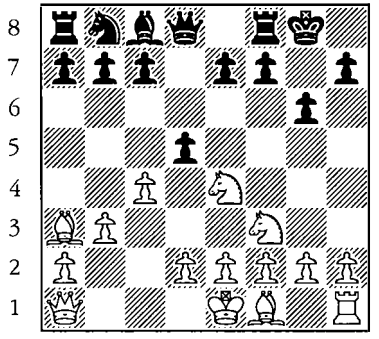
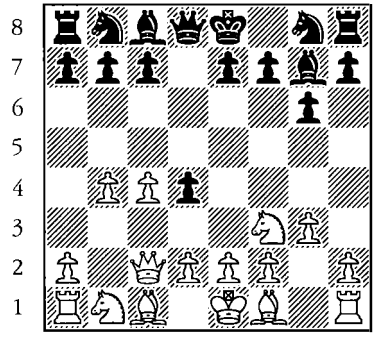


408

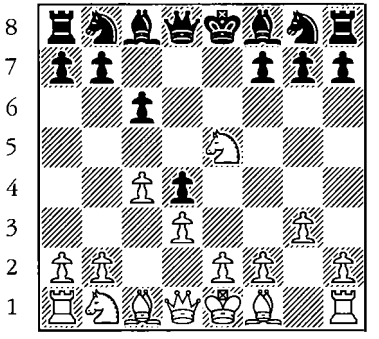
Réti's Opening

1. ♘f3

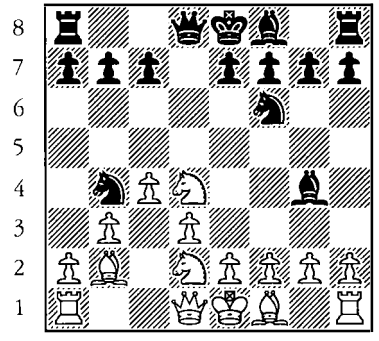
Black to move. Find the best continuation.



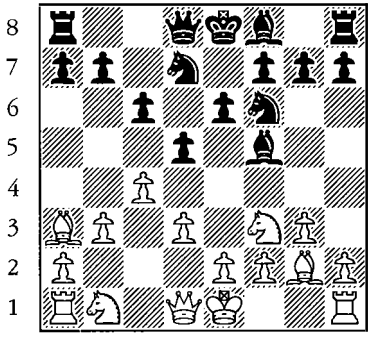
409



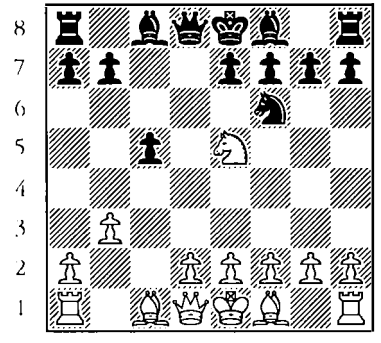
410



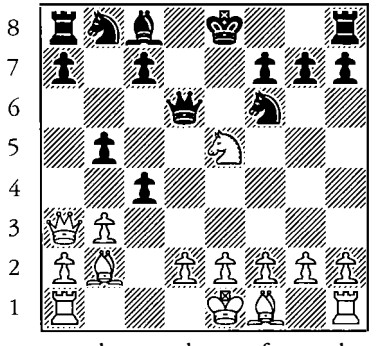
411



412



413

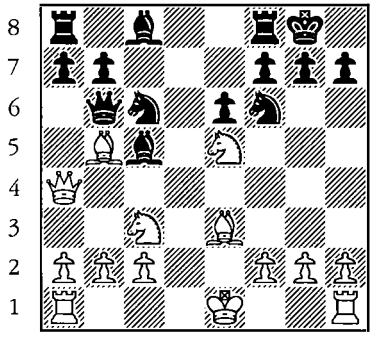


414

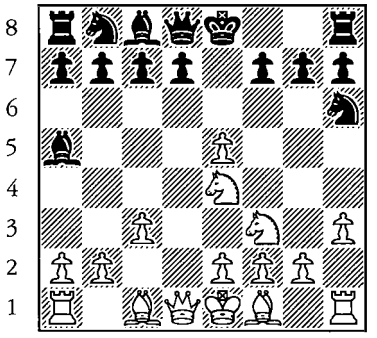
Queen's Pawn Opening

1. d4

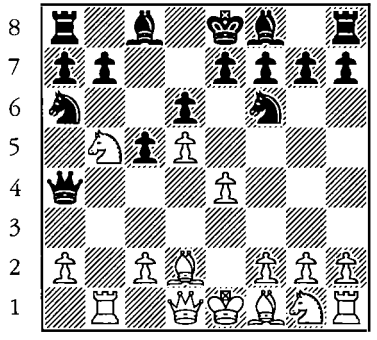
White to move. Find the best continuation.



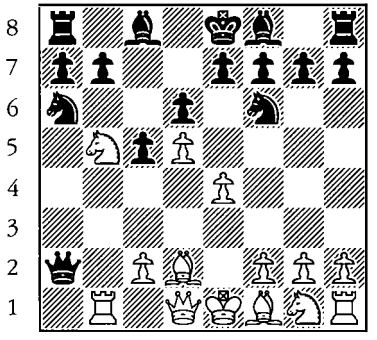
415



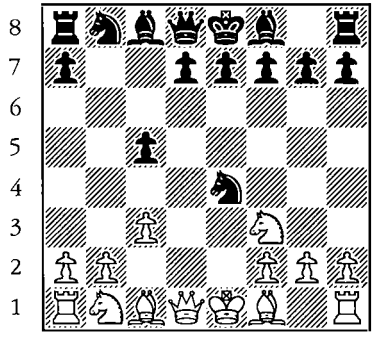
416



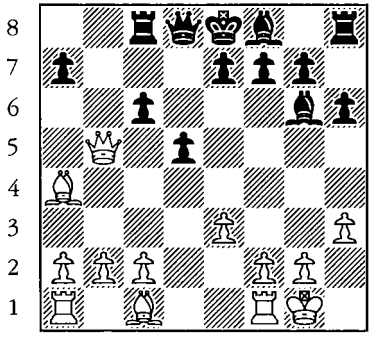
417



418



419

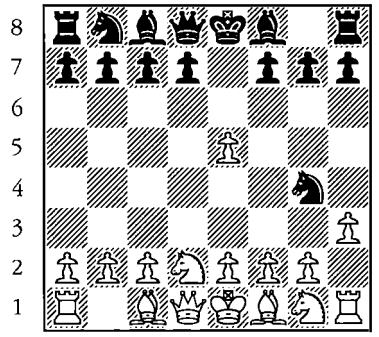


420

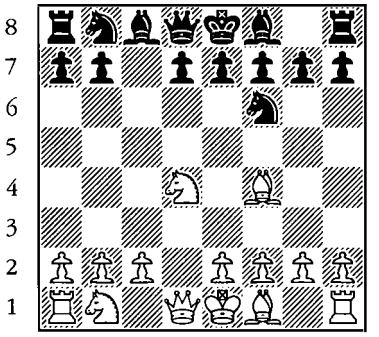
Queen's Pawn Opening

1. d4

Black to move. Find the best continuation.



421



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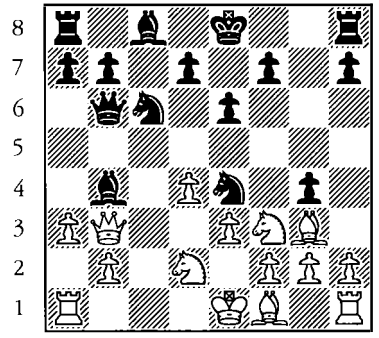
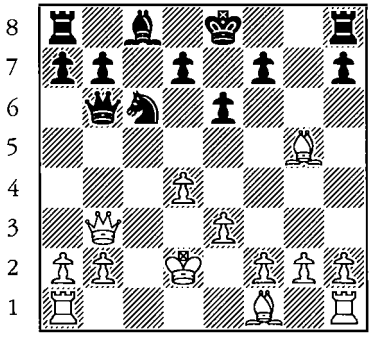
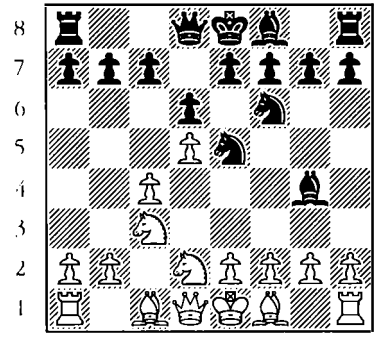


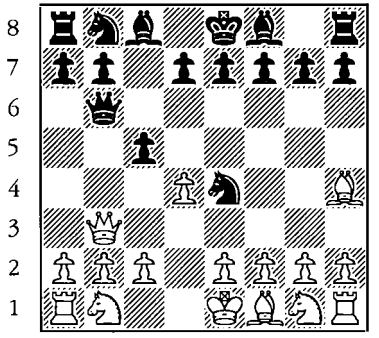
423



424



425

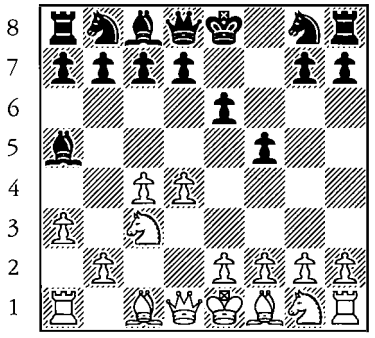


426

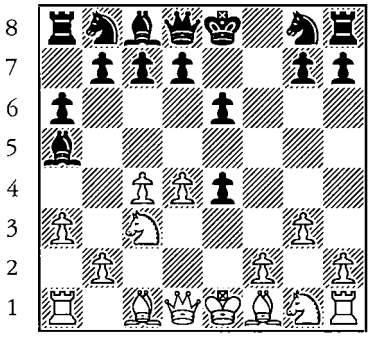
Dutch Defense

1. d4 f5

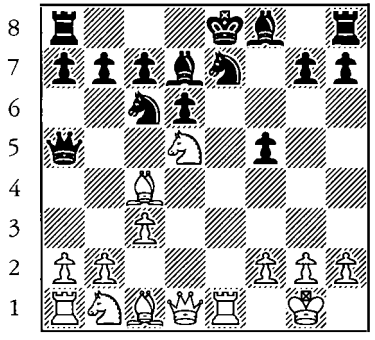
White to move. Find the best continuation.



427



428



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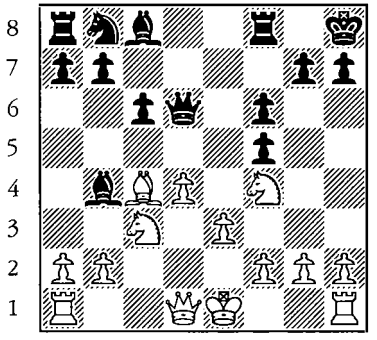
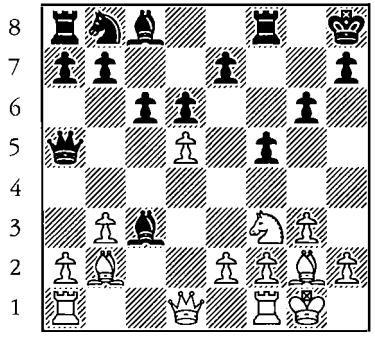
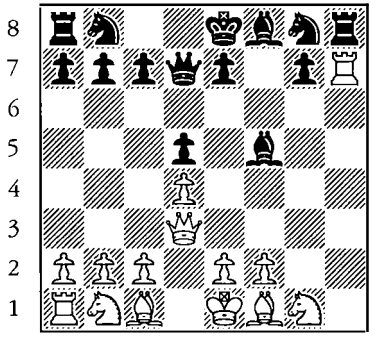


430



431

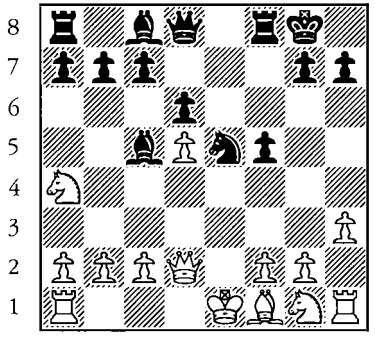


432

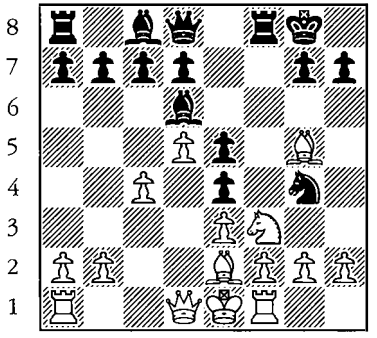
Dutch Defense

1. d4 f5

Black to move. Find the best continuation.



433



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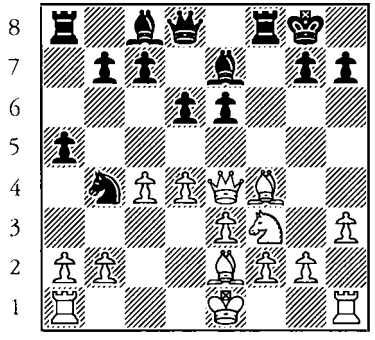
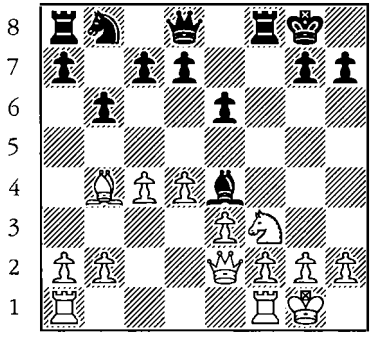
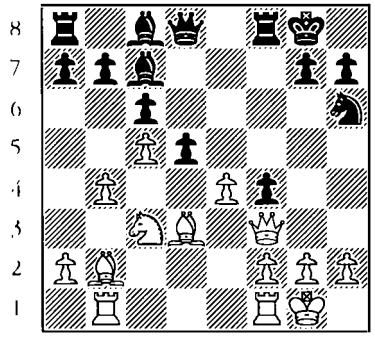


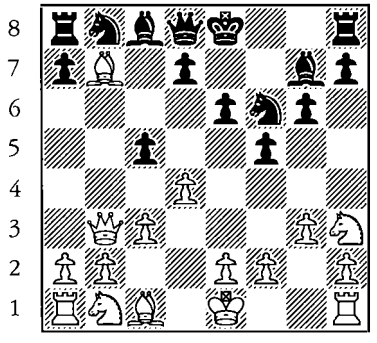
435



436



437

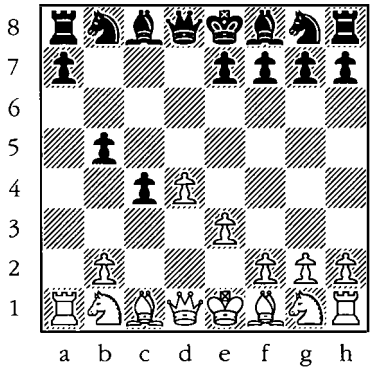


438

Queen's Gambit

1. d4 d5 2. c4

White to move. Find the best continuation.



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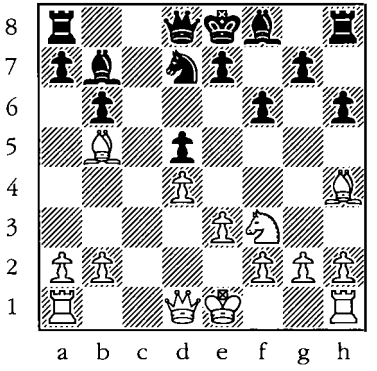

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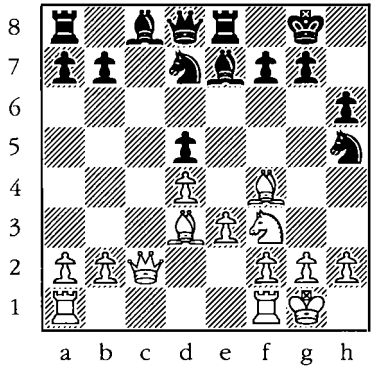

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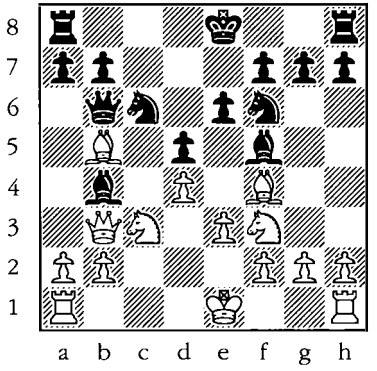

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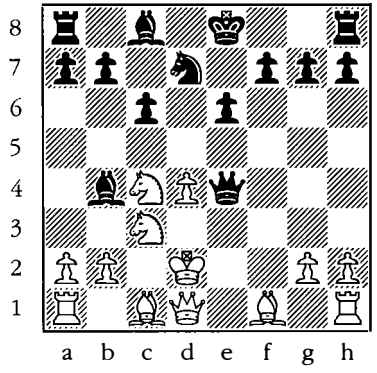

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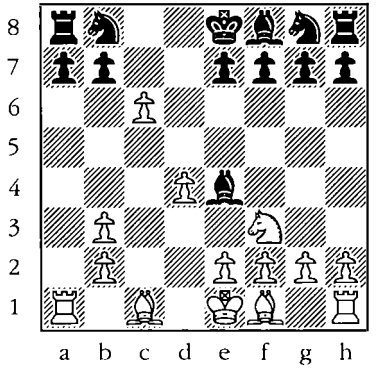
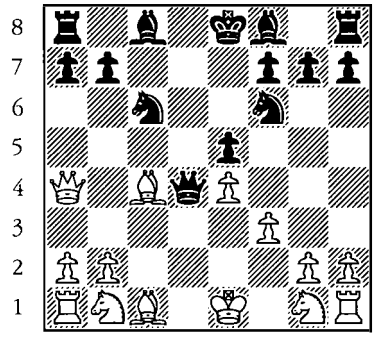


444

Queen's Gambit

1. d4 d5 2. c4

Black to move. Find the best continuation.



