

The official beginner's puzzle book series of the USCF  USCF

Chess CAMP

Elementary Endgames

Volume
4

Igor SUKHIN



Igor Sukhin

Chess Camp

Volume 4: Elementary Endgames



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Publisher: Mongoose Press

1005 Boylston Street, Suite 324

Newton Highlands, MA 02461

info@mongoosepress.com

www.MongoosePress.com

ISBN: 978-1-936277-27-8

Library of Congress Control Number: 2010932524

Distributed to the trade by National Book Network

custserv@nbnbooks.com, 800-462-6420

For all other sales inquiries please contact the publisher.

Editor: Jorge Amador

Typesetting: Frisco Del Rosario

Cover Design: Al Dianov

First English edition

0 987654321

Contents

Note for Coaches, Parents, Teachers, and Trainers	5
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Endgames with Three Pieces

King + rook vs. king	7
King + queen vs. king	11
King + pawn vs. king	15

Endgames with Four Pieces

King + piece vs. king + piece

King + rook vs. king + rook	34
King + rook vs. king + bishop	38
King + rook vs. king + knight	42
King + rook vs. king + queen	46
King + rook vs. king + pawn	53
King + queen vs. king + queen	61
King + queen vs. king + bishop	67
King + queen vs. king + knight	72
King + queen vs. king + pawn	77
King + bishop vs. king + pawn	84
King + knight vs. king + pawn	90
King + pawn vs. king + pawn	94

King + two pieces vs. king

King + two pawns vs. king	101
King + bishop + pawn vs. king	104
King + knight + pawn vs. king	106
King + bishop + knight vs. king	108
King + two knights vs. king	109

Solutions	110-114
-----------------	---------

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:

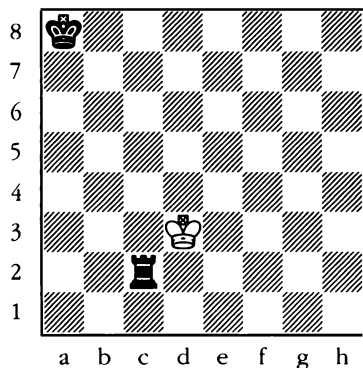
- enabling the student to learn the skills needed to play elementary endgames;
- revisiting the skills of attack and defense learned from previous *Chess Camp* volumes;
- gaining an understanding of the coordination between pieces; and
- discovering the hidden potential of the pieces in attack and defense.

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.

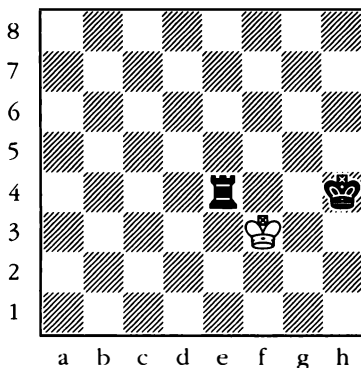
Endgames with Three Pieces

King + rook vs. king

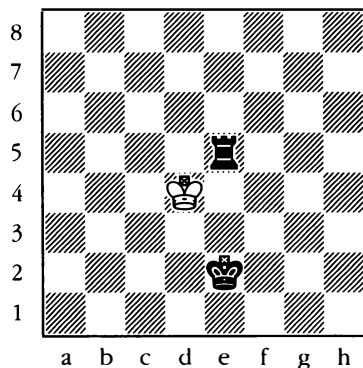
Black to move. Should Black move the king?
Watch out for king moves that lose a rook or deliver stalemate.



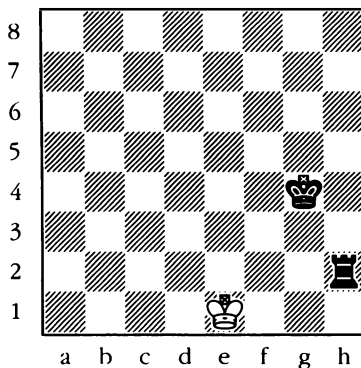
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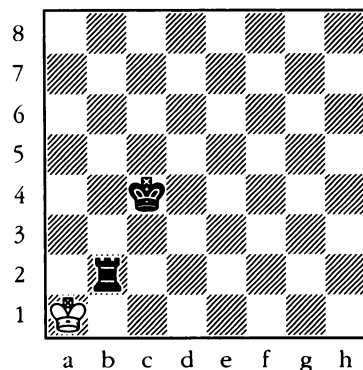
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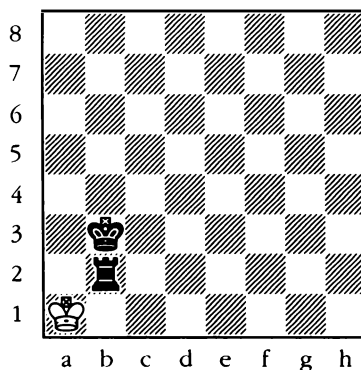
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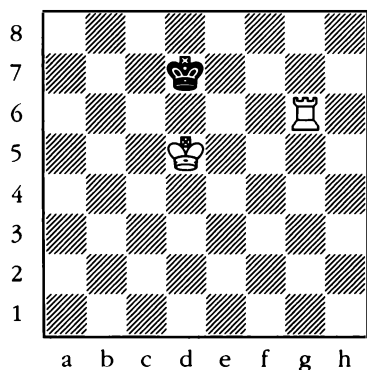
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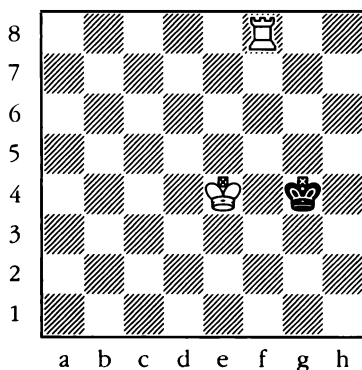
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King + rook vs. king

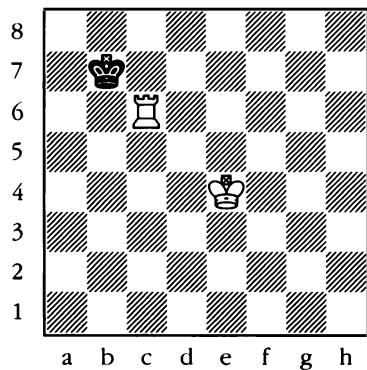
White to move. Force the black king to retreat to the last rank or the last file.



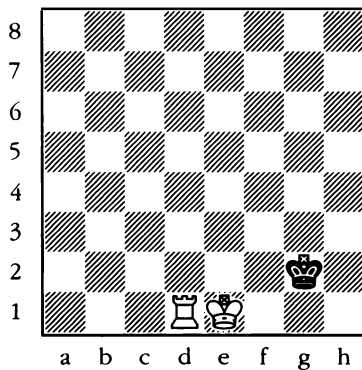
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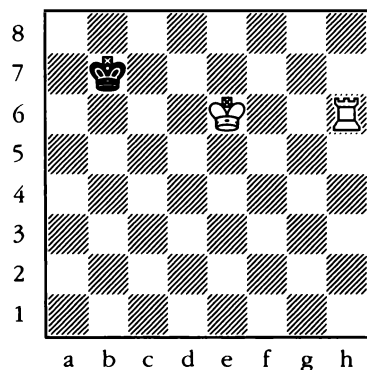
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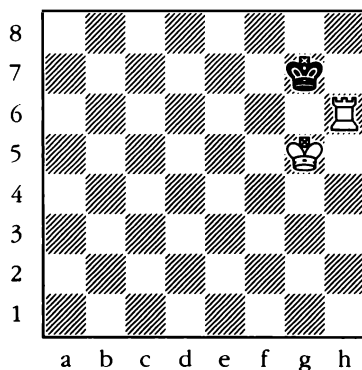
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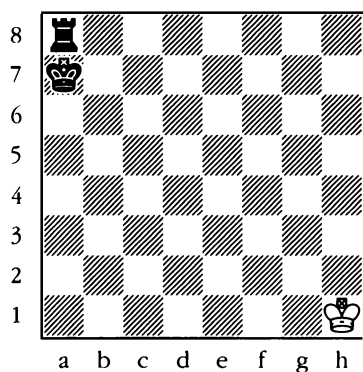
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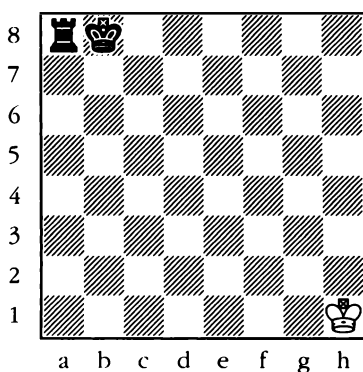
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King + rook vs. king

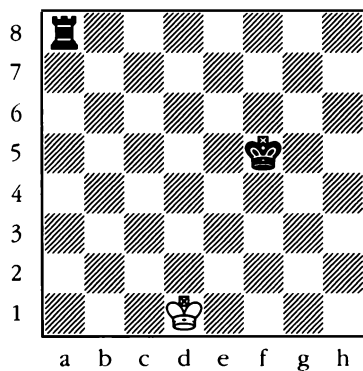
Black to move. Stop the white king from leaving the last rank or the last file.