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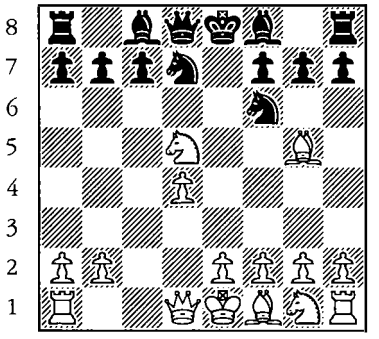

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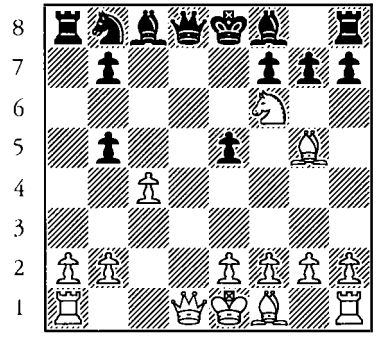

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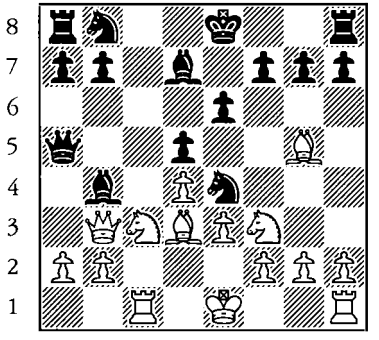

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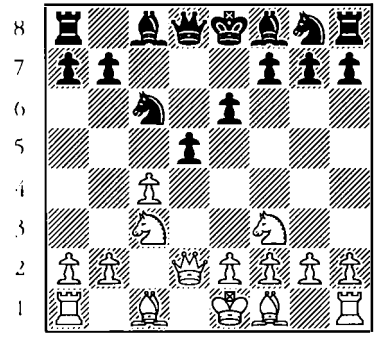

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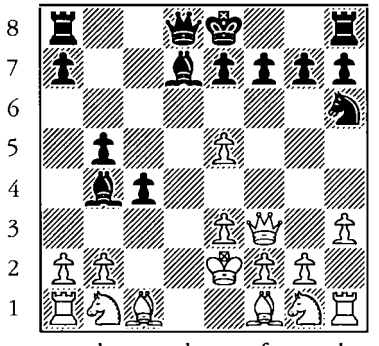
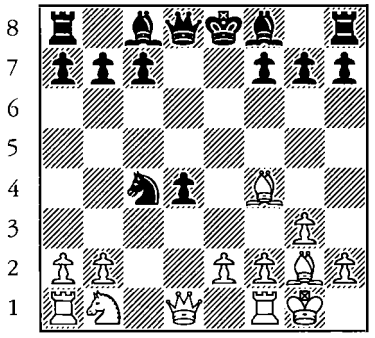


450

Albin Countergambit

1. d4 d5 2. c4 e5

White to move. Find the best continuation.



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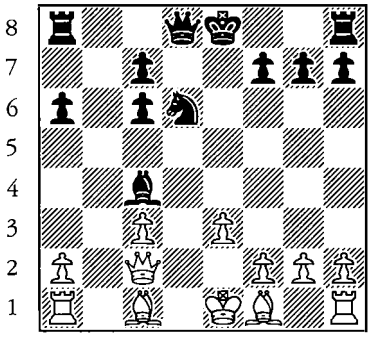

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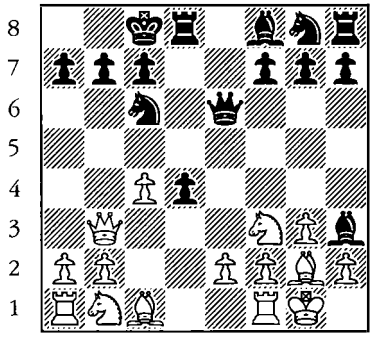

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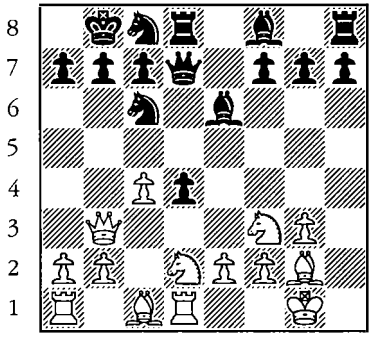

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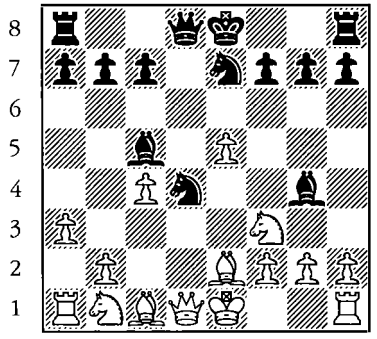

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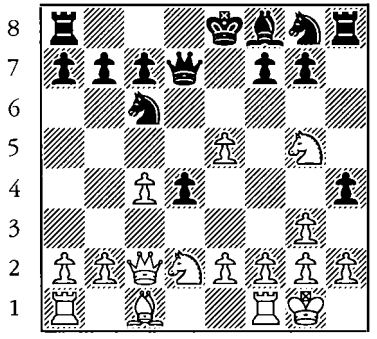


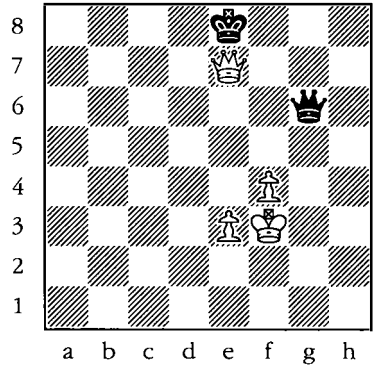
456

Defensive Tactics

Saving the king

Eliminate the attacker

Black to move.



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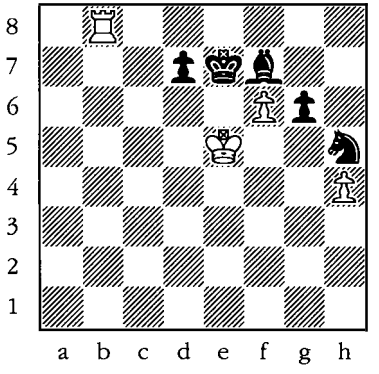

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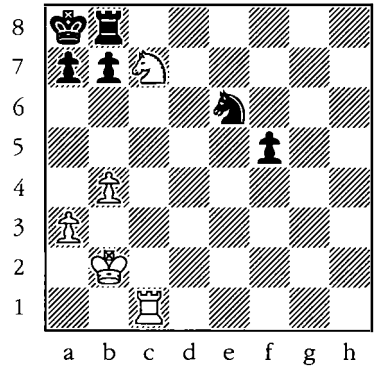

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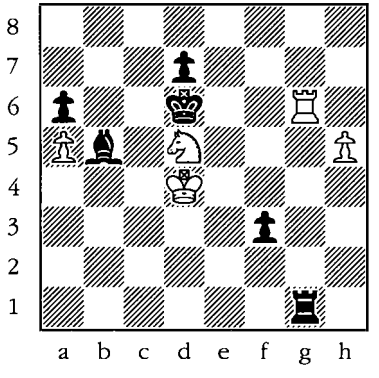

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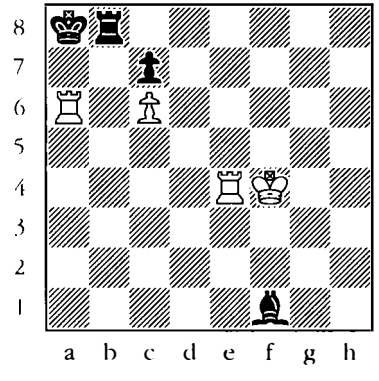

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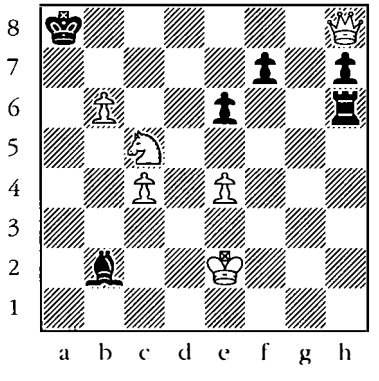
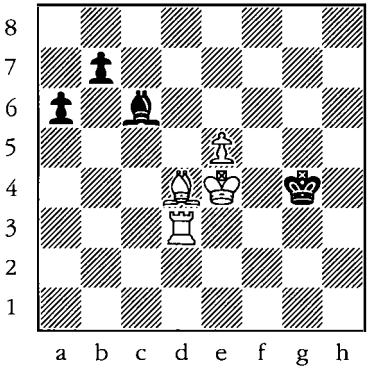


462

Get away from the attacked square

White to move.



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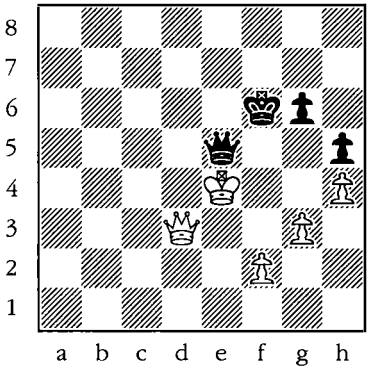

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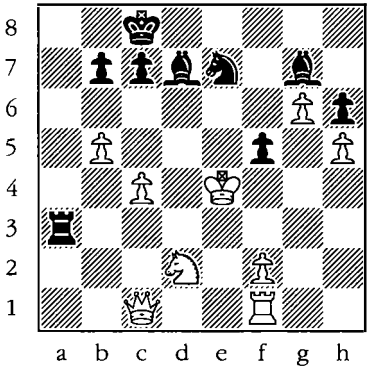

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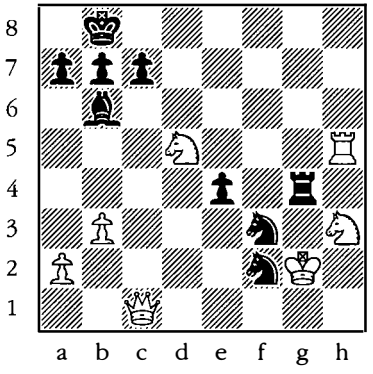

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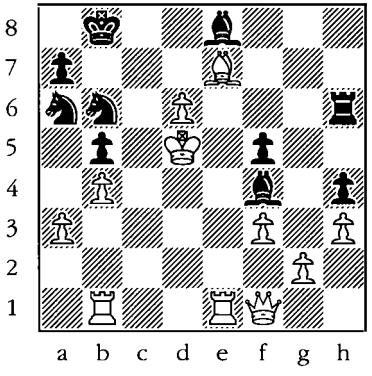

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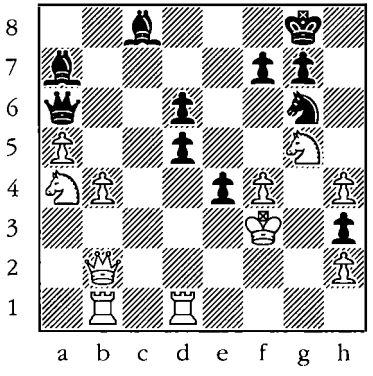
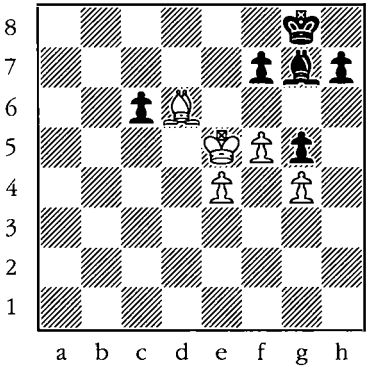


468

Block the check by interposing a piece or pawn

White to move.



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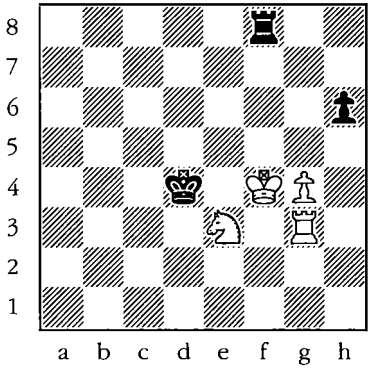

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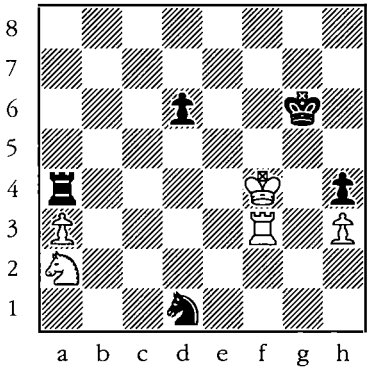

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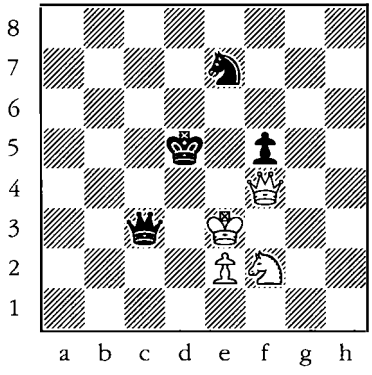

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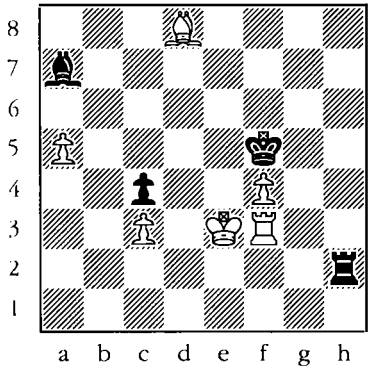

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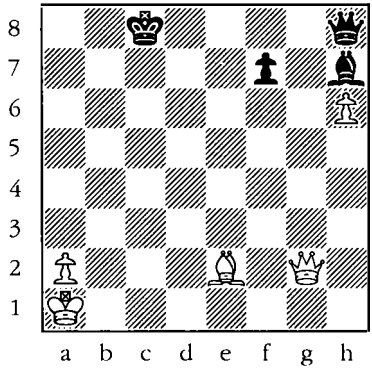
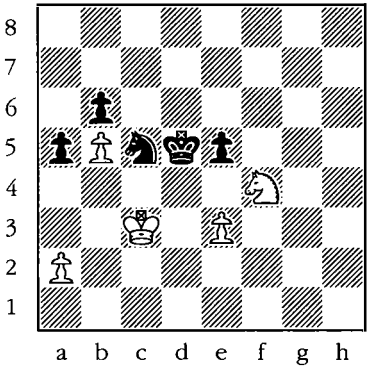


474

Find the best defense

Black to move.



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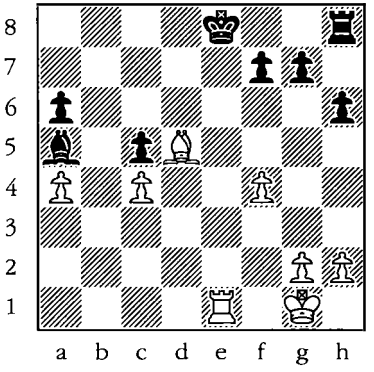

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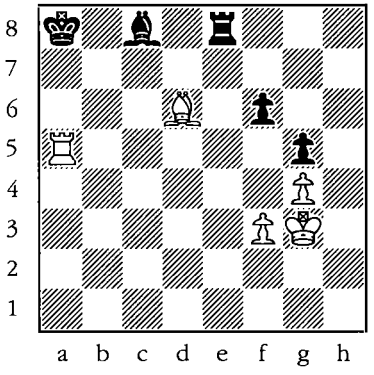

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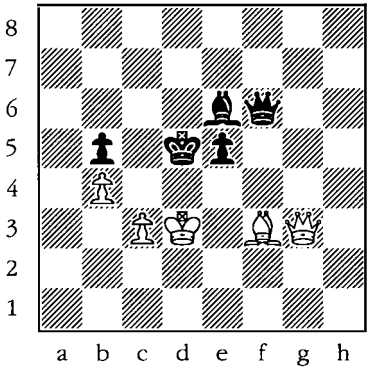

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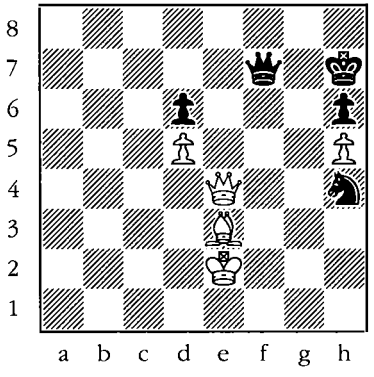

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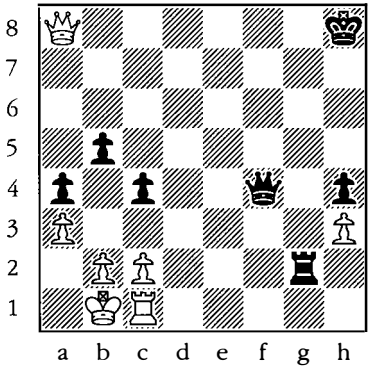
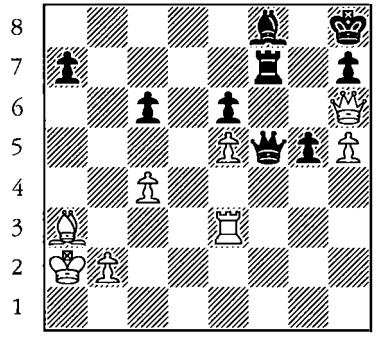


480

Saving the queen

Eliminate the attacker

White to move.



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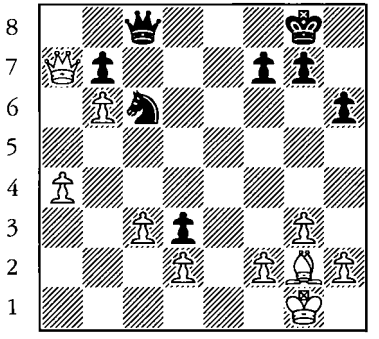

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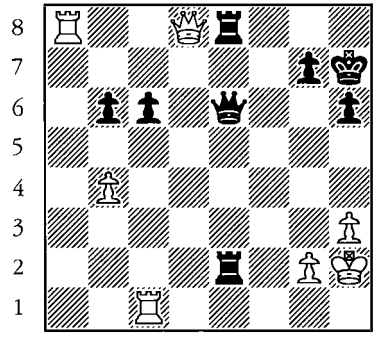

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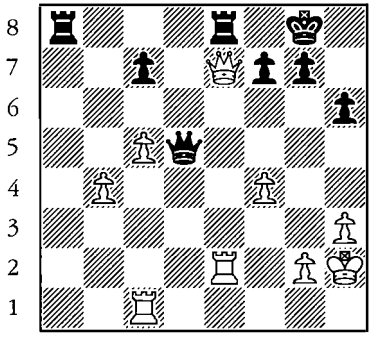

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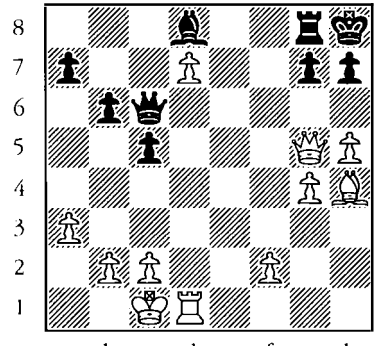

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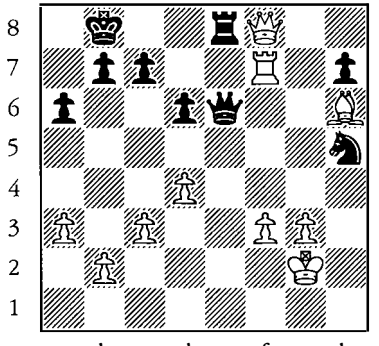
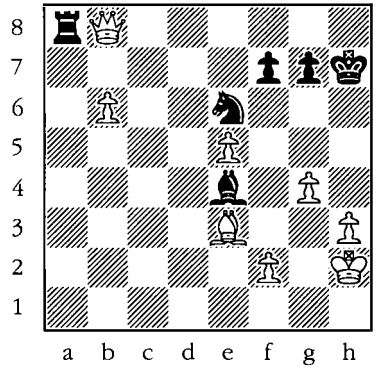


486

Get away from the attacked square

White to move.



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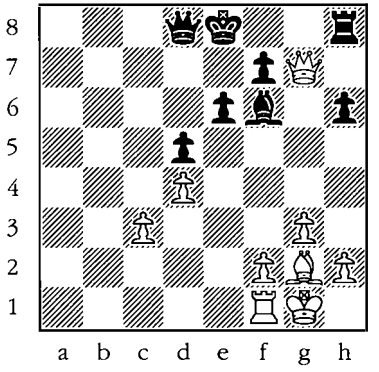

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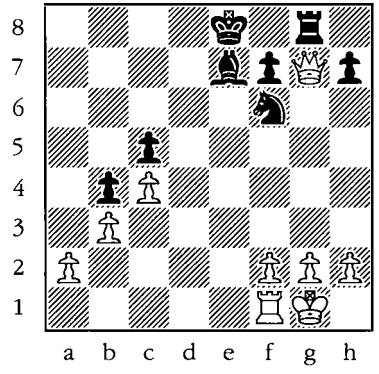

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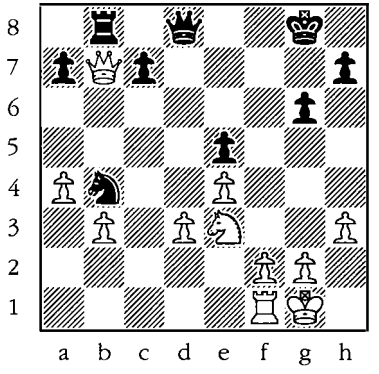

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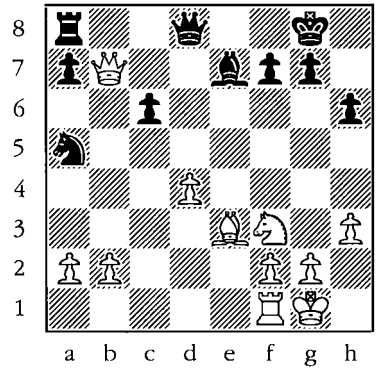

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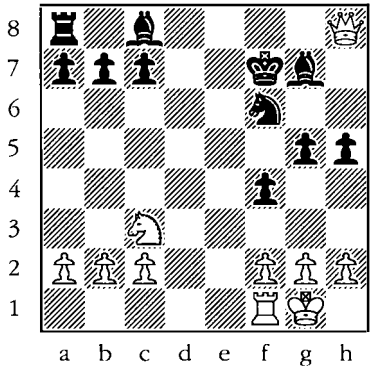
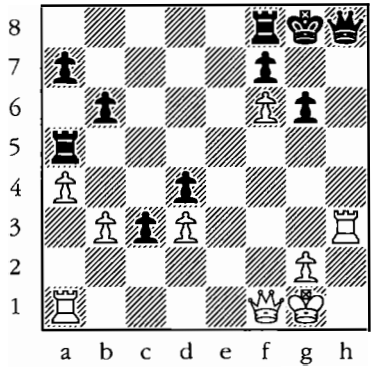


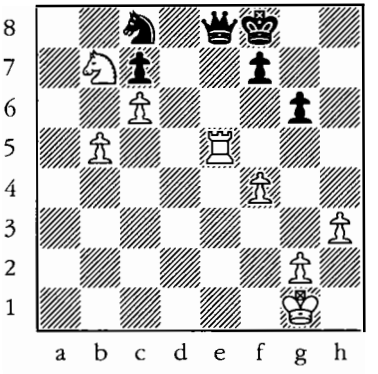
492

Block the attack on the queen

Black to move.



493



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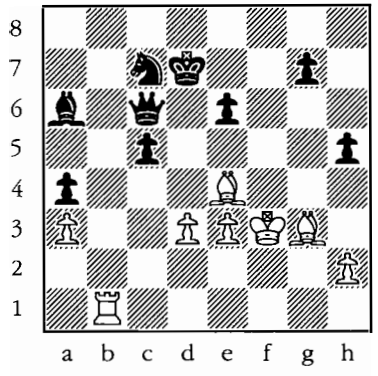

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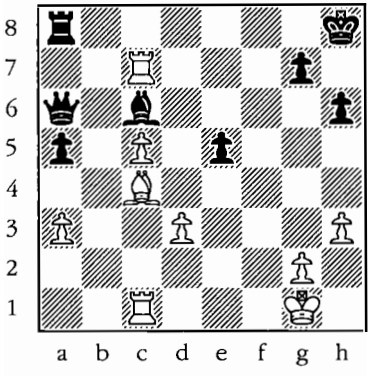

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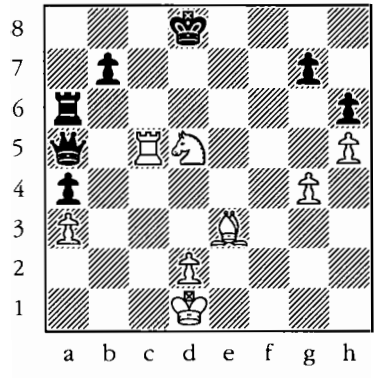

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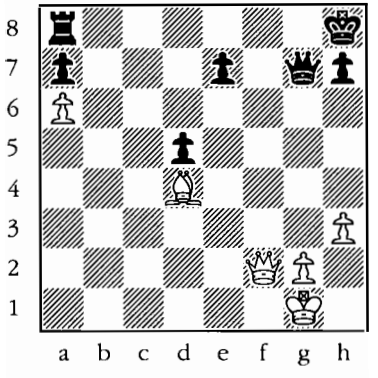
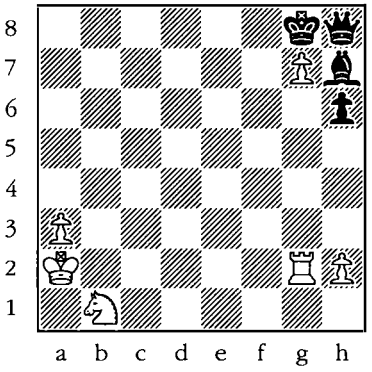


498

Counterattack

Black to move.



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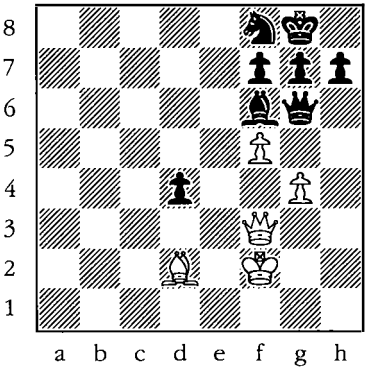

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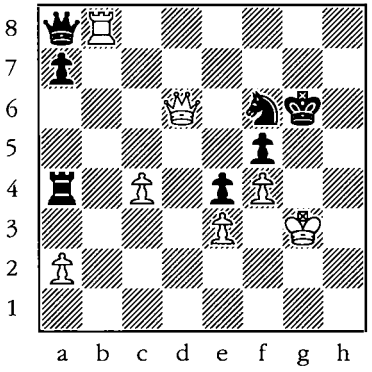

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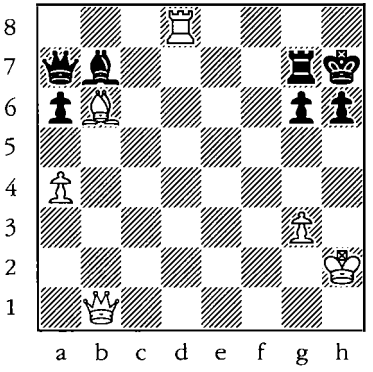

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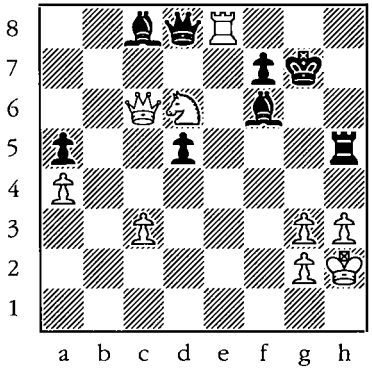

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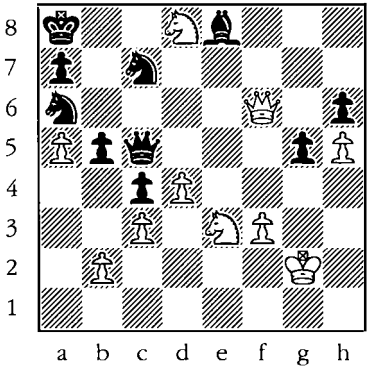
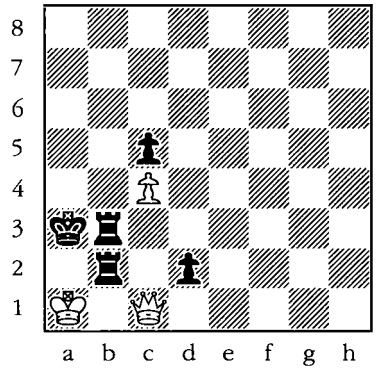


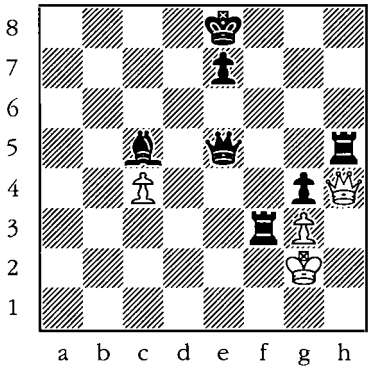
504

Stalemate

White to move.



505



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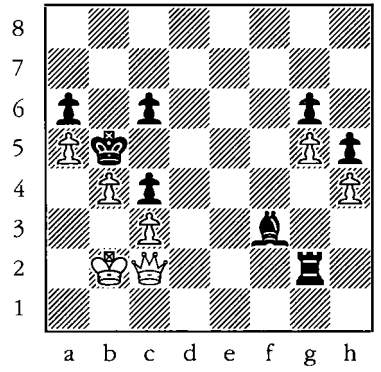

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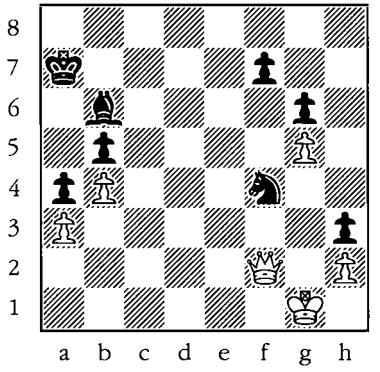

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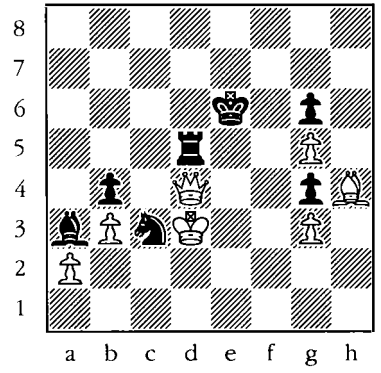

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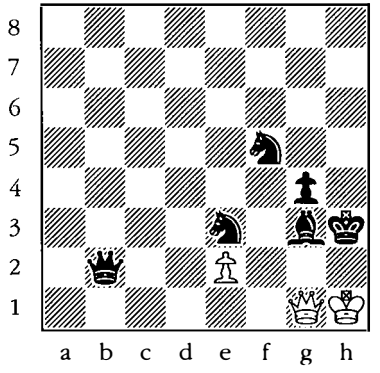
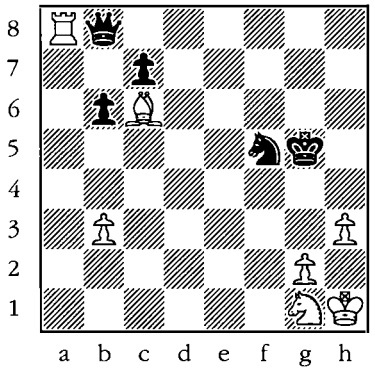


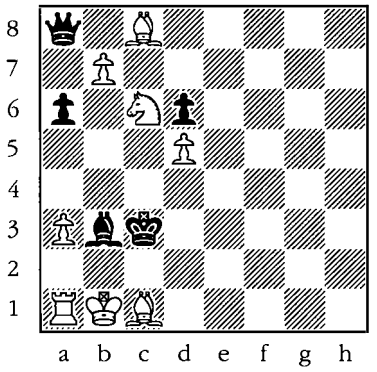
510

Perpetual check

Black to move.