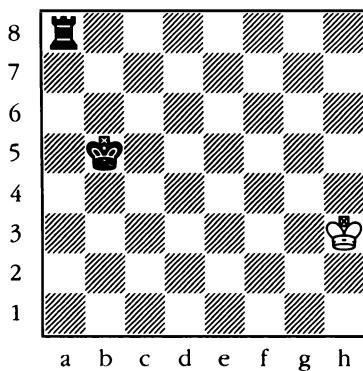
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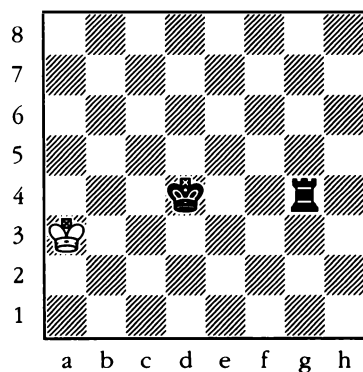
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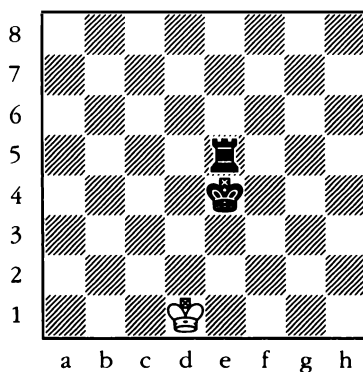
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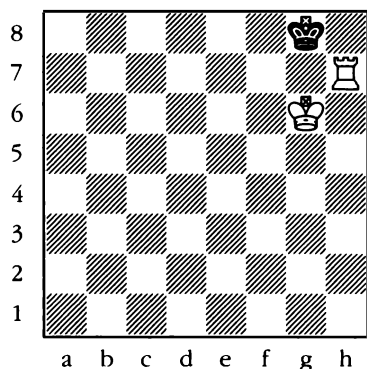
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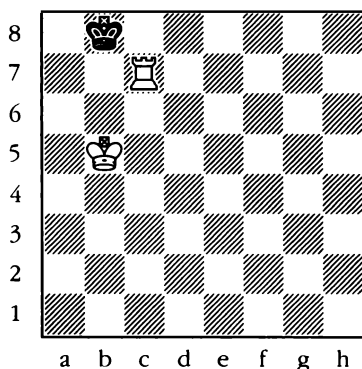
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King + rook vs. king

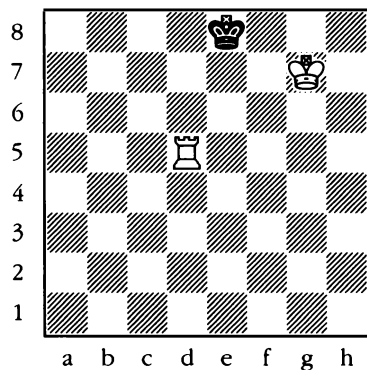
White to move. Checkmate in two moves.



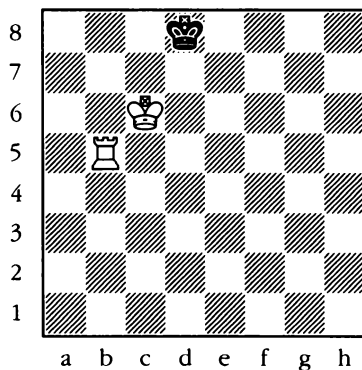
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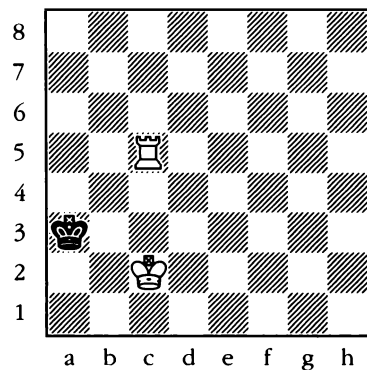
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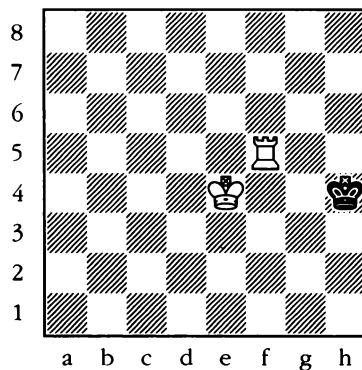
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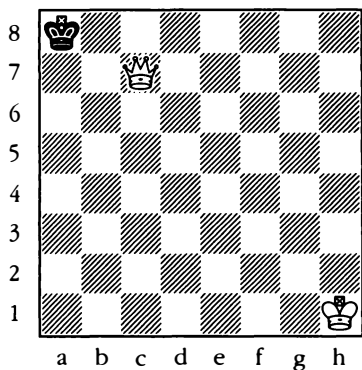
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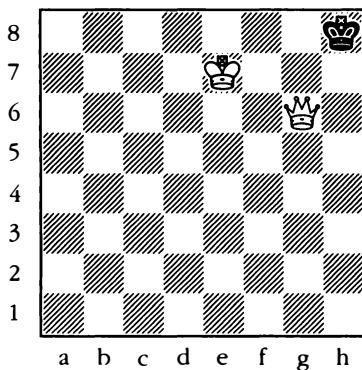
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King + queen vs. king

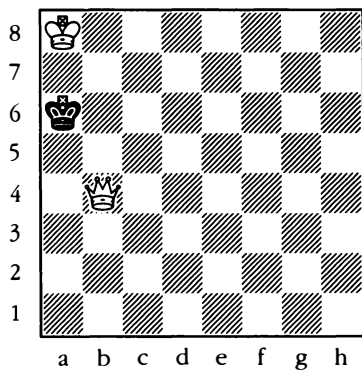
White to move. Is it best for White to move the king?



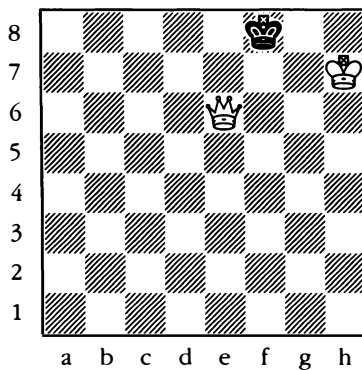
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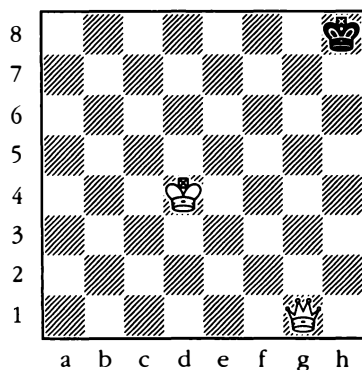
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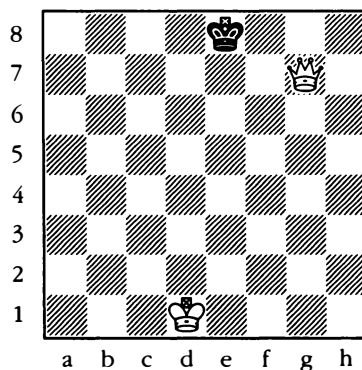
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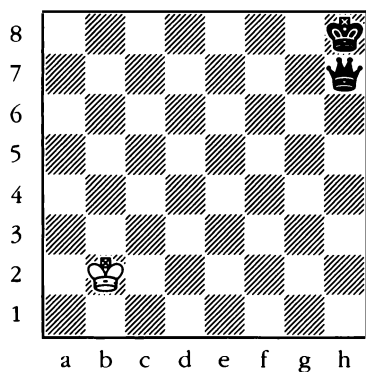
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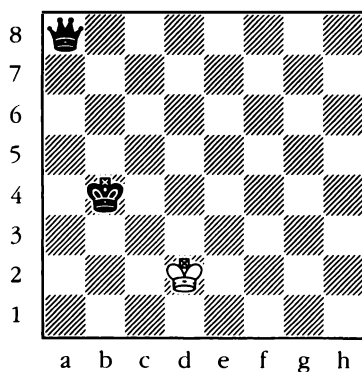
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King + queen vs. king

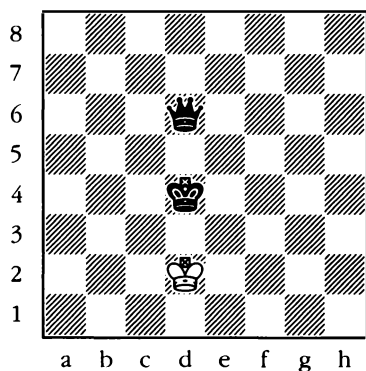
Black to move. Force White's king to retreat to the last rank or the last file.



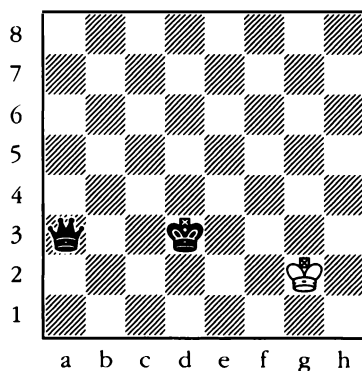
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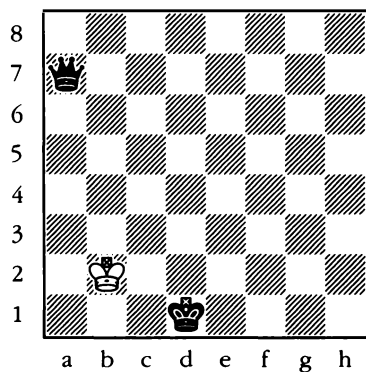
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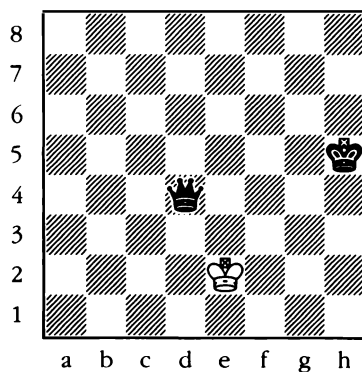
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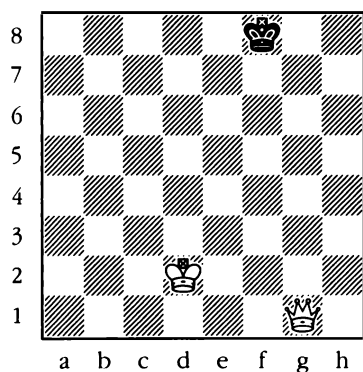
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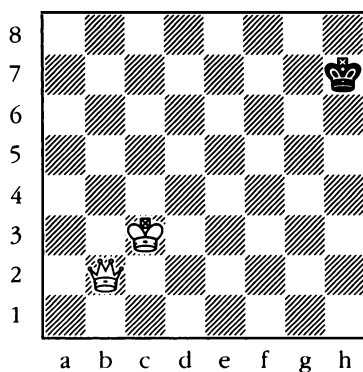
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King + queen vs. king

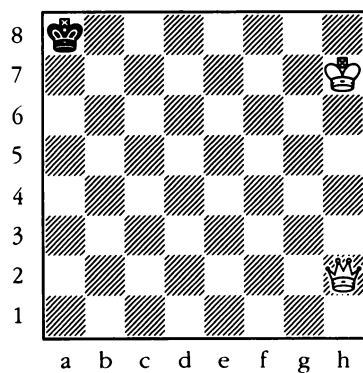
White to move. Stop the black king from leaving the last rank or the last file.
Watch out for stalemate.