511



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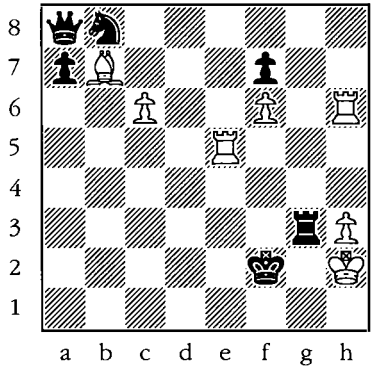

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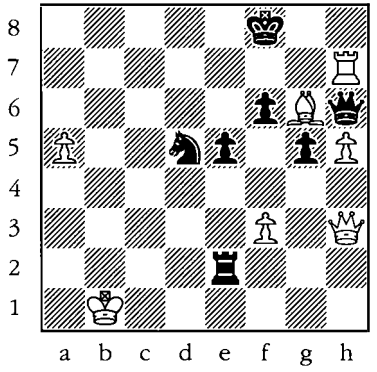

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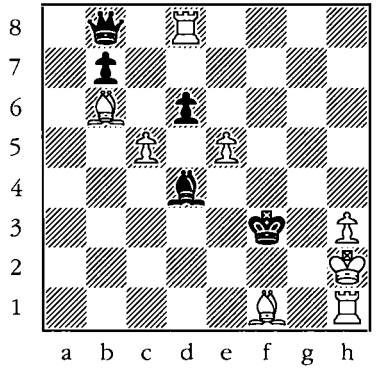

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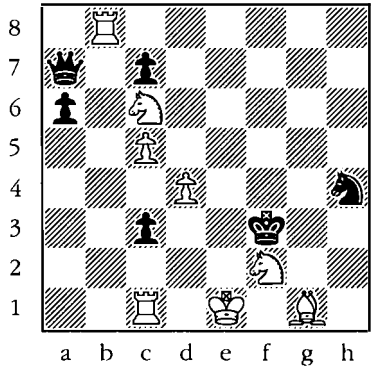
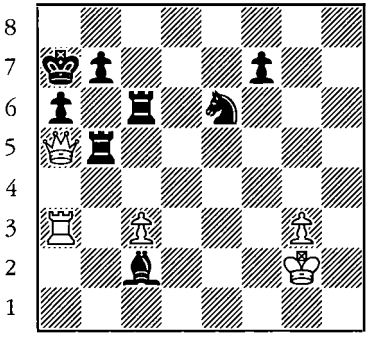


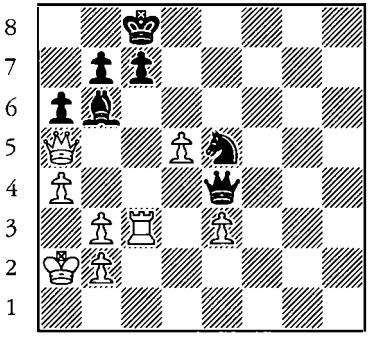
516

Pin

White to move.



517



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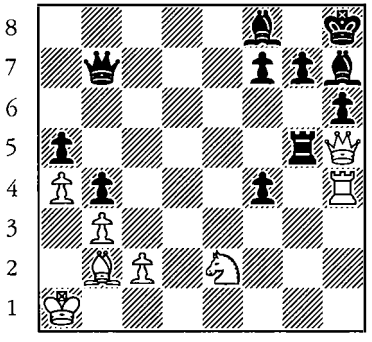

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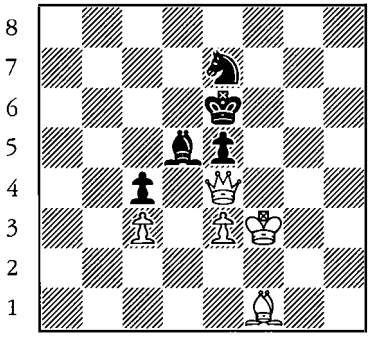

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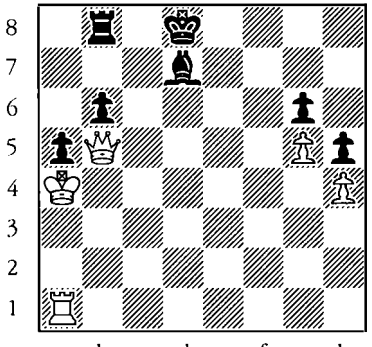

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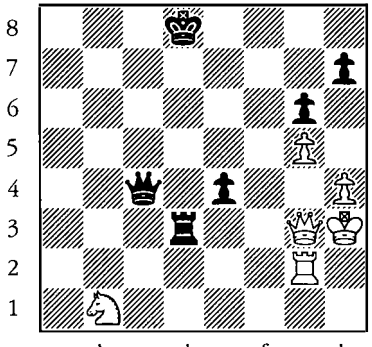
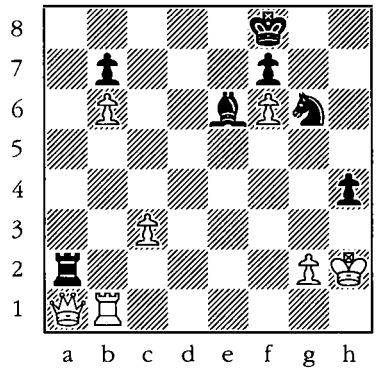


522

Mate threat

White to move.



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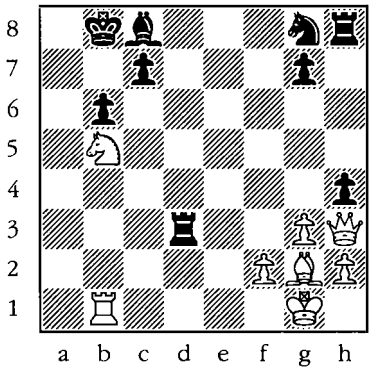

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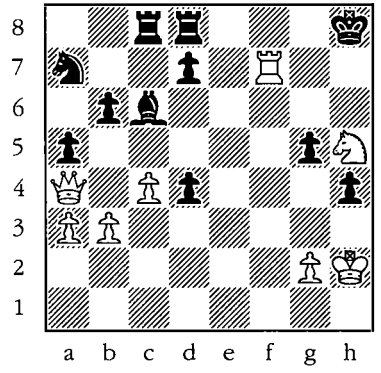

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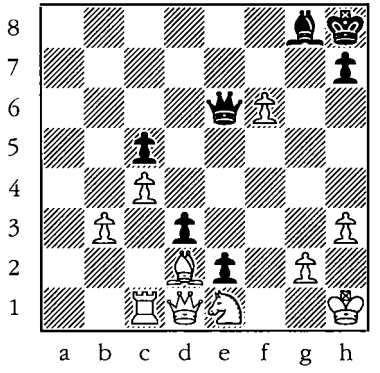

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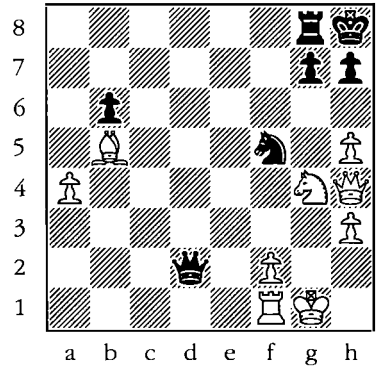

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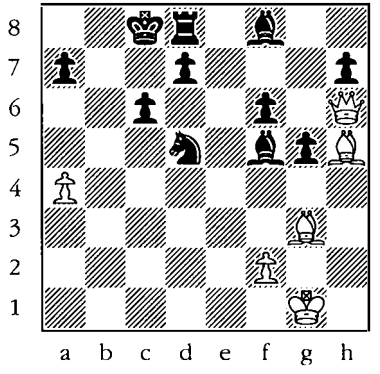
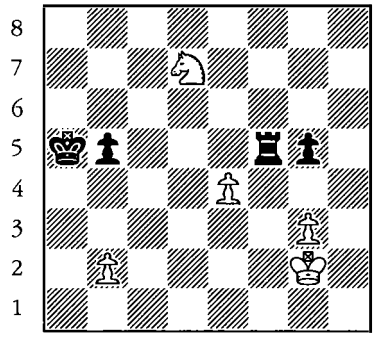


528

Saving a rook

Evacuate the attacked square

Black to move.



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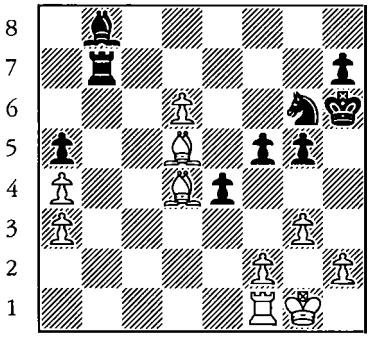

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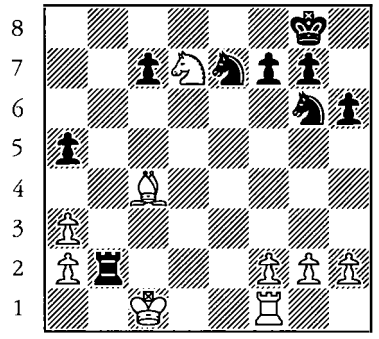
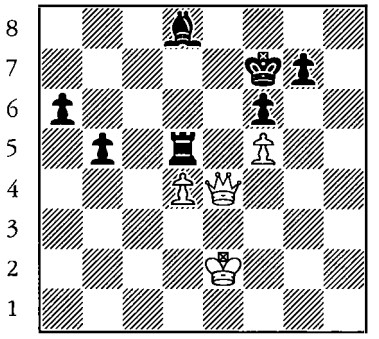
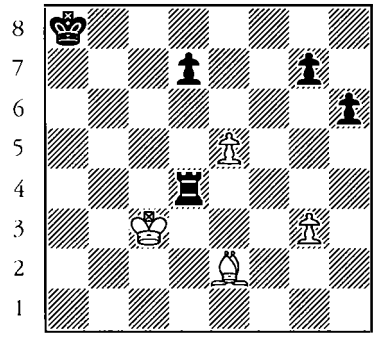


531



532



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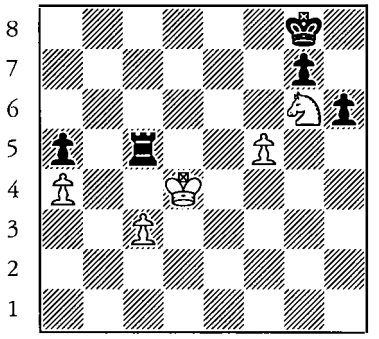
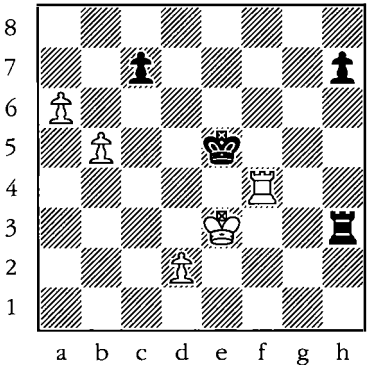


534

Interpose

White to move.



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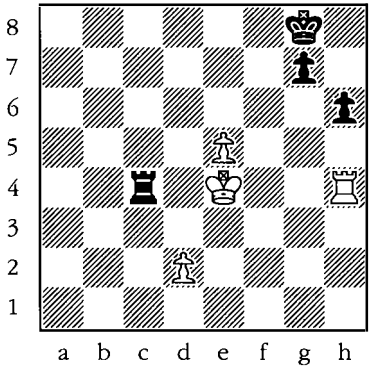

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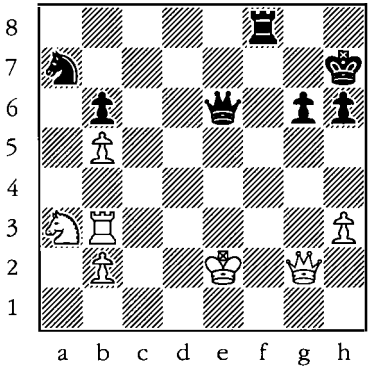

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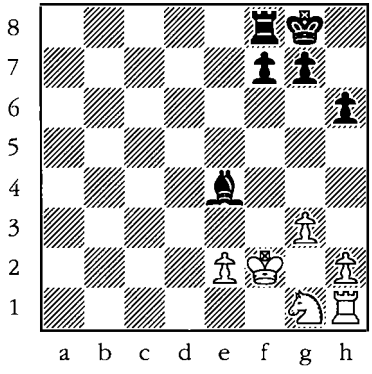
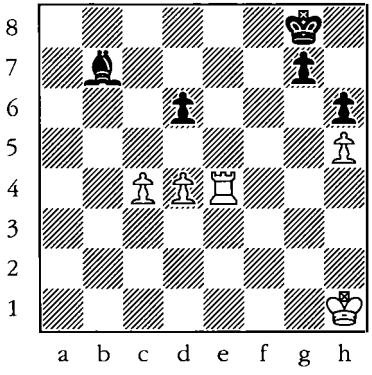
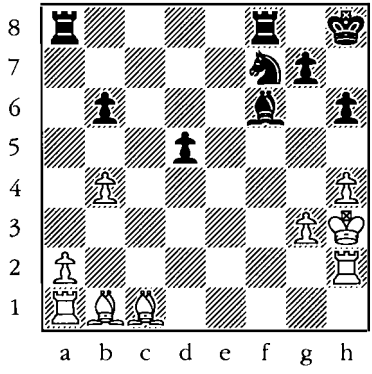


538



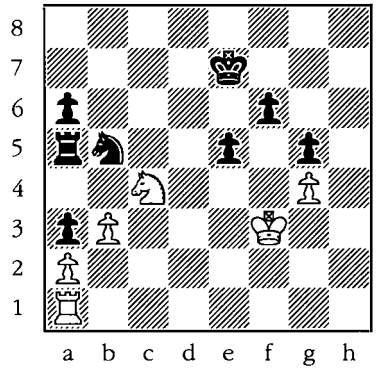
539



540

Counterattack

Black to move.



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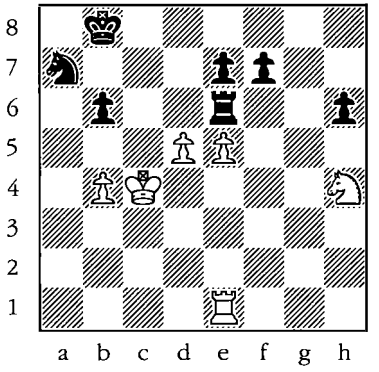

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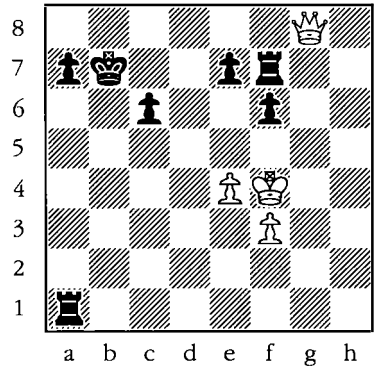

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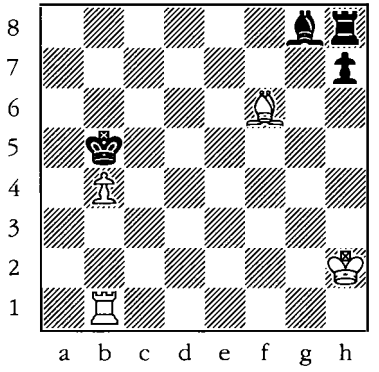

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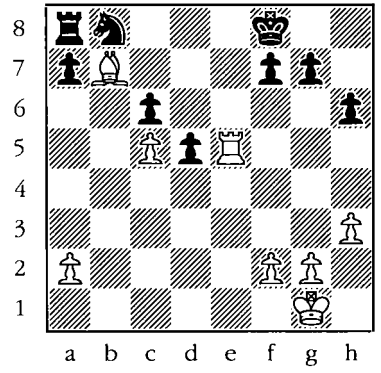

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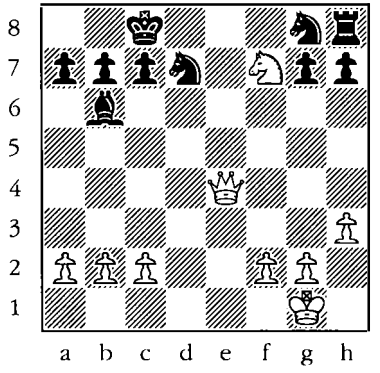
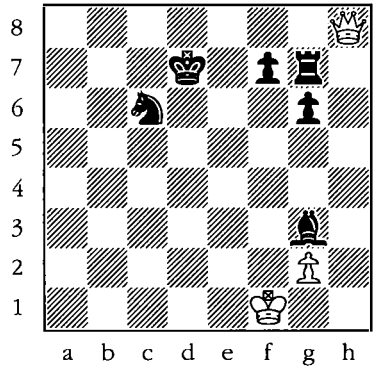


546

Defend with another piece

Black to move.