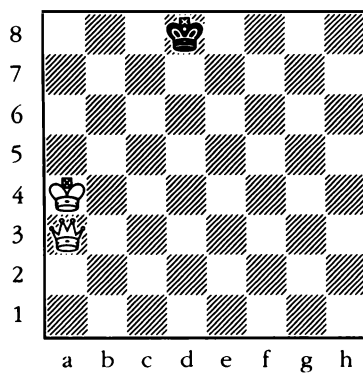
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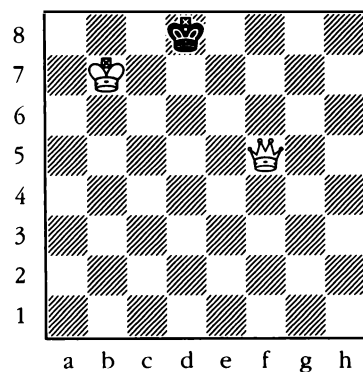
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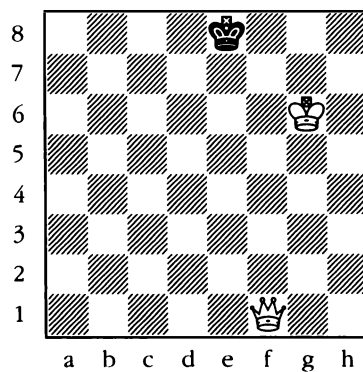
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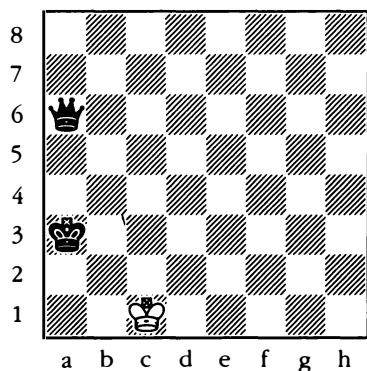
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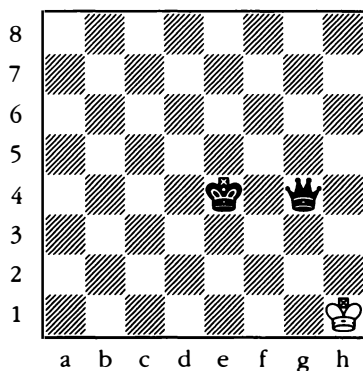
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King + queen vs. king

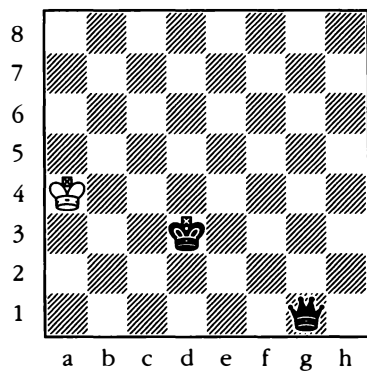
Black to move. Checkmate in two moves.



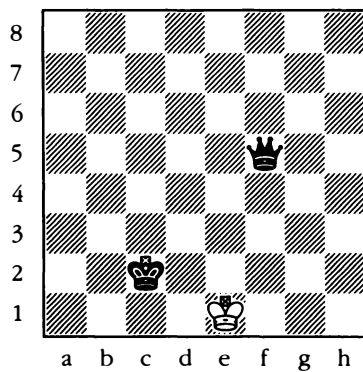
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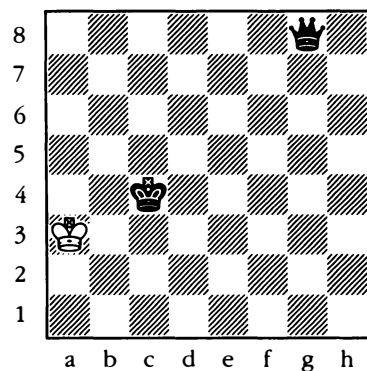
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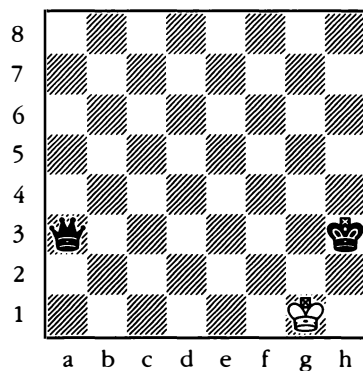
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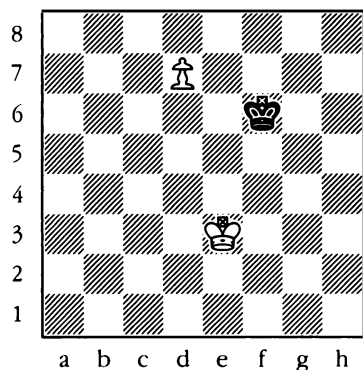
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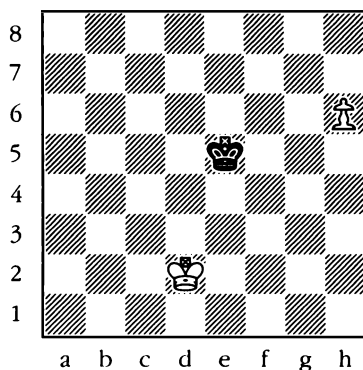
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King + pawn vs. king

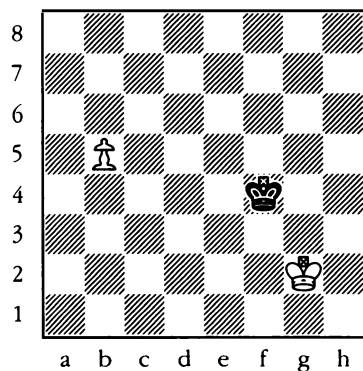
Black to move. Can the black king catch the white pawn?



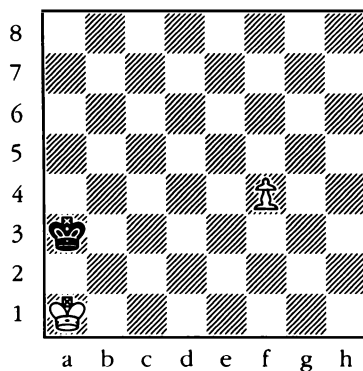
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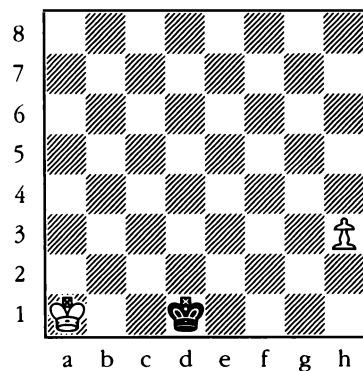
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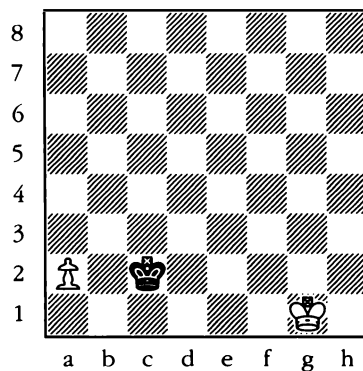
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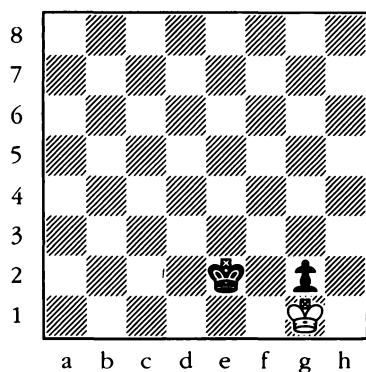


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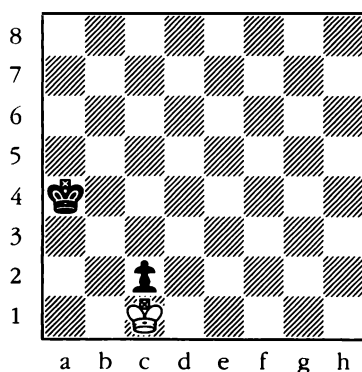
King + pawn vs. king

Black to move and win.

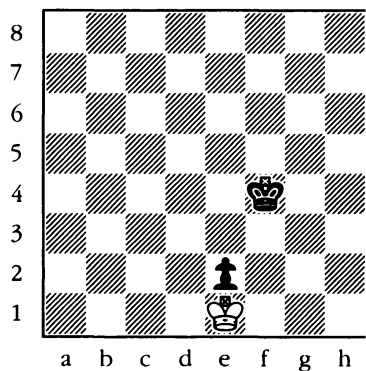
Black pawn on the second rank or white pawn on the seventh rank.