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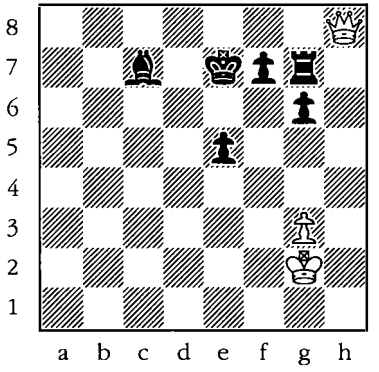

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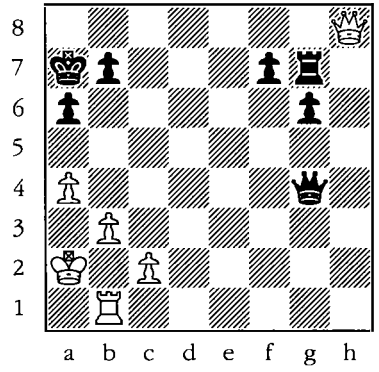

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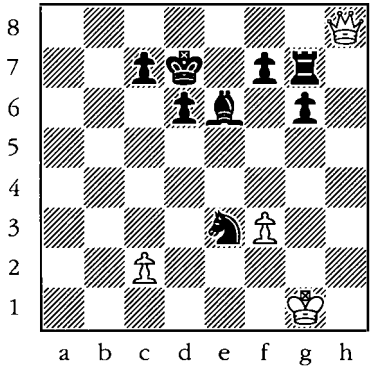

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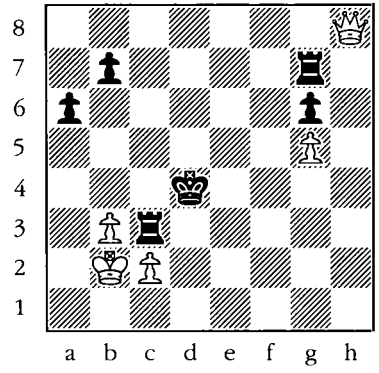

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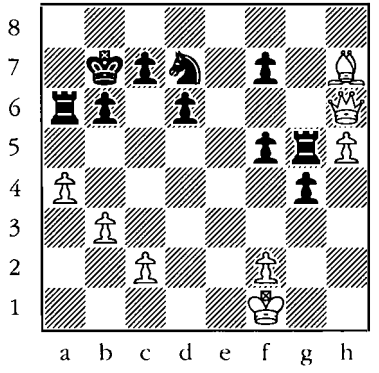

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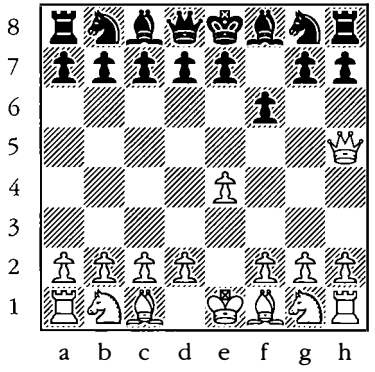
Positions 2-3 moves into the game

Black to move. Find the best move.



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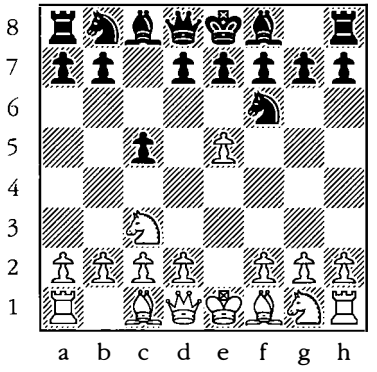

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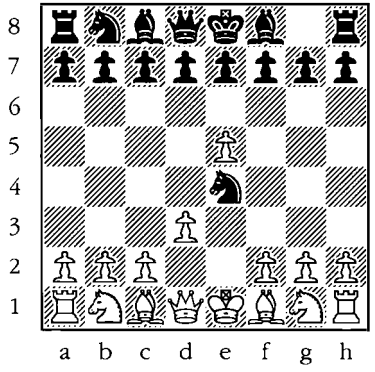

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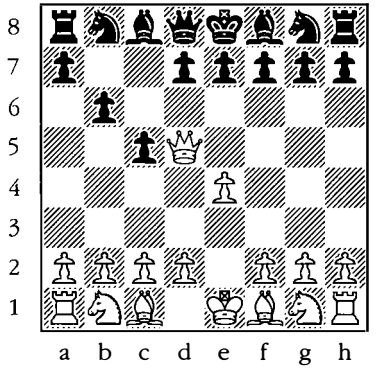

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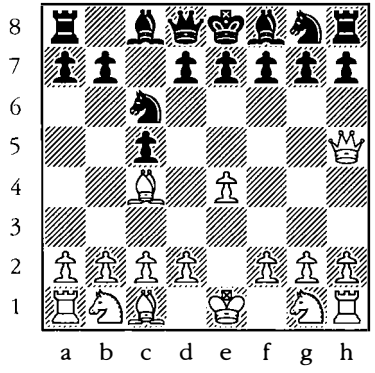

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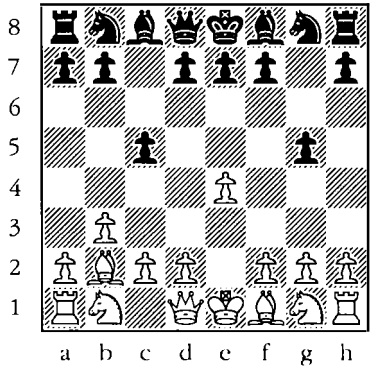

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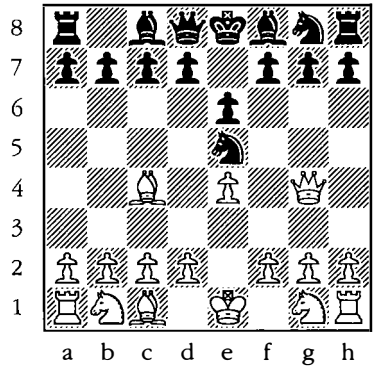
Positions 3-4 moves into the game

White to move. Find the best move.



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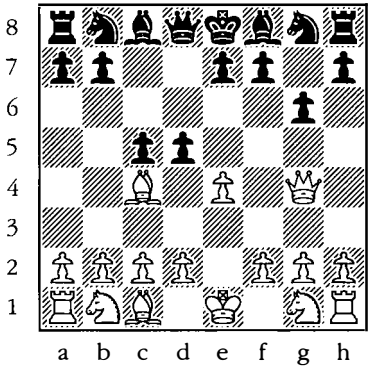

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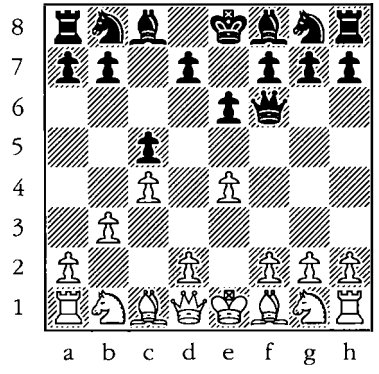

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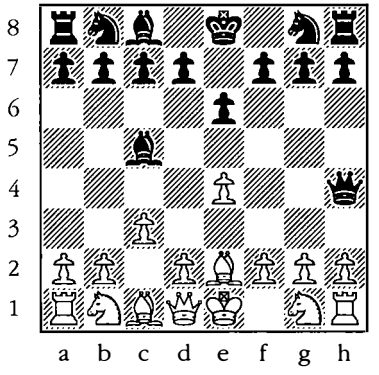

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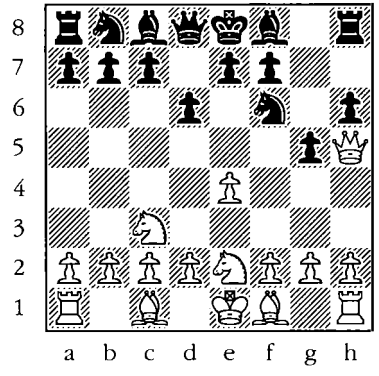

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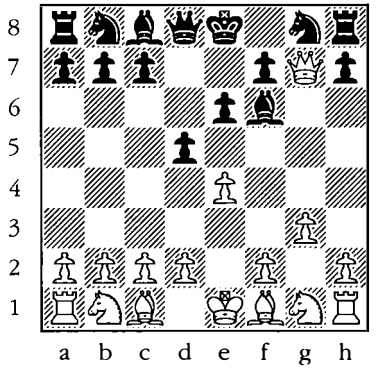

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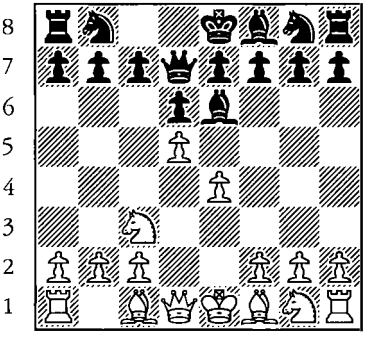
Positions 4 moves into the game

Black to move. Find the best move.



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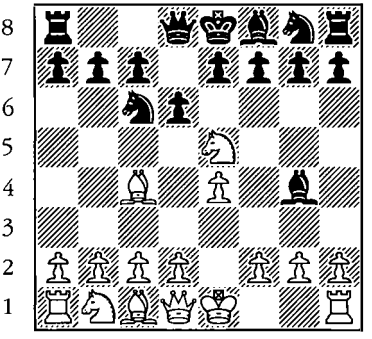

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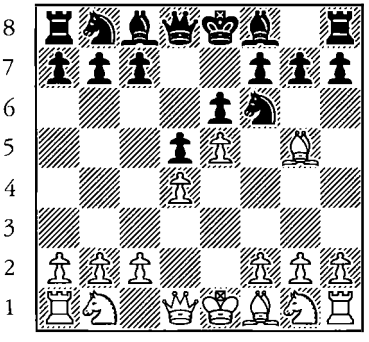

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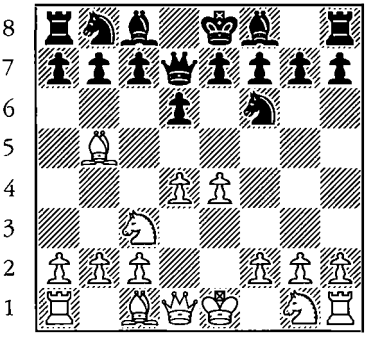

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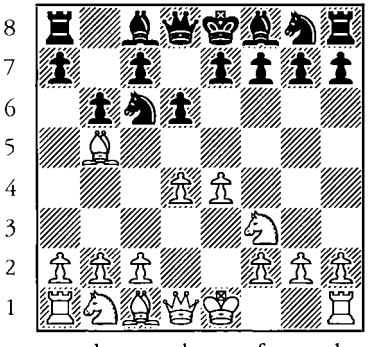

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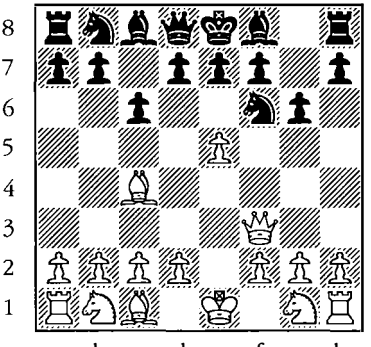

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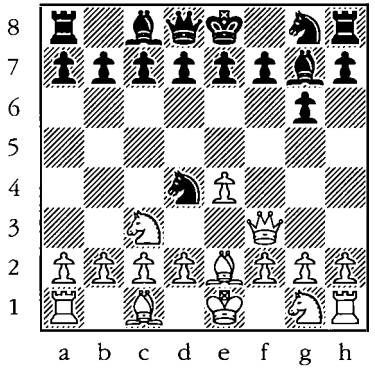
Positions 4 moves into the game

White to move. Find the best move.



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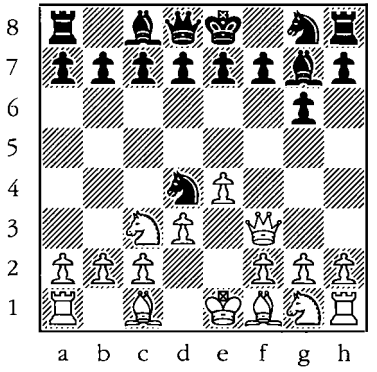

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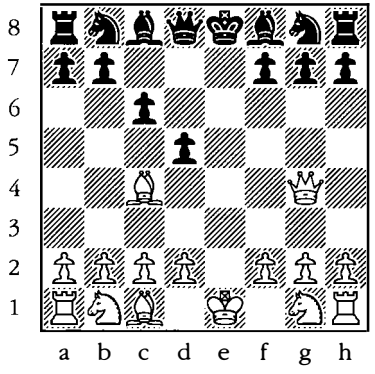

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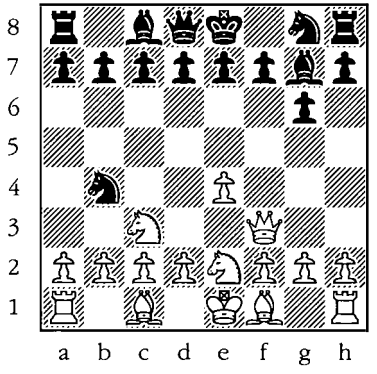

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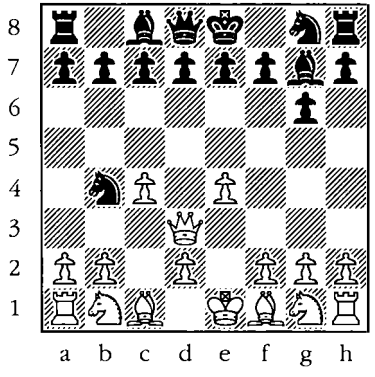

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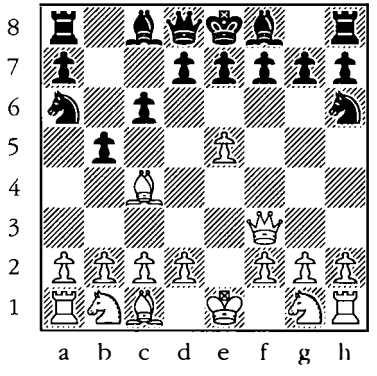

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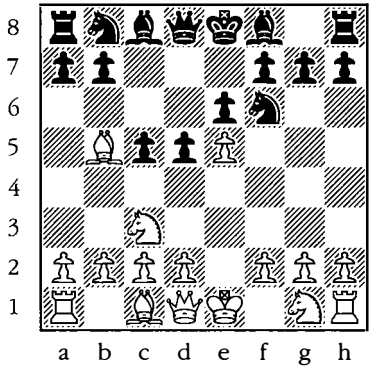
Positions 5-6 moves into the game

Black to move. Find the best move.



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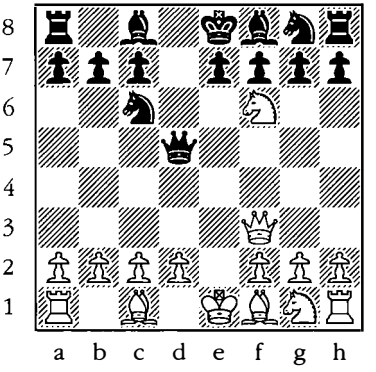

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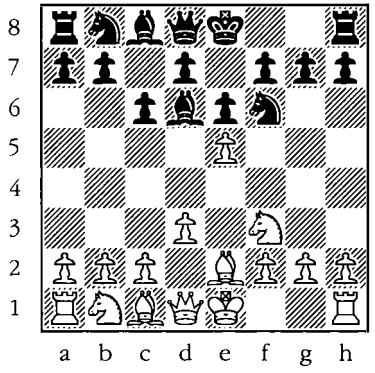

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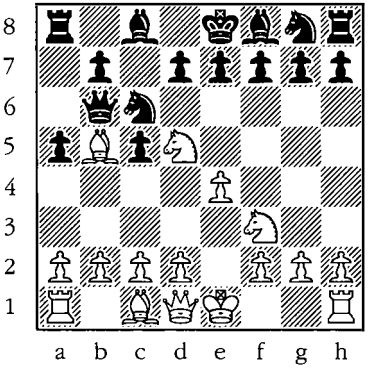

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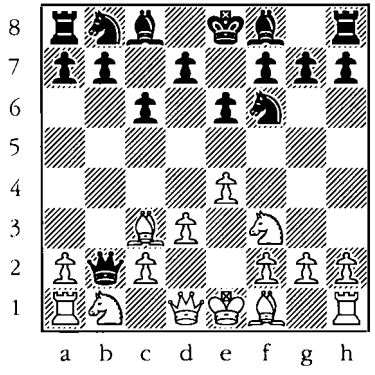

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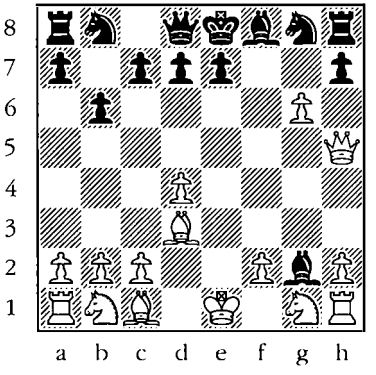
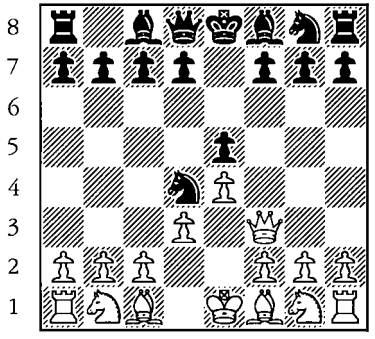


582

Defending in the Open Games

Positions 3 moves into the game

White to move. Find the best move.



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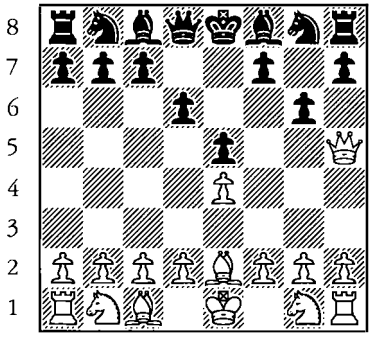

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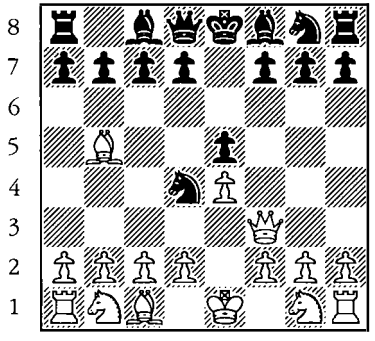

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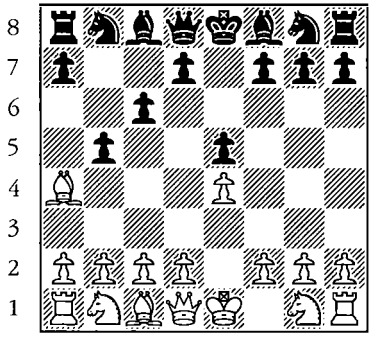

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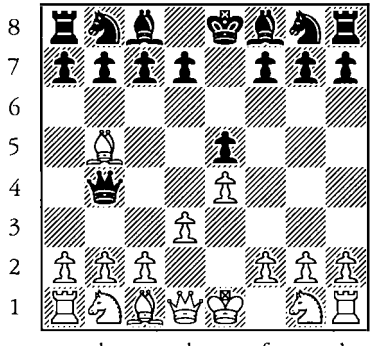

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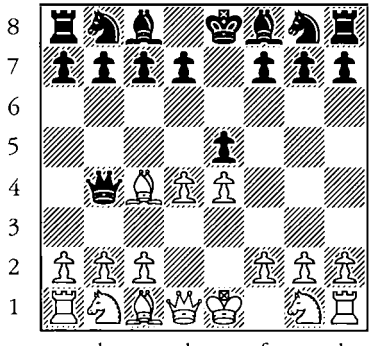

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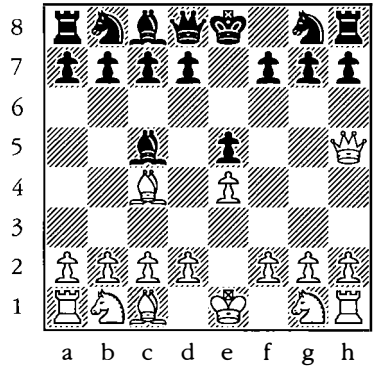
Positions 3-4 moves into the game

Black to move. Find the best move.



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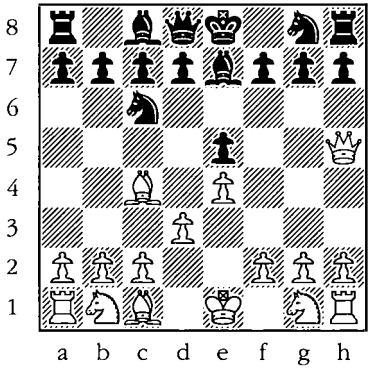

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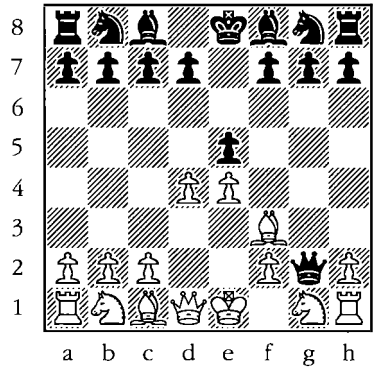

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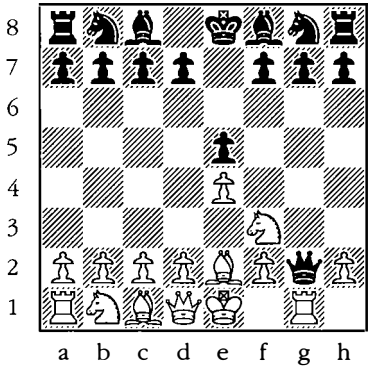

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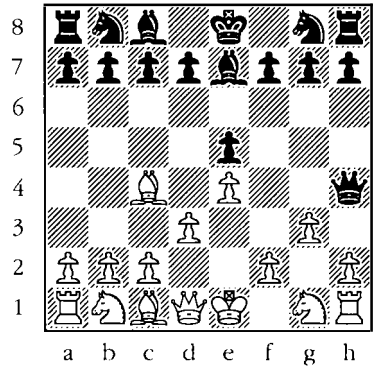

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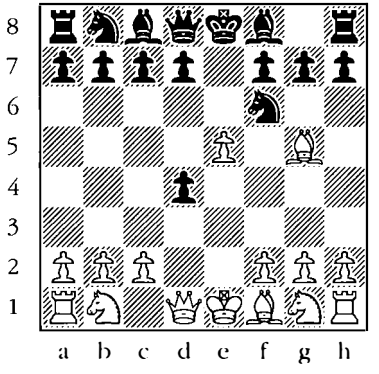

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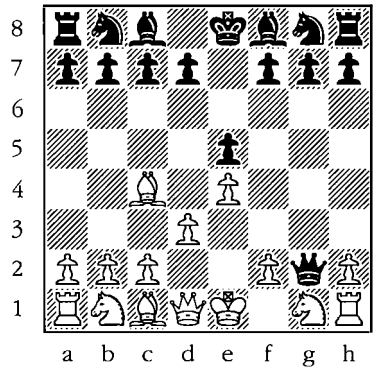
Positions 3-4 moves into the game

White to move. Find the best move.



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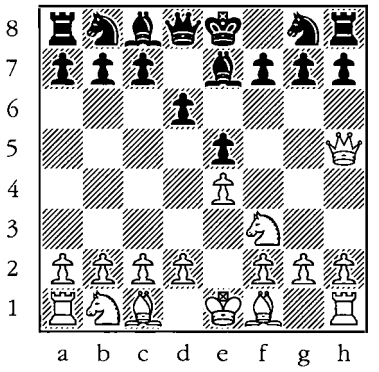

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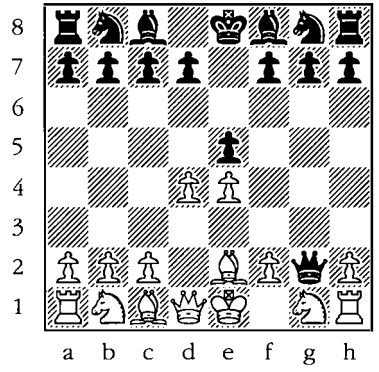

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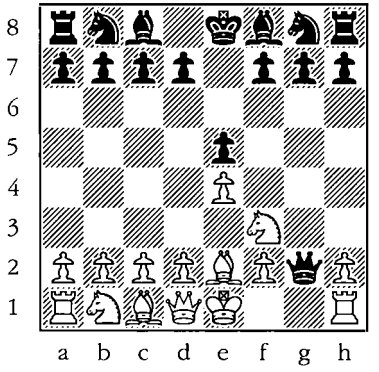

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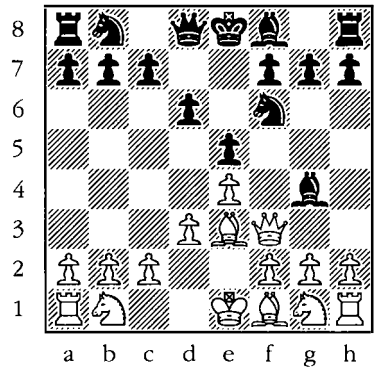

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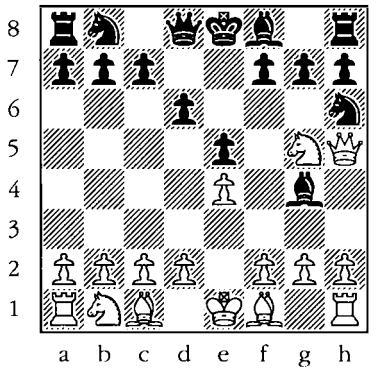

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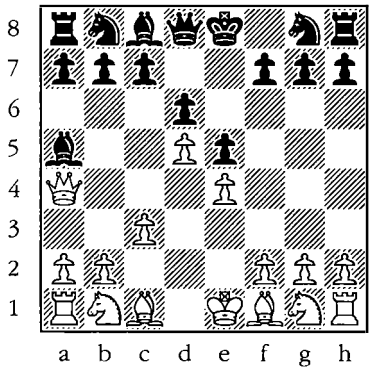
Positions 5-6 moves into the game

Black to move. Find the best move.



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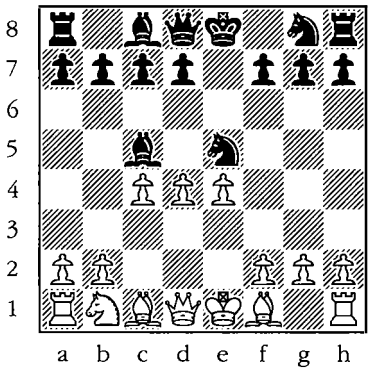

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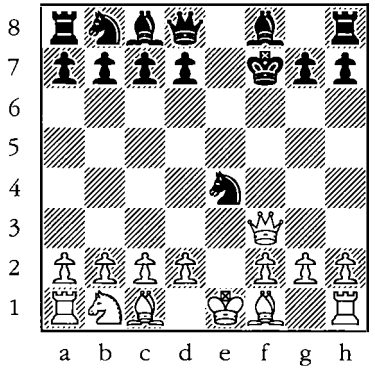

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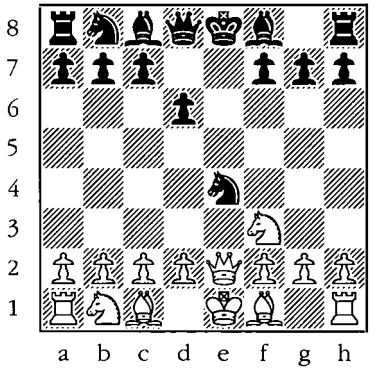

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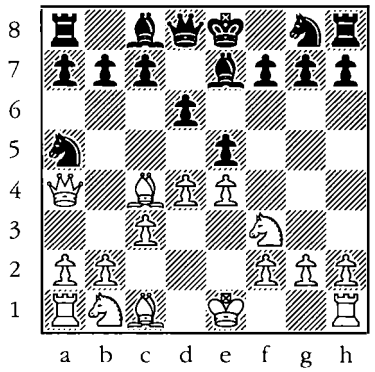

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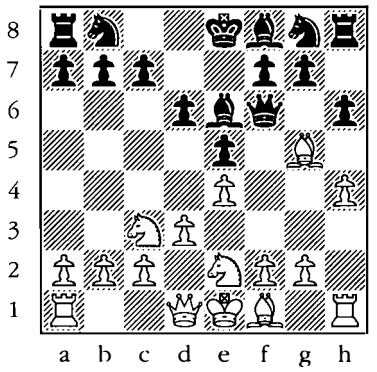
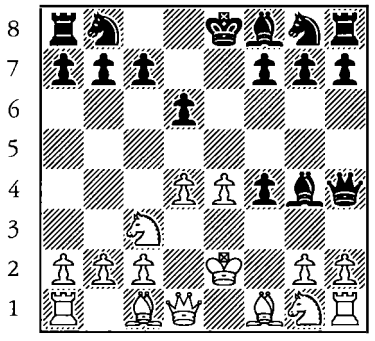


606

Positions 5-6 moves into the game

White to move. Find the best move.



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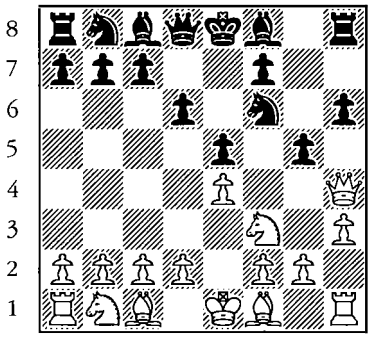

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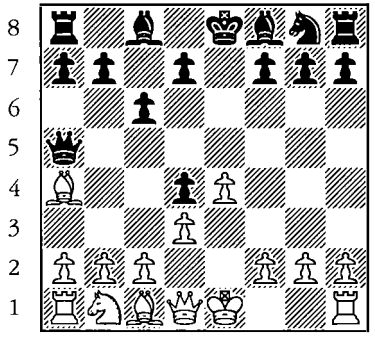

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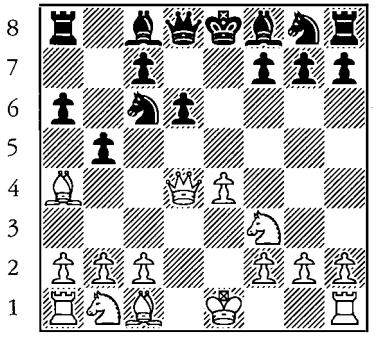

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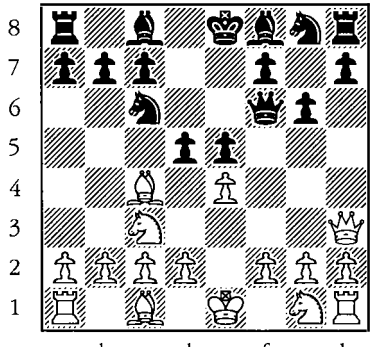

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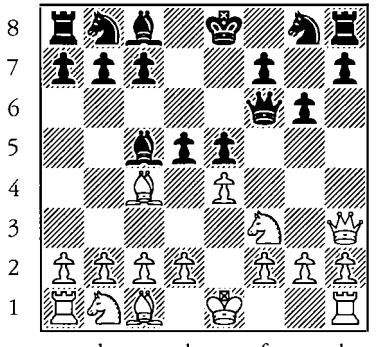
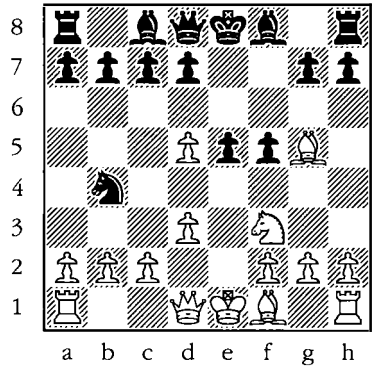


612

Positions 7-8 moves into the game

Black to move. Find the best move.