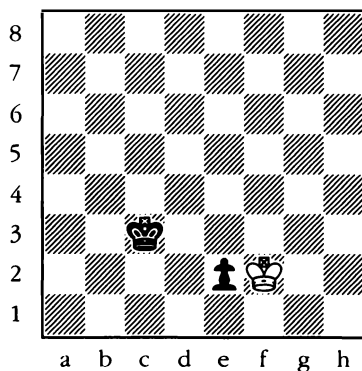
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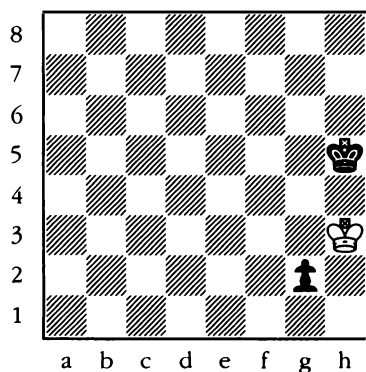
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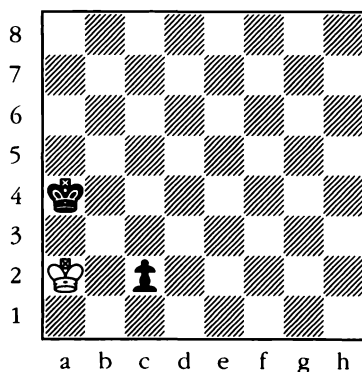
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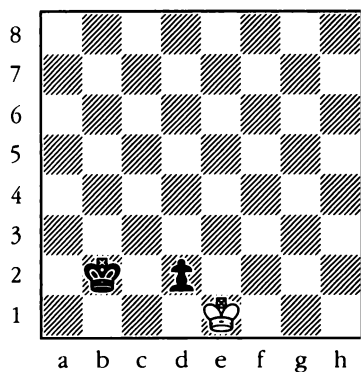
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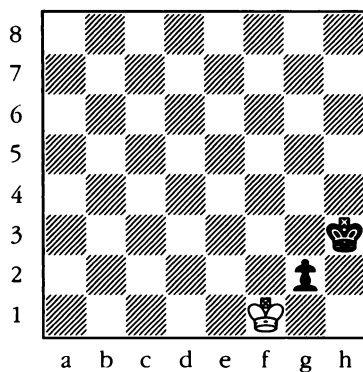
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King + pawn vs. king

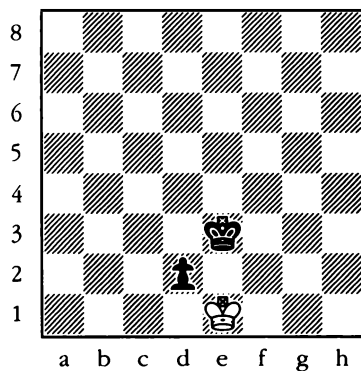
White to move. Make a draw.



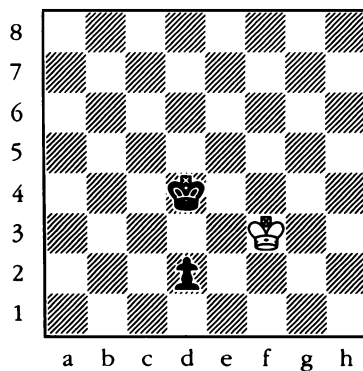
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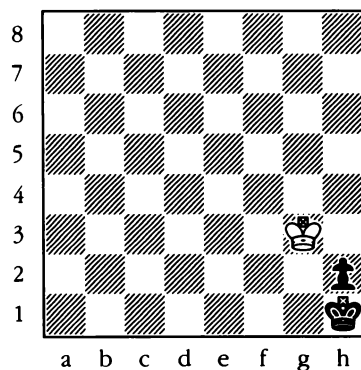
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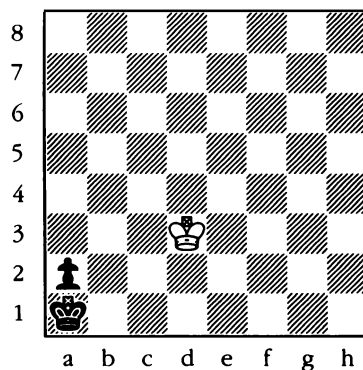
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64



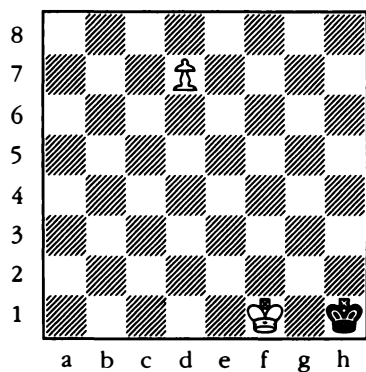
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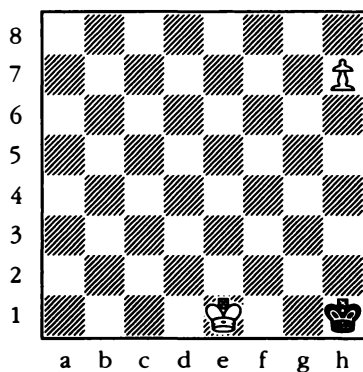
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King + pawn vs. king

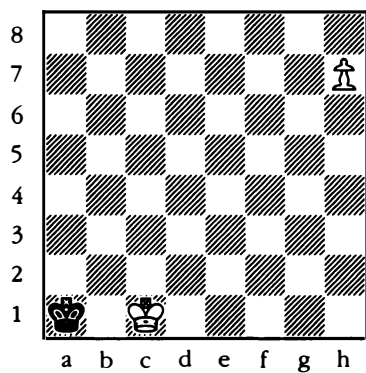
White to move. Checkmate in two moves.



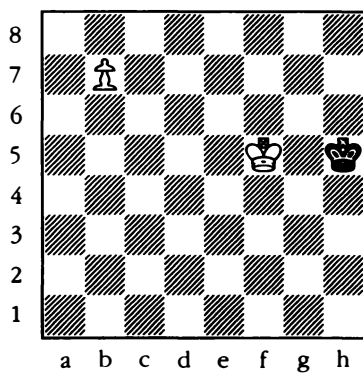
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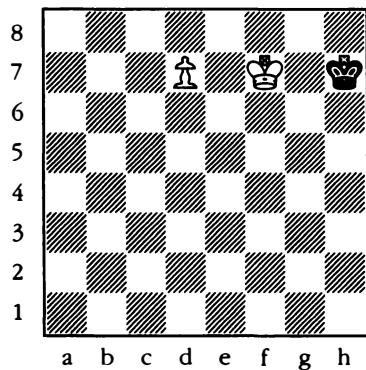
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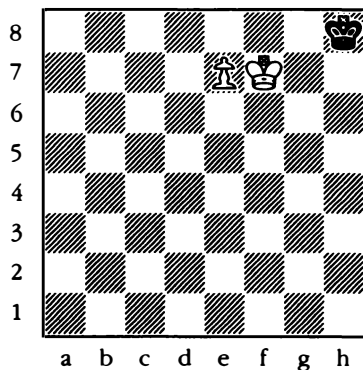
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70



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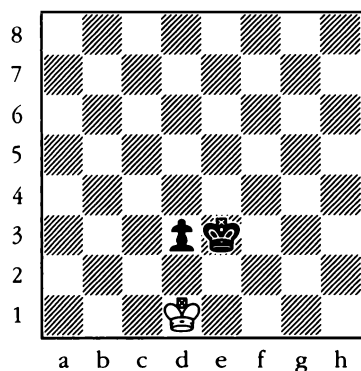


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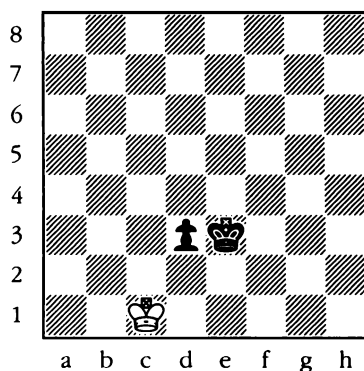
King + pawn vs. king

Black to move and win.

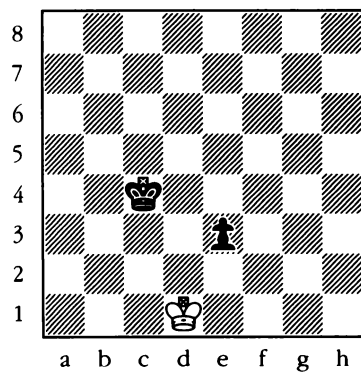
Black pawn on the third rank or white pawn on the sixth rank.