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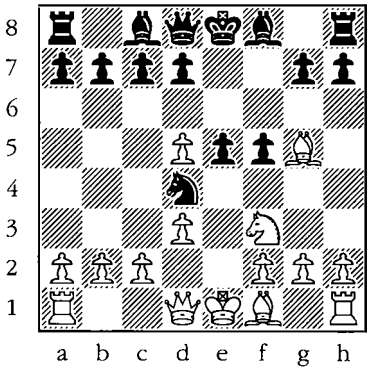

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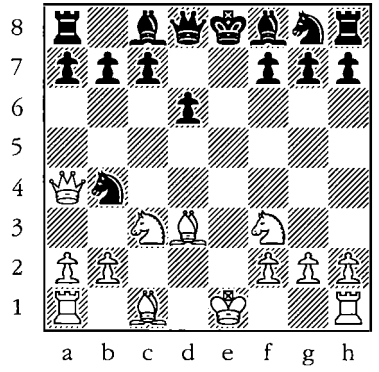

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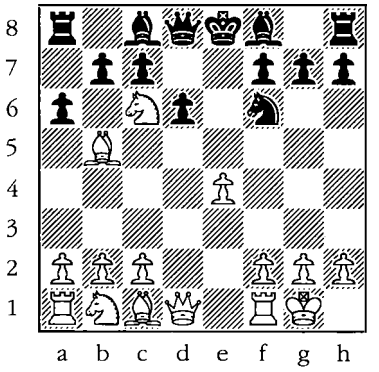

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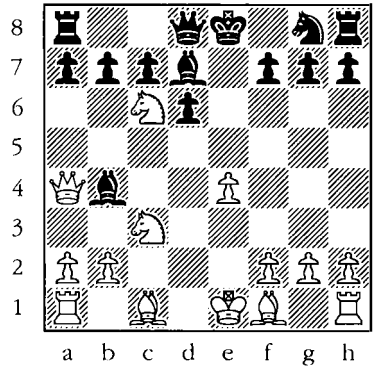

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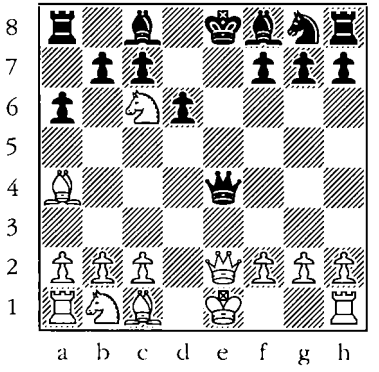

618

Solutions

1. 1. ♕xh4.

2. 1. ♕xg5.

3. 1. ♕xa5.

4. 1. ♕xb6.

5. 1. ♘xc7+.

6. 1. ♕xd8.

7. 1. ♖xa8.

8. 1. ♖xh8.

9. 1. ♖xg6.

10. 1. ♖xf5.

11. 1. ♖xe5.

12. 1. ♖xa7.

13. 1. ♕xa4+.

14. 1. ♗xb5+.

15. 1. ♘xf6+ and 2. cxd4.

16. 1. ♕xc6+.

17. 1. exf6+.

18. 1. ♗xc6+.

19. 1. ♕xc6+.

20. 1. ♕xc8+.

21. 1. ♗xc6+.

22. 1. ♗xb5+.

23. 1. ♕a4+ and 2. ♕xg4.

24. 1. ♕h5+ and 2. ♕xc5.

25. 1...bxa4.

26. 1...gxh5.

27. 1...♖xh5.

28. 1...♗xg4.

29. 1...♘xh5.

30. 1...♘xg4.

31. 1...bxa6.

32. 1...♗(♘)xh6.

33. 1...cxb5.

34. 1...exf4.

35. 1...dxc4.

36. 1...hxg5.

37. 1...♕xd5.

38. 1...cxd4.

39. 1...cxb5.

40. 1...♘xe5.

41. 1...dxe4.

42. 1...♕xg5.

43. 1. ♗xb5.

44. 1. exf5.

45. 1. ♗xg5.

46. 1. ♘xe5.

47. 1. cxb5.

48. 1. ♘xb5.

49. 1...♗xa3.

50. 1...♗xh3.

51. 1...♗xb4+.

52. 1...♘xe4.

53. 1...♗xg4.

54. 1...♘xb4.

55. 1. ♗xa8.

56. 1. ♕xa8.

57. 1. ♗xh8.

58. 1. ♕xh7.

59. 1. ♘xa7.

60. 1. ♗xh7.

61. 1...♗g4+.

62. 1...♘d4+.

63. 1...♗b4.

64. 1...♘xc2+.

65. 1...♗g4+.

66. 1...♗b4+.

67. 1...b6.

68. 1...♗d6.

69. 1...♘f6.

70. 1...b5.

71. 1...e5.

72. 1...♗b4 2. ♕xb4 ♘c2+.

73. 1...♘xh5.

74. 1...g6.

75. 1...d5.

76. 1...g6.

77. 1...♗g4.

78. 1...♘d4 and 2... ♘xc2+.

79. 1. ♕xe5+ and 2. ♕xh8.

80. 1. e5.

81. 1. ♗xh6, and if 1... gxh6 then 2. ♕xf7#.

82. 1. ♕xe5+.

83. 1. ♘xc7+.

84. 1. ♘d5 ♕d8 2. ♘b6 g6 3. ♕f3.

85. 1. ♘e2.

86. 1. ♗e1.

87. 1. ♗f4 ♕e7 2. ♗xb8, when 2...♕xe2 3. ♖e1 is good for White.

88. 1. ♗c4.

89. 1. ♕c4.

90. 1. ♗f1.

91. 1...♕h4+ 2. g3 (2. ♔e2 ♕xe4#) 2... ♕xe4+.

92. 1...g2+ 2. ♘xh4 gxh1♕.

93. 1...♗e6, and 2. ♘h4 ♗xh4+.

94. 1...♗a4.

95. 1...♕e7 2. d4 (2. ♘f3 ♕xe4#) 2...d6.

96. 1...♗f6 2. ♕g3 ♗h4.

97. 1. ♕xe5+.

98. 1. ♕d5.

99. 1. f4.

100. 1. ♕e5+.

101. 1. ♗b5 ♕xb5 2. ♘xc7+.

102. 1. ♖d8+ ♔xd8 2. ♕xe4.

103. 1...♗b4.

104. 1...♘xe4.

105. 1...♘f3+.

106. 1...♕f6.

107. 1...♘d4 2. ♕xb4 ♘xc2+.

108. 1...♗xf2+ 2. ♕xf2 (2. ♔xf2 ♘xe4+) 2...♘d3+.

109. 1. ♗g5, and if 1...♕f5(g6) then 2. ♕d8#.

110. 1. ♘e5, when 1... dxe5 2. ♕d8# and 1... ♕h7 2. ♗xf7# win for White.

111. 1. ♕d4.

112. 1. exf6.

113. 1. ♘d5 ♘xd5 2. exd5.

114. 1. ♖g3.

115. 1. dxe5+ ♕xe5 2. ♗f4.

116. 1. ♗xc5.

117. 1. ♘e6.

118. 1. ♕xd6, and if 1...cxd6 then 2. ♗xf7#.

119. 1. ♕xf7+ ♔xf7 2. dxc6+, with the idea of 3. cxb7 and 4. bxa8♕.

120. 1. ♖d1.

121. 1...♕a5+.

122. 1...♕xe4+, and if 2. ♗e2 then 2... ♘f3#.

123. 1...♗b4+ 2. c3 ♕xd4.

124. 1...♗xc3.

125. 1...a6.

126. 1...♗g4 2. ♕d2 e3, and if 3. ♕c3 e2#.

127. 1. c3.

128. 1. exd6+.

129. 1. ♕f3.

130. 1. a3 ♗a5 2. ♗d2.

131. 1. ♕e2+, when both 1...♘e7 2. ♘f6# and 1...♗e7 2. ♘f6+ ♔f8 3. ♗h6# are good for White.

132. 1. ♘g5, and if 1... ♕xg5 then 2. ♕d5#.

133. 1. ♕xe5+.

134. 1. ♕h5+.

135. 1. ♕d5.

136. 1. ♗h5.

137. 1. d4, threatening 2. ♗c4+.

138. 1. g3.

139. 1. ♘xc7+.

140. 1. ♘g5+.

141. 1. ♘xf6+.

142. 1. ♖xe5+.

143. 1. ♗f4 with the idea of 2. ♘xc7+.

144. 1. ♗b5 ♕xb5 2. ♘xc7+.

145. 1. ♘f7+.

146. 1. ♘xg6.

147. 1. ♕d4+.

148. 1. ♘e6+.

149. 1. ♘g6+.

150. 1. g7+.

151. 1...♘xc2+.

152. 1...♘xf2+.

153. 1...♘e3+.

154. 1...♖g4 2. ♕h3 ♖xe4+.

155. 1...♗d7 2. ♕xb4 ♘xc2+.

156. 1...♘f4, and White has to give up his queen, as 2. f3 ♕e2 doesn't save him.

157. 1. ♘d5.

158. 1. ♘e6+.

159. 1. ♗g5.

160. 1. ♗b5.

161. 1. a5 ♕xb2 2. ♗c3.

162. 1. ♘e5 ♕h7 2. ♘xf7+.

163. 1...d5 with the idea of 2...♗c5.

164. 1...a6.

165. 1...♕e5.

166. 1...♘b6 2. ♕xd8 ♖xd8.

167. 1...♘c5 2. ♗xf7+ (2. ♕a3 ♘d3) 2...♕xf7.

168. 1...c5 with the idea of 2...c4.

169. 1. e5.

170. 1. exf6.

171. 1. ♕h5 h6 2. ♘xf7, and ♗lack must give up the exchange, as 2...♕e8 3. ♘xh6+ leads to a quick mate.

172. 1. ♕d5 ♗b4+ (1...d6 2. ♕xf7+ ♔d7 3. ♕xg7) 2. c3.

173. 1. ♕d5, and 1... ♘c6 2. ♕xf7#.

174. 1. ♕e2.

175. 1. ♘c6+.

176. 1. c3 dxc3 2. bxc3.

177. 1. g4.

178. 1. ♕e2 ♕e7 (1... d5 2. d3) 2. ♘d5.

179. 1. ♗xc6.

180. 1. ♘e6+.

181. 1...♕a5+.

182. 1...♗xf2+ 2. ♔e2 ♗g4+.

183. 1...♗c5.

184. 1...♗f6.

185. 1...♗b7 2. ♕xa7 ♗c5.

186. 1...♘g3.

187. 1. ♘xc6 bxc6 2. ♗xc5.

188. 1. a5.

189. 1. ♘h4.

190. 1. ♘xc6.

191. 1. ♗xc5 ♕xc5 2. ♕d4 ♕xd4 3. cxd4.

192. 1. 0-0-0+.

193. 1. ♕d5.

194. 1. ♗xc6+.

195. 1. ♕h5 h6 2. ♘xf7.

196. 1. ♘xd5 ♘xf3++ 2. ♔f1.

197. 1. ♕xd8+ ♔xd8 2. ♘xf7+.

198. 1. ♘xe6, and if 1...♕xe6 then 2. ♘c7#.

199. 1. c7+.

200. 1. ♖xe4+.

201. 1. ♘xe6 fxe6 2. ♕h5+.

202. 1. ♘h4 with the idea of 2. ♘f6+.

203. 1. ♗xf7+ ♔xf7 (1...♔e7 2. exf6+) 2. ♕xe4.

204. 1. ♘f6+ ♗xf6 2. ♕xd5.

205. 1...♗g4.

206. 1...♕h4+.

207. 1...♗a6+.

208. 1...♗g4.

209. 1...♘e3+.

210. 1...♘e7 (but not 1...♘b4 2. ♗g5 ♕xd5 3. ♖d4).

211. 1. ♗h6 g6 2. ♗xf8.

212. 1. ♕e4.

213. 1. ♗a3.

214. 1. ♘xd4.

215. 1. ♗b2.

216. 1. ♗a3.

217. 1...♗g4, when 2. ♕g3 doesn't save White because of 2... ♕xg3.

218. 1...♕c4, and if 2. ♗b3 then 2...♘e2+ 3. ♔h1 ♘g3+.

219. 1...♗xc3+.

220. 1...♘g4, and because of the threat of 2...♕h4 White has to give up his queen.

221. 1...♘c7.

222. 1...♗g4, and it's impossible to play either 2. ♕xg4 ♕g1# or 2. hxg4 ♕h4#.

223. 1. ♘xb6 axb6 2. d5 ♘a5 3. ♗d3 ♗g4 4. b4.

224. 1. ♕a4+ ♘c6 2. d5.

225. 1. b4 ♗b6 2. a5.

226. 1. ♘xb6.

227. 1. ♘d5.

228. 1. ♘c3.

229. 1...♗g4.

230. 1...♗xf3 2. ♗xd8 ♗xd1.

231. 1...♗h3.

232. 1...♗xh3, and White can't play 2. ♕xa8 because of 2... ♕g3 followed by mate.

233. 1...♗g4.

234. 1...h4.

235. 1. ♗a3.

236. 1. ♕e2 ♕xe2+ 2. ♔xe2.

237. 1. ♕a4+.

238. 1. ♗xf6 ♕c8 2. ♘xb6 cxb6 3. f3.

239. 1. e5.

240. 1. ♕d5.

241. 1. ♕c4.

242. 1. ♘e6.

243. 1. ♘xe5, when 1...♗xd1 2. ♗xf7# is good for White.

244. 1. ♖e7+ ♗xe7 2. ♘e5+.

245. 1. ♘d5.

246. 1. e5.

247. 1...c6 2. ♘c4 (2. ♗c4 ♕a5+) 2...d5.

248. 1...♕a5+.

249. 1...e4 2. ♘xe4 ♗xc6 3. ♘xf6+ ♕xf6.

250. 1...♘xd4 2. ♕xd4 c5 3. ♕d5 ♗e6 4. ♕c6+ ♗d7 5. ♕d5 c4.

251. 1...♗b4+ 2. c3 ♕xb5.

252. 1...♘h5.

253. 1. ♘xd4 exd4 2. ♖e1 f5 3. f3.

254. 1. ♕e2.

255. 1. d5.

256. 1. ♘xe6 with the idea of 2. ♖xe4.

257. 1. ♗c7, and 1... ♕xc7 2. ♕f7+ with mate.

258. 1. ♕d4, and if 1... ♗xd4 then 2. ♘d6#.

259. 1. ♗b5.

260. 1. d4 ♕h4+ 2. g3.

261. 1. ♗b5 ♕xb5 2. ♘xc7+.

262. 1. ♘c4 ♕a6 (1... ♕b4 2. a3) 2. ♘d6+ ♔d8 3. ♘xf7+.

263. 1. b4 ♕xb5 2. ♘xc7+.

264. 1. cxb7+.

265. 1...♕e5+.

266. 1...♘f6.

267. 1...♗d7+.

268. 1...♗xc3+.

269. 1...♗g6.

270. 1...♘e5, and if 2. ♗xe5 then 2...♕d2#.

271. 1. ♕a4+.

272. 1. ♗xc6+.

273. 1. ♕xg4.

274. 1. ♘e6+.

275. 1. ♘e5, and if 1... ♗xa4 then 2. ♗xf7#.

276. 1. axb4 ♕xa1 2. ♘b3.

277. 1...b5 2. ♗b3 c4.

278. 1...a6 2. ♘a3 b5 3. ♘b2 b4.

279. 1...♗b4+ 2. ♔d1 ♗g4.

280. 1...♕xc3.

281. 1...♘b3+ 2. ♔b1 (2. axb3 ♖a1#) 2...♘xd2+.

282. 1...♘d4 2. hxg4 (2. ♘xd4 ♕h2#) 2... ♘xe2+.

283. 1. ♗xf7+.

284. 1. f5 ♘xe5 2. d4.

285. 1. ♕xd7+ ♗xd7 (1...♔xd7 2. 0-0-0+) 2. ♘c7+.

286. 1. ♗b6.

287. 1. ♗d5, when 1... exd5 2. exd5+ wins the black queen.

288. 1. ♘d5, and if 1... ♕xd2 then 2. ♘c7#.

289. 1...♕e5+.

290. 1...♗xh6, and if 2. ♕xh6 then 2...g5 and 3...♘g8.

291. 1...♘c3.

292. 1...f5 2. ♕xc6+ (2. ♕e3 ♘g2+) 2... bxc6.

293. 1...e3 2. ♗(♕)xe3 cxd4.

294. 1...♗xe4 (1... ♘xe4 2. ♗g2 ♖b8 isn't bad either), and if 2. ♘xe4 then 2... ♕xc2#.

295. 1. ♘h4.

296. 1. c4.

297. 1. h3 ♘xe5 2. ♘xe5, and 2...dxe5 3. ♗xf7+ wins the black queen.

298. 1. ♘b6 ♕c6 (1...♕xb3 2. axb3) 2. ♘xa8.

299. 1. ♗xg4 ♗xg4 (1...♘xd4 2. ♗xc8; 1...♗xd4 2. ♗xc8 ♗xc3 3. ♗xb7)

2. ♘xc6 ♗xd1 3. ♘xd8.

300. 1. ♘d5 ♗e7 (1... ♕a5+ 2. ♗d2) 2. ♘bc7+.

301. 1. e5.

302. 1. e5.

303. 1. e5.

304. 1. ♗d3.

305. 1. ♗xa6 ♘xa6 2. ♕a4+.

306. 1. ♕a4.

307. 1...b5 2. ♗b3 c4.

308. 1...g5 2. ♕xg5 ♗h6.

309. 1...♘xd4, and 2. ♕xd4 ♗c5.

310. 1...axb5 2. ♕xa8 ♘b6 traps the queen.

311. 1...♕b6, and, for example, 2. ♘b3 ♗xf2+ 3. ♔d2 ♕e3#.

312. 1...♕e5.

313. 1. ♗g5.

314. 1. ♗b5+.

315. 1. ♘c6.

316. 1. g4 with the idea of 2. g5.

317. 1. ♘g5, and the threat of mate forces Black to give up his queen.

318. 1. ♗g5 ♗xf3 2. ♕c1 (but not 2. ♕d2 ♗b4) 2...♗b4+ 3. ♔f1, and the threat of mate forces Black to give up his queen.

319. 1. g4 ♗e4 (1... ♗g6 2. h5 ♗e4 3. f3) 2. f3 ♗g6 3. h5.

320. 1. ♘e6, and 1... fxe6 2. ♕h5+.

321. 1. ♘a4.

322. 1. ♖c3.

323. 1. fxe7+ ♔xe7 2. ♗g5+.

324. 1. ♕f1.

325. 1...b5.

326. 1...b6.

327. 1...f5 and 2...f4.

328. 1...♗xb1, and if 2. ♖xb1 then 2... ♗b4.

329. 1...gxf2+.

330. 1...♕xe5+ 2. dxe5 gxh2.

331. 1. ♕a4+.

332. 1. ♘e6.

333. 1. ♘e6, when 1... fxe6 2. ♕h5+ leads to checkmate.

334. 1. axb6 ♗xd1 2. ♖xa7.

335. 1. ♕xg4.

336. 1. d5 a6 2. dxc6 axb5 3. cxb7 ♗xb7 4. ♕xg4.

337. 1...b5.

338. 1...♗c6.

339. 1...♕h4+.

340. 1...♘b3+.

341. 1...♗h6.

342. 1...♕a5, and if 2. ♕xa5 then 2...♘c2#.

343. 1. b4.

344. 1. f4.

345. 1. e5.

346. 1. ♘xf6+.

347. 1. ♕e5.

348. 1. ♗xg8, threatening 2. ♗g5+.

349. 1...♗xg2.

350. 1...♘f3+.

351. 1...♗xc3+ (1... ♘xc3 2. bxc3 ♗xc3+ 3. ♗d2 is weaker) 2. bxc3 ♘xc3.

352. 1...♘f6 and 2... ♗xg2.

353. 1...♘8c6 2. ♘a3 (2. a3 ♘c2+ 3. ♔d1 ♘xa1) 2...♖b8.

354. 1...a6 2. e6 (2. d5 ♘a5; 2. ♗xa6 ♖b8) 2...♖a7.

355. 1. e5.

356. 1. f3.

357. 1. g3.

358. 1. ♗g6+.

359. 1. ♕xd5 ♕xd5 2. ♘xc7+.

360. 1. ♖d8+ ♔xd8 2. ♘xf7+.

361. 1...♘xh5.

362. 1...♕h4+ 2. ♔e2 (2. g3 ♘xg3) 2... ♘g3+ 3. hxg3 ♕xh1.

363. 1...♕xd4.

364. 1...b5.

365. 1...♘xe4, and if 2. ♗xd8 ♗xf2+ 3. ♔e2 ♘d4#.

366. 1...♘d3+.

367. 1...♗e6 2. ♕xb4 ♘c2+.

368. 1...♗d7.

369. 1...♘xd3+.

370. 1...♕xd3 threatening 2...♕d1#.

371. 1...dxe3.

372. 1...♖g8 2. ♕h6 ♗f8.

373. 1...♕xe4+.

374. 1...h6.

375. 1...♖xh4, and if 2. gxh4 then 2... ♕xh4#.

376. 1...♗xh2 (1... ♘xh2 2. e4 is weaker) 2. ♖xh2 ♘xh2.

377. 1...♘e3.

378. 1...♕xh2.

379. 1. axb4.

380. 1. ♗e5.

381. 1. ♗xg7.

382. 1. ♕xg6+.

383. 1. ♗f7+, and 1... ♔xf7 then 2. e6+.

384. 1. ♖xc8 ♕xc8 2. ♘d6+.

385. 1...♕e5+.

386. 1...♘xf2, and if 2. ♕xf2 then 2...♗g3.

387. 1...♕xc1+.

388. 1...♖xa1.

389. 1...♕xa3 2. ♕xa3 ♘c2+.

390. 1...♘xd2 2. ♕xd2 dxc4.

391. 1. ♗xg8 ♖xg8 2. ♕c4.

392. 1. ♕b3 ♕e7 2. a3.

393. 1. ♘c7+ ♔d8 2. ♗g5+.

394. 1. e3 ♘f5 (1... ♘b5 2. ♕a4) 2. ♕g4.

395. 1. ♗h3.

396. 1. ♘g5 ♗xg5 (1...♗xg2 2. ♕h7#) 2. ♗xb7.

397. 1...♘a3 2. ♕xb3 ♘xb1+.

398. 1...♘g4, and if 2. ♕xg4 then 2...♕d4#.

399. 1...♘e3+.

400. 1...♕xc3+.

401. 1...♖xa4 2. bxa4 ♗b4.

402. 1...♘xd7 2. ♗xg2 (2. ♗xd8 gxh1♕) 2...♕xg5

403. 1. e4 ♗xe4 2. ♕a4+.

404. 1. ♕xh5, and if 1...♘xh5 then 2. ♗xf7#.

405. 1. ♘e5.

406. 1. ♕a4+.

407. 1. ♘f6+.

408. 1. ♗xe7 ♕xe7 2. ♘f6+ ♕xf6 (2...♔h8 3. ♘xd5+) 3. ♕xf6.

409. 1...d3.

410. 1...♕a5+.

411. 1...♘xd3+.

412. 1...♗xa3 2. ♘xa3 ♕a5+.

413. 1...♕d4.

414. 1...c3 2. ♕xd6 cxd6.

415. 1. ♘c4.

416. 1. ♗g5 f6 2. exf6 ♘f7 3. fxg7.

417. 1. ♘xd6+ exd6 2. ♗b5+.

418. 1. ♖a1 ♕b2 2. ♗c3.

419. 1. ♕d5.

420. 1. ♕xc6+.

421. 1...♘e3, and 2. fxe3 ♕h4+.

422. 1...e5, and if 2. ♗xe5 then 2...♕a5+.

423. 1...♘xd2 (2. ♘xd2 ♗xd2+).

424. 1...♕a5+.

425. 1...♘d3+.

426. 1...♕h6 2. ♕e3 (2...♕c1# was threatened) 2...♕xh4.

427. 1. b4 ♗b6 2. c5.

428. 1. ♕h5+.

429. 1. b4.

430. 1. ♕h5 with the idea of 2. ♘g6#.

431. 1. ♕d2(e1).

432. 1. ♗h3.

433. 1...♕e8 threatening 1...♕xa4 and 1...♘f3++.

434. 1...exf3 2. ♗xd8 ♗b4+.

435. 1...e5 2. dxe5 ♗f5.

436. 1...♖xf3, when 2. gxf3 ♕g5+ 3. ♔h1 ♕g4(h5) is good for Black.

437. 1...♗g4.

438. 1...c4 2. ♕b4 (2. ♕b5 a6) 2...♗f8.

439. 1. ♕f3.

440. 1. ♘e5, threatening 2. ♕h5+.

441. 1. ♗c7.

442. 1. ♕xb4.

443. 1. ♘d6+ ♗xd6 2. ♘xe4.

444. 1. ♖xa7, and if 1...♖xa7 then 2. c7.

445. 1...♗b4+ with the idea of 2...♕xc4.

446. 1...♘xd5 2. ♗xd8 ♗b4+.

447. 1...♕xf6 2. ♗xf6 ♗b4+.

448. 1...♗a4.

449. 1...d4 with the idea of 2...♗b4.

450. 1...♗g4, and if 2. hxg4 ♕d3#.

451. 1. ♕a4+.

452. 1. ♗xc4 ♘xc4 2. ♕e4+.

453. 1. ♘g5.

454. 1. ♘e5, and if 1...♘xe5 then 2. ♕xb7#.

455. 1. ♘xd4 ♕xd4 (1...♗xe2 2. ♕a4+) 2. ♕xd4 ♗xd4 3. ♗xg4.

456. 1. e6 fxe6 2. ♕g6+ ♔d8 (2...♔e7 3. ♕f7+ is even worse) 3. ♘f7+.

457. 1...♕xd4.

458. 1...♗b4.

459. 1...g5 2. a3 ♗e7.

460. 1...♗b4+, and if 2. ♔e2 then 2...♕e4#.

461. 1...♕xg5 2. ♘xc6 (2. ♘xg5 ♗b4+) 2...♗xf3.

462. 1...exf2+ 2. ♔e2 fxg1♘+ 3. ♔e1 ♕h4+.

463. 1. b4 ♗b6 2. c5.

464. 1. ♘d5 ♕d6 2. c5.

465. 1. bxc5.

466. 1. ♖a(f)e1.

467. 1. e4.

468. 1. ♕d5 f5 2. exf6.

469. 1...♗b4+.

470. 1...♗e5 2. ♕g5 ♕xg5 3. ♗xg5 ♗xb2.

471. 1...♗b4.

472. 1...♕a5+ 2. ♕d2 ♗b4.

473. 1...♗a4.

474. 1...♘c5.

475. 1. ♗e5.

476. 1. ♗h6 ♘c6 (1...♖e8 2. ♗b5; 1...♘xc3 2. ♖d3) 2. ♗xf8.

477. 1. ♖a5.

478. 1. ♖b3 ♕a4 2. ♗b5.

479. 1. ♘b6 axb6 (1...♕xb6 2. ♗a5) 2. ♕xa8.

480. 1. ♗h6 (1. ♕xd5 ♗xc3+ is bad for White).

481. 1...♗c3.

482. 1...♗xe4.

483. 1...♘e5, and if 2. dxe5 then 2...♕xd1#.

484. 1...♕g4 2. ♗xe7 ♗xe2.

485. 1...a5 2. ♕xe7 (2. ♕a3 b4) 2...♖e8 3. ♕a3 b4 or 3...♗f8.

486. 1...♕xa2 2. ♖xa2 ♘xa2.

487. 1. ♕xd8 ♕xd8 2. ♘e4 (2. ♘d5 ♖d6 3. ♘xc7 ♖b8) 2...♘xe4 3. ♗xd8.

488. 1. ♗xf6 ♘xc4 (1...♗xf6 2. ♘d5 ♕xd2 3. ♘xf6+) 2. ♕f4.

489. 1. ♗h5 ♖f7 2. ♘xf5.

490. 1. ♗e7, and if 1...♖xe7 then 2. ♘xf6+.

491. 1. ♖xh5, when 1...gxh5 2. ♕g5+ leads to checkmate.

492. 1. ♘d5, and if 1...♕xd2 then 2. ♘xe7#.

493. 1...f4.

494. 1...♗xd4+, and if 2. ♕xd4 then 2...♕xe1#.

495. 1...e5 2. dxe5 dxe5 3. ♗g3 e4.

496. 1...h6 2. ♘gxe4 (2. ♘cxe4 hxg5) 2...♘xe4 3. ♘xe4 ♗xb2.

497. 1...g5 2. ♗xg5 (2. ♕h5 ♗g4) 2...fxg5.

498. 1...♕xe4, and if 2. ♘xe4 then 2...♘f3+ 3. ♔f1 ♗h3#.

499. 1. ♕d1.

500. 1. ♕a4.

501. 1. d6 ♗xg2 2. dxe7 ♕xe7 3. ♔xg2.

502. 1. ♕d5 ♕xd5 (1...♘c6 2. ♕xc6) 2. ♘xe7+.

503. 1. ♘xf7, and if 1...♔xf7 then 2. ♕xe6#.

504. 1. ♕e4+ ♔d8 2. ♘c3 ♘xc3 3. ♕xb7.

505. 1...♕xd2+ 2. ♔xd2 ♘e4+.

506. 1...♕xd4.

507. 1...♖c8.

508. 1...♘d4 2. ♕a4 ♗xc3.

509. 1...♘xe4, and if 2. ♕xe4 then 2...♗f5 traps the queen.

510. 1...♕xe2+ 2. ♔xe2 ♘xc3+.

511. 1. g3.

512. 1. ♕(♗)d2.

513. 1. ♘f3.

514. 1. ♘c3.

515. 1. ♗d2.

516. 1. ♗c3.

517. 1...g6.

518. 1...♘c6.

519. 1...♘c4.

520. 1...♘a6.

521. 1...♘d5.

522. 1...♕(♗)d7.

523. 1. ♕g3.

524. 1. ♗b5+.

525. 1. ♕c3.

526. 1. ♕h4.

527. 1. ♘c3 (1. ♕xb4 ♘c2+ is bad).

528. 1. ♕a3.

529. 1...♘a5.

530. 1...♘a6.

531. 1...b5.

532. 1...♘h5.

533. 1...♘xe5.

534. 1...d5.

535. 1. ♕d2 ♕f6 2. d4.

536. 1. ♗d2 (otherwise White loses a piece, for example, 1. ♗b2 ♕a5 2. ♕d2 ♘d5).

537. 1. ♗b2 (1. d4 cxd4 and 1. f4 d6 are unfavorable).

538. 1. e3 (1. ♕d3 ♗g7 is weaker), and if 1...h5 then 2. ♗e2 or 2. ♗d3.

539. 1. ♕e2.

540. 1. ♗xc6+.

541. 1...♘xc6.

542. 1...♘f3+ and 2...♗xb2.

543. 1...♘c3.

544. 1...axb5 2. ♕xa8 ♘c2+.

545. 1...♘e6 (1...♘f5 2. g4 ♗xb2 3. ♕xb2 is bad).

546. 1...♘f5.

547. 1. ♘f4.

548. 1. ♔d3.

549. 1. ♗a4.

550. 1. ♘c3.

551. 1. ♗xb5+.

552. 1. ♘c3.

553. 1...g6.

554. 1...♘g8.

555. 1...♘c5.

556. 1...♘c6.

557. 1...e6 (1...g6 2. ♕xc5 is worse).

558. 1...♘f6 (1...f6 2. ♕h5# is bad) 2. e5 ♘d5.

559. 1. ♕e2.

560. 1. ♗b5+.

561. 1. ♘c3.

562. 1. d4.

563. 1. ♕f3.

564. 1. ♕g4.

565. 1...♗g4.

566. 1...♘xe5 (1...♗xd1 2. ♗xf7# is bad).

567. 1...h6 2. ♗h4 g5.

568. 1...c6 (1...♘c6 2. d5 is bad).

569. 1...♗d7 (the correct defense against 2. d5).

570. 1...d5.

571. 1. ♕d3.

572. 1. ♕d1.

573. 1. ♕e2+.

574. 1. ♔d1.

575. 1. ♕b3.

576. 1. ♗xb5.

577. 1...♘fd7.

578. 1...♘xf6.

579. 1...♗xe5 2. ♘xe5 ♔a5+.

580. 1...♕d8 (1...♕xb5 2. ♘c7+ is bad).

581. 1...♗b4 2. ♗xb4 (2. ♕d2 ♕xa1) 2...♕xa1.

582. 1...♗g7 2. gxh7+ (2. ♕f5 ♘f6 also leads to sharp play) 1...♔f8.

583. 1. ♕d1.

584. 1. ♕f3.

585. 1. ♕d3.

586. 1. ♗b3.

587. 1. ♘c3.

588. 1. ♘d2.

589. 1...♕e7(f6).

590. 1...g6.

591. 1...♕g6.

592. 1...♕h3.

593. 1...♕f6.

594. 1...♕e7 (1...h6 2. exf6 hxg5 3. ♕e2+ is bad) 2. ♕e2 h6 3. ♗h4 g5.

595. 1. ♕f3 (after 1. ♕h5 ♘f6 White still has to move his queen to f3).

596. 1. ♘g1 (1. g4 ♘f6 is worse).

597. 1. ♗f3.

598. 1. ♖g1 (1. ♖f1 is passive).

599. 1. ♕g3.

600. 1. ♕h4.

601. 1...c6.

602. 1...♗b4+.

603. 1...♘f6.

604. 1...♕e7 (if, for example, 1...d5, then 2. d3).

605. 1...c6 (1...♘c6 2. d5 is bad).

606. 1...♕g6 (1...hxg5 2. hxg5 ♕xg5 3. ♖xh8 is worse).

607. 1. ♘f3.

608. 1. ♘xg5.

609. 1. c3.

610. 1. ♕c3 (1. ♕d5 ♘ge7 is bad).

611. 1. ♘xd5 ♗xh3 2. ♘xf6+.

612. 1. ♕xc8+.

613. 1...♗e7.

614. 1...♘xf3+.

615. 1...♘c6.

616. 1...♕d7.

617. 1...♗xc3+.

618. 1...♕xe2+ 2. ♔xe2 ♗d7.

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