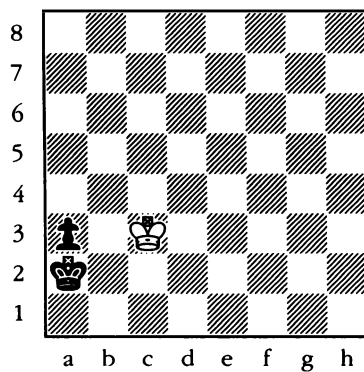
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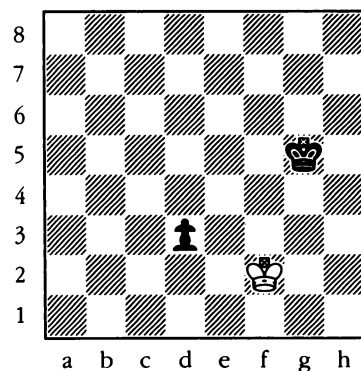
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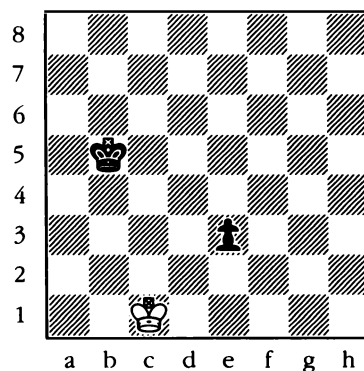
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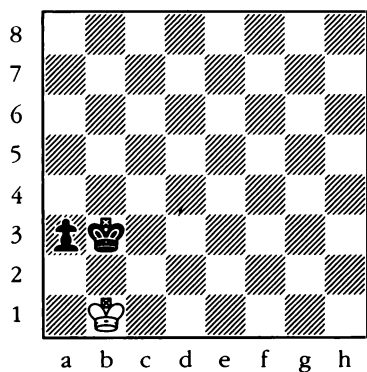
77



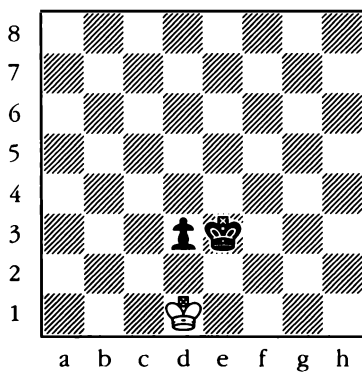
78

King + pawn vs. king

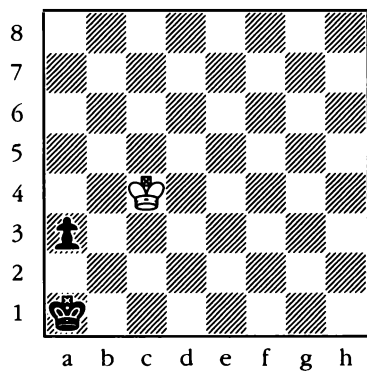
White to move. Make a draw.



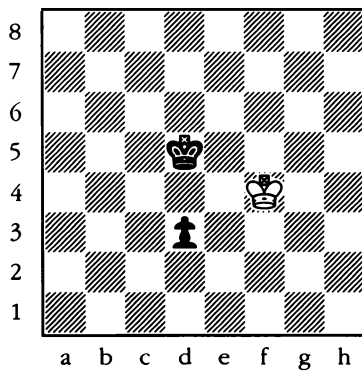
79



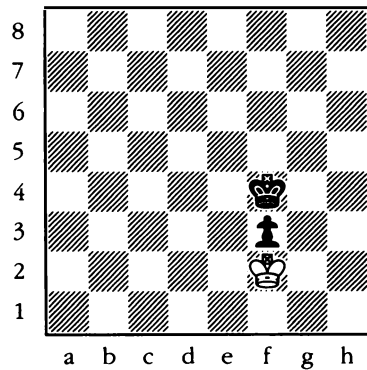
80



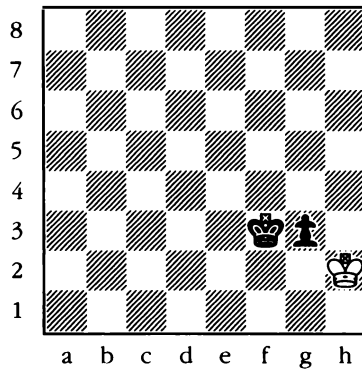
81



82



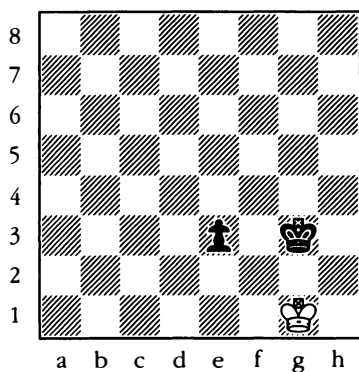
83



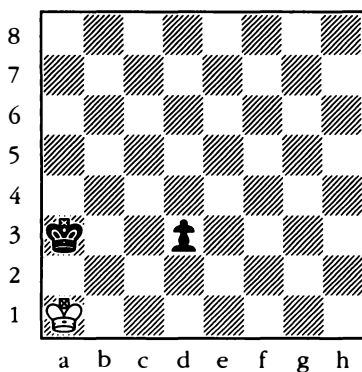
84

King + pawn vs. king

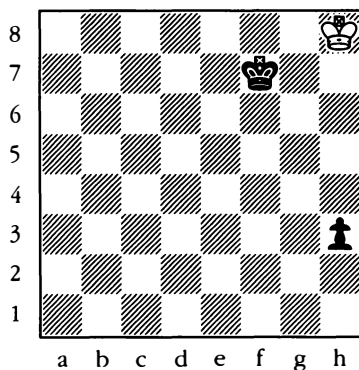
Black to move. Checkmate in two moves.



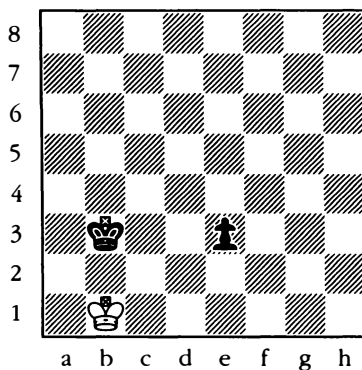
85



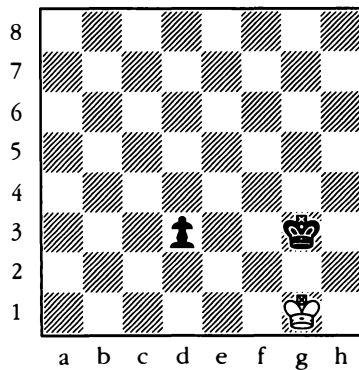
86



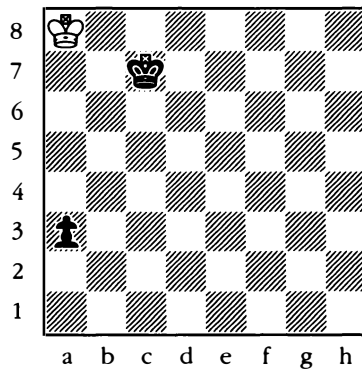
87



88



89

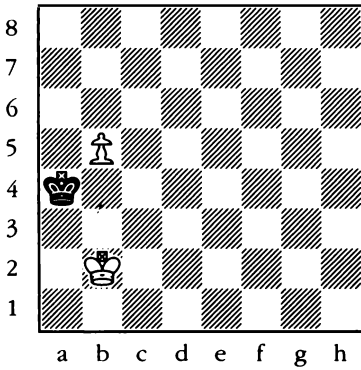


90

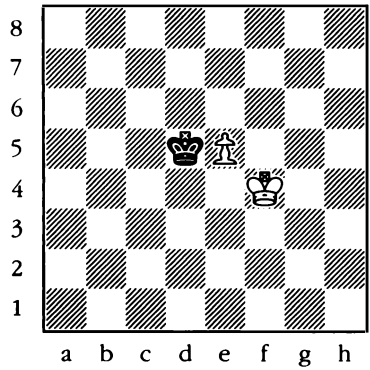
King + pawn vs. king

White to move and win.

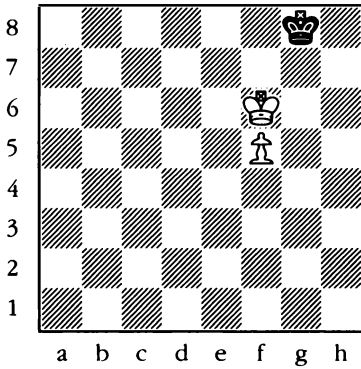
Black pawn on the fourth rank or white pawn on the fifth rank.



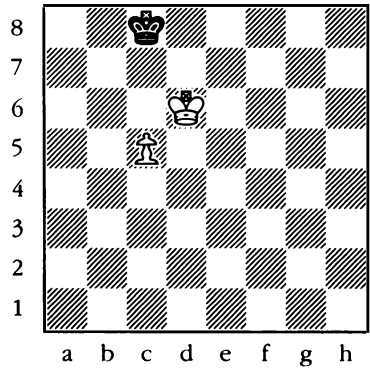
91



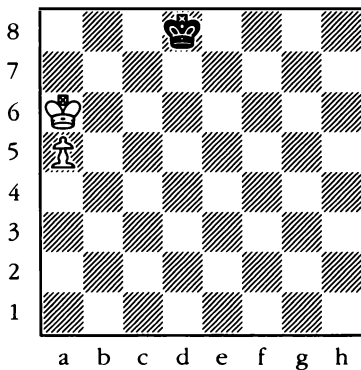
92



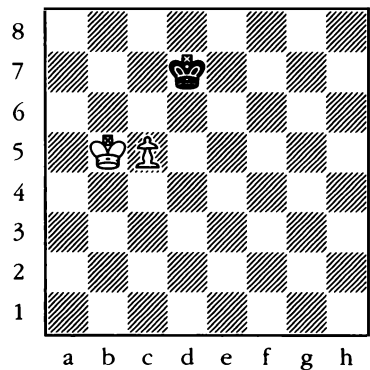
93



94



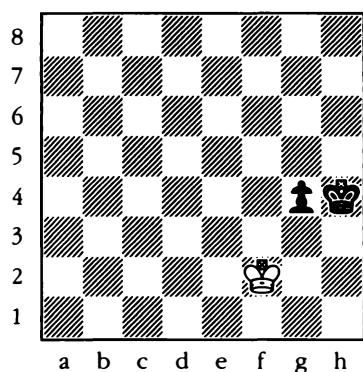
95



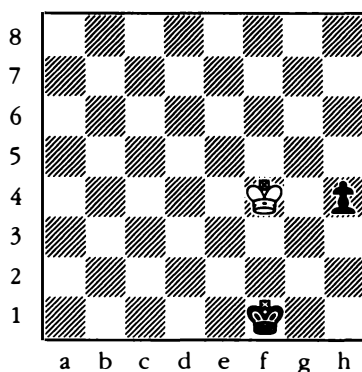
96

King + pawn vs. king

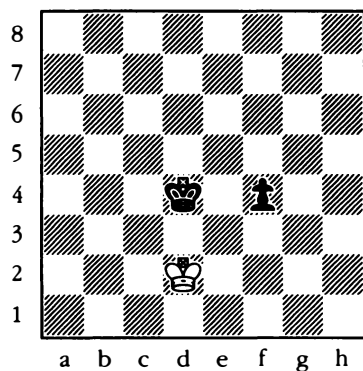
Black to move and win.



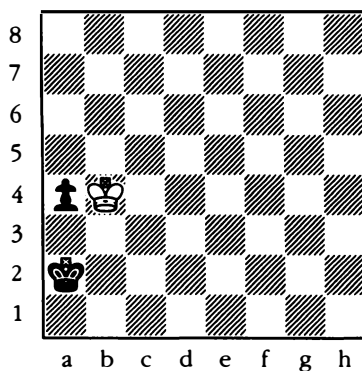
97



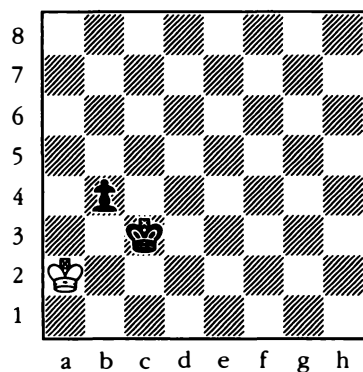
98



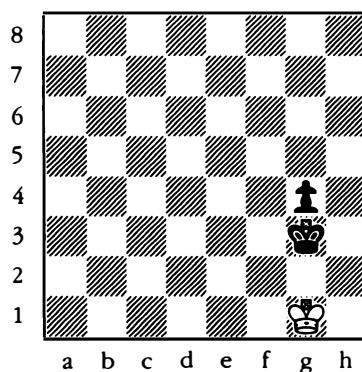
99



100



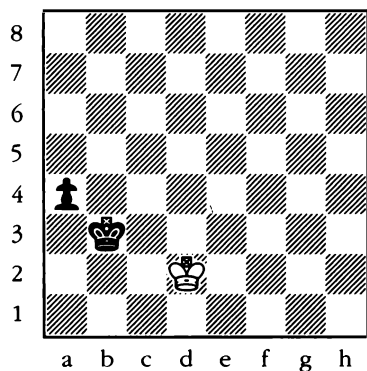
101



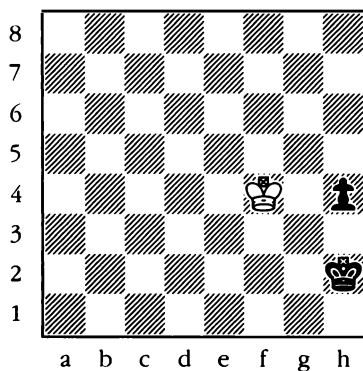
102

King + pawn vs. king

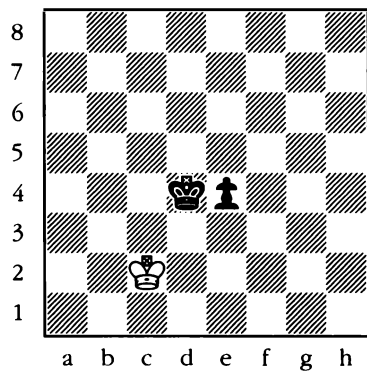
White to move. Make a draw.



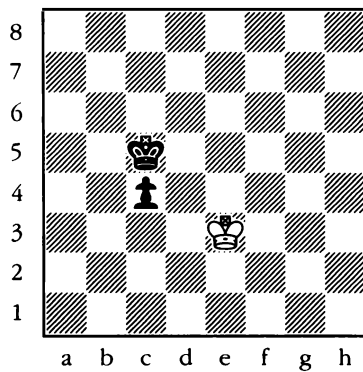
103



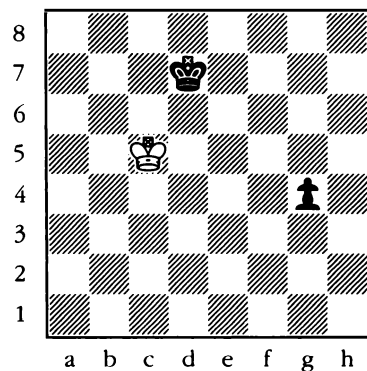
104



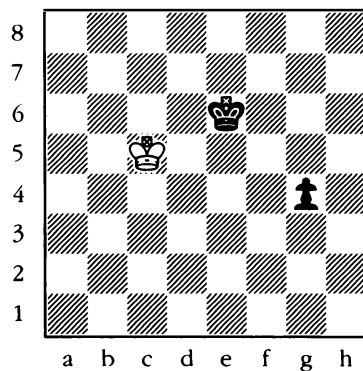
105



106



107

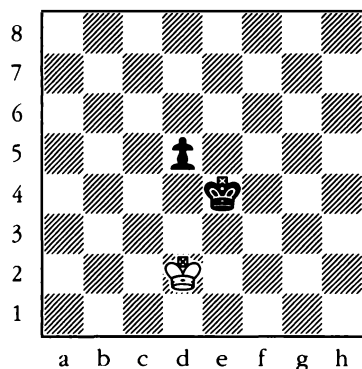


108

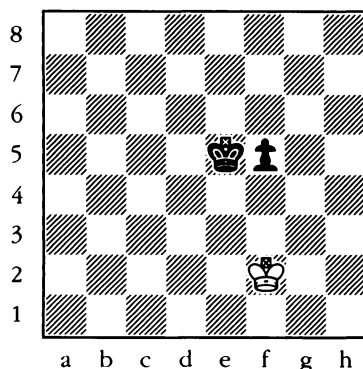
King + pawn vs. king

Black to move.

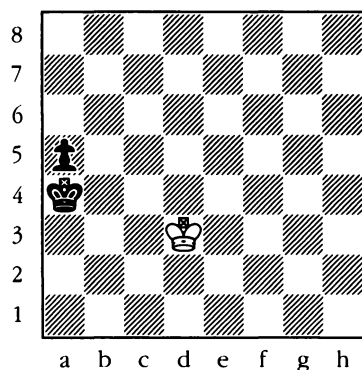
Black pawn on the fifth rank or white pawn on the fourth rank. Find the best move.



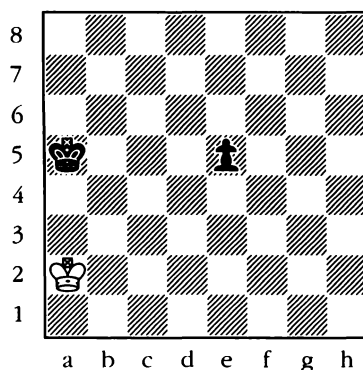
109



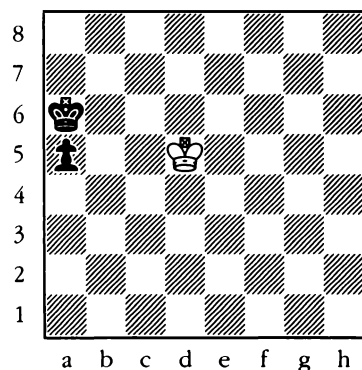
110



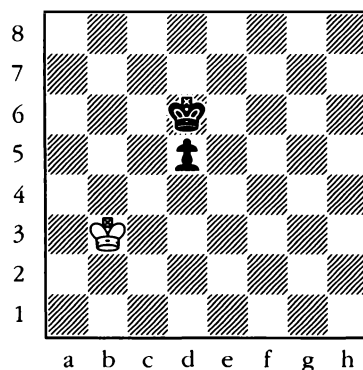
111



112



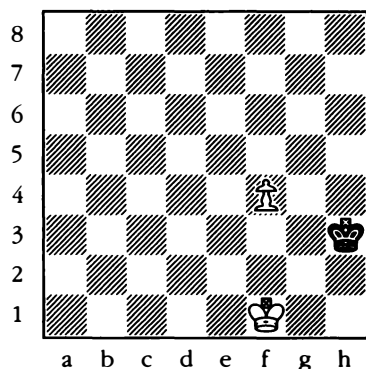
113



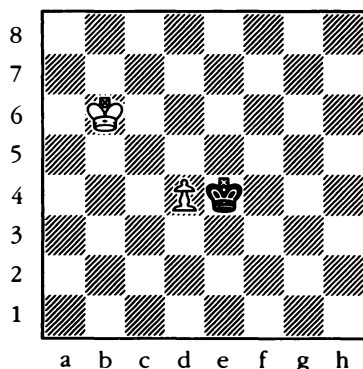
114

King + pawn vs. king

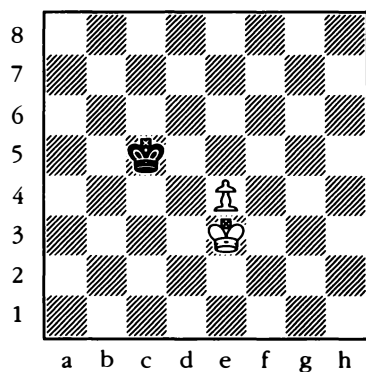
White to move and win.



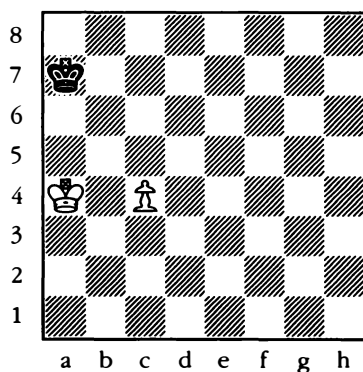
115



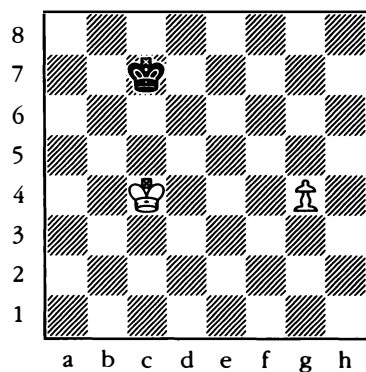
116



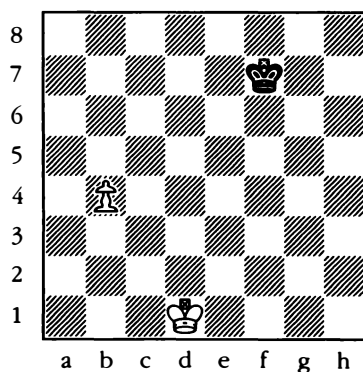
117



118



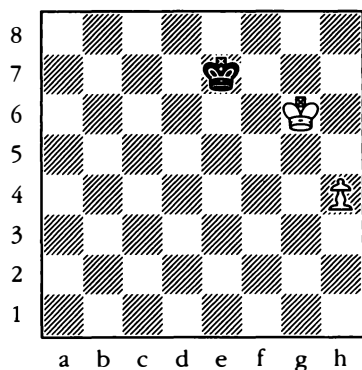
119



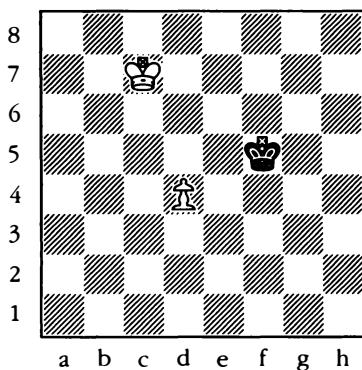
120

King + pawn vs. king

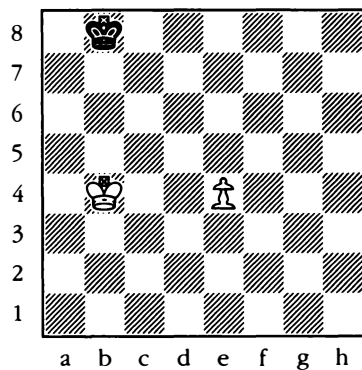
Black to move. Make a draw.



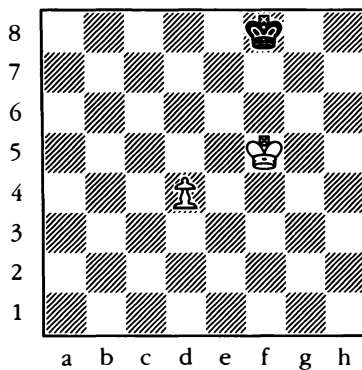
121



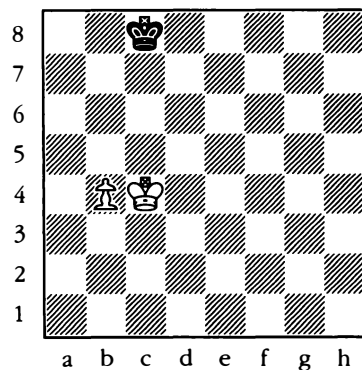
122



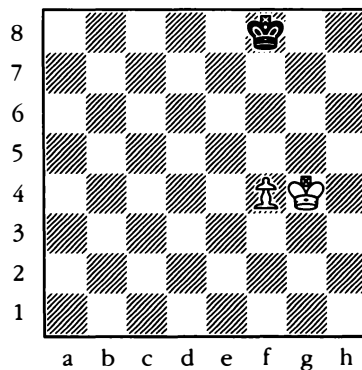
123



124



125

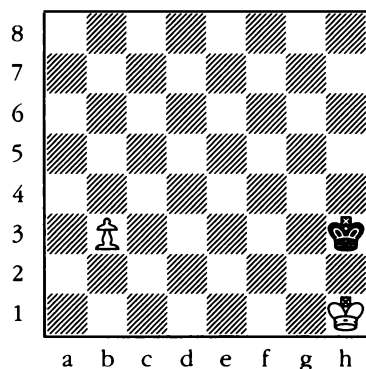


126

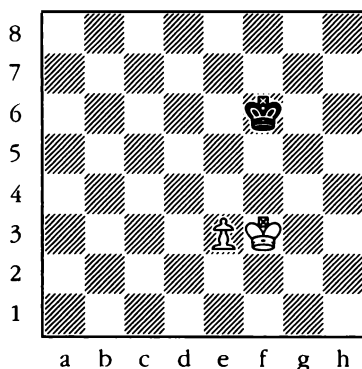
King + pawn vs. king

White to move and win.

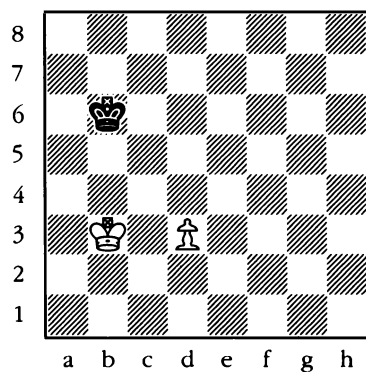
Black pawn on the sixth rank or white pawn on the third rank.



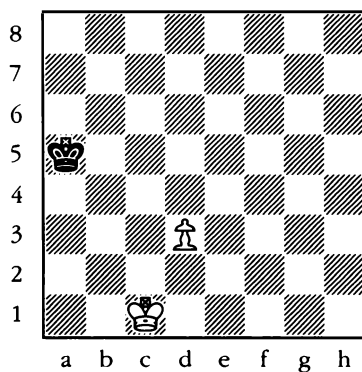
127



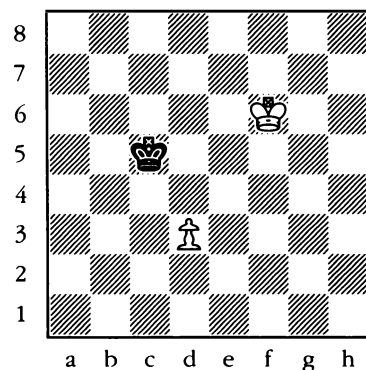
128



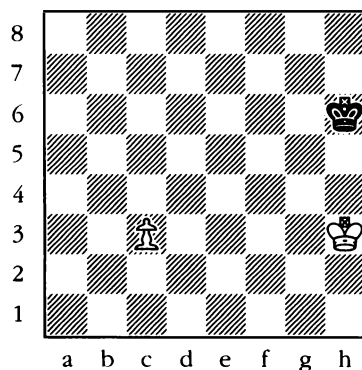
129



130



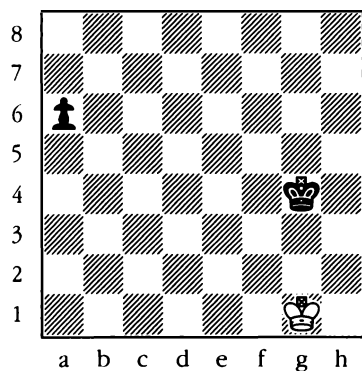
131



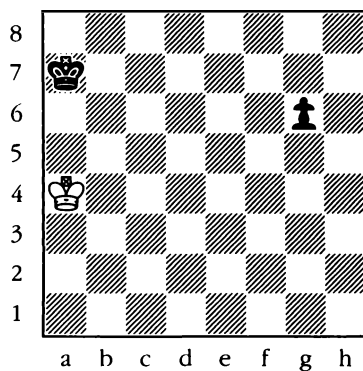
132

King + pawn vs. king

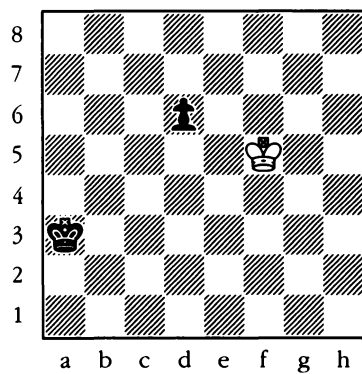
Black to move and win.



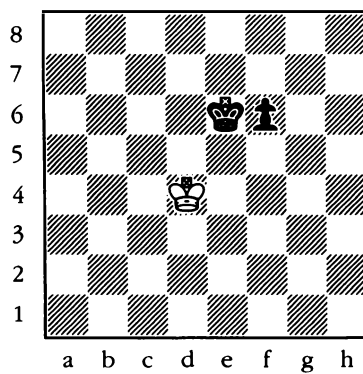
133



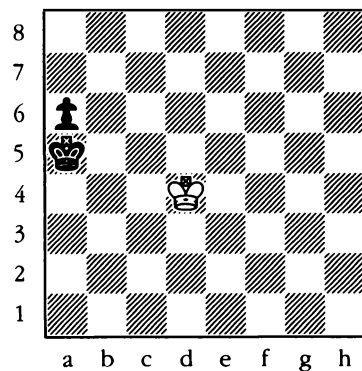
134



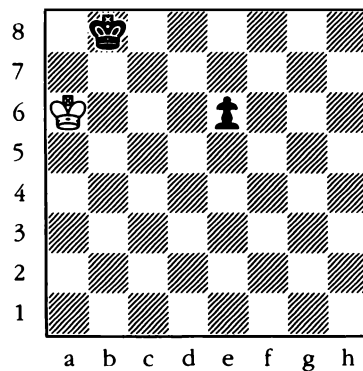
135



136



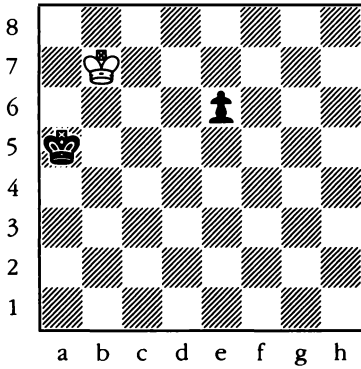
137



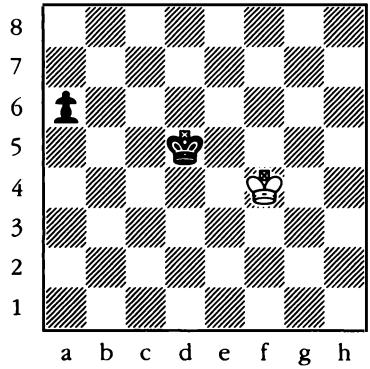
138

King + pawn vs. king

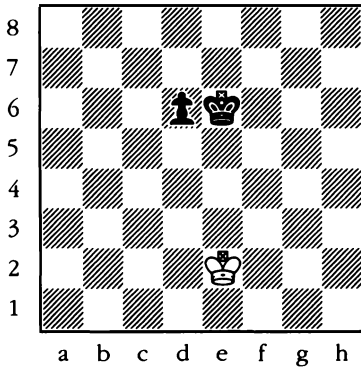
White to move. Make a draw.



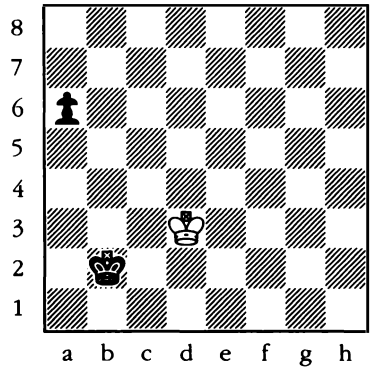
139



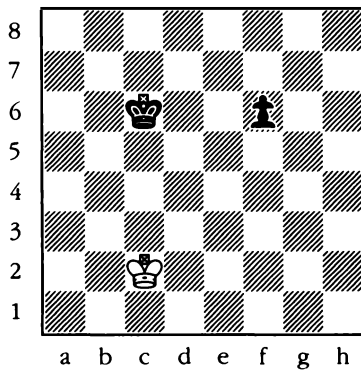
140



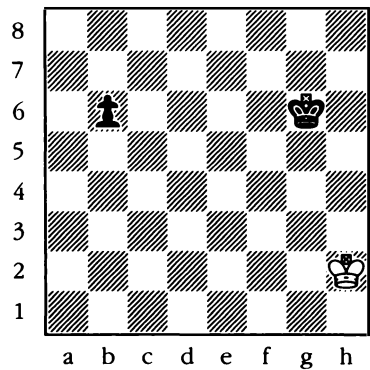
141



142



143

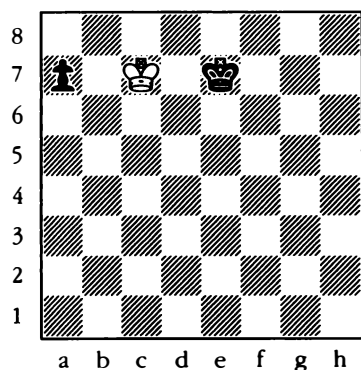


144

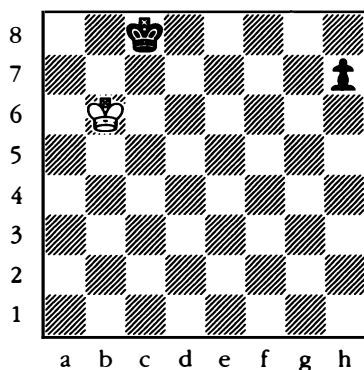
King + pawn vs. king

Black to move and win.

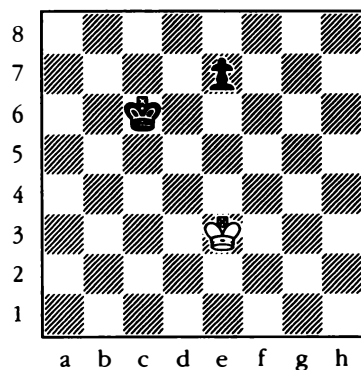
Black pawn on the seventh rank or white pawn on the second rank.



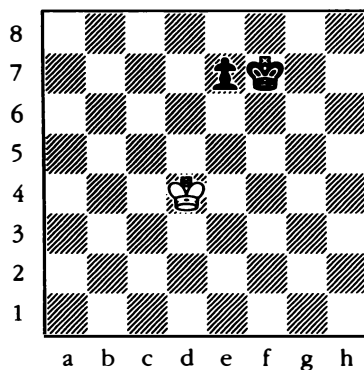
145



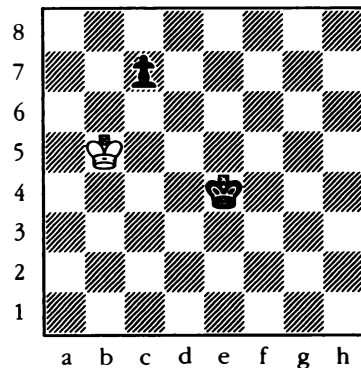
146



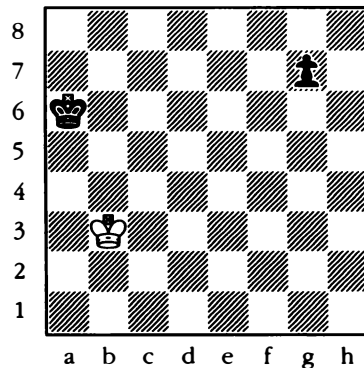
147



148



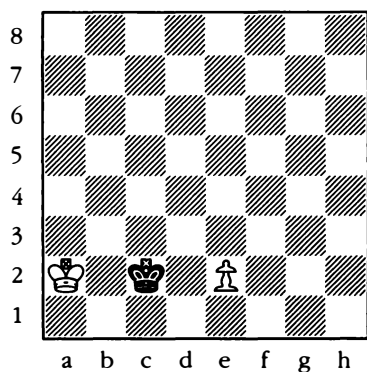
149



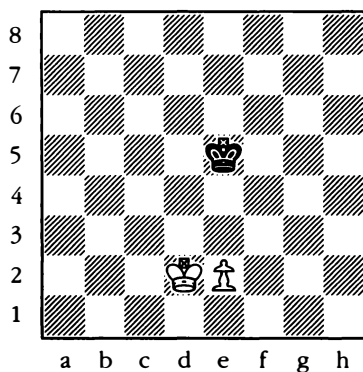
150

King + pawn vs. king

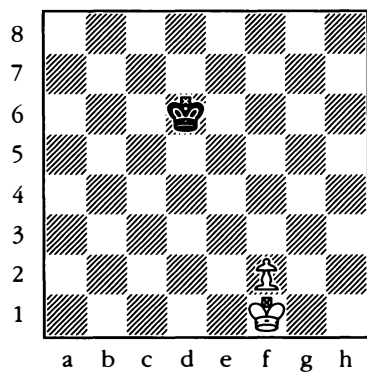
White to move and win.



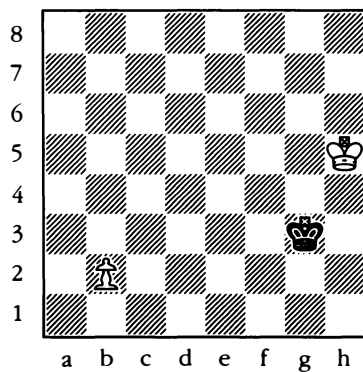
151



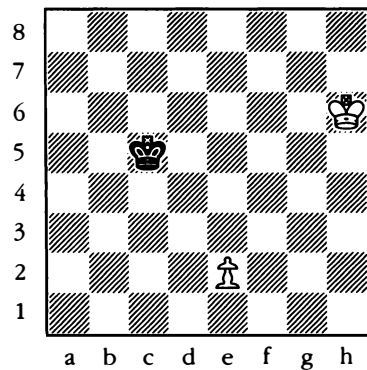
152



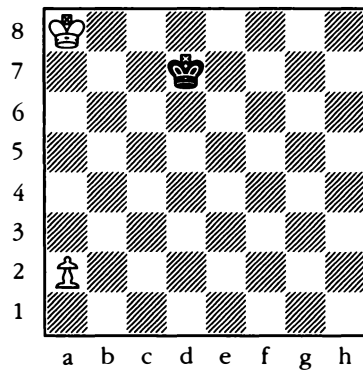
153



154



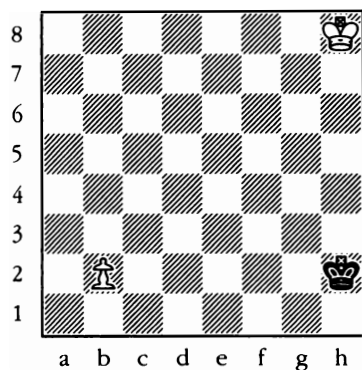
155



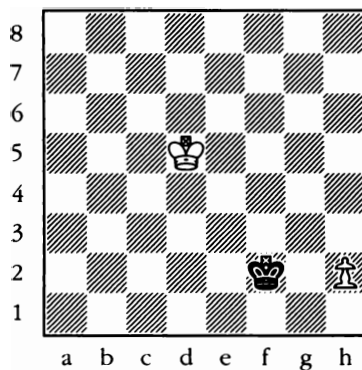
156

King + pawn vs. king

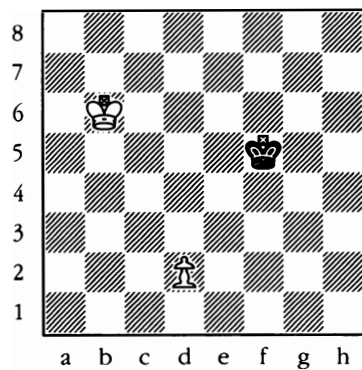
Black to move. Find the best move.



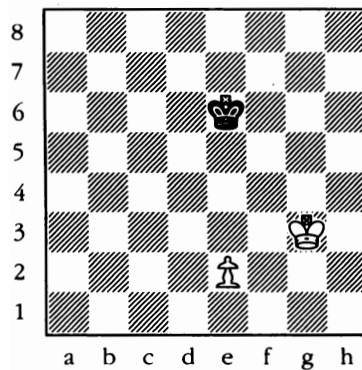
157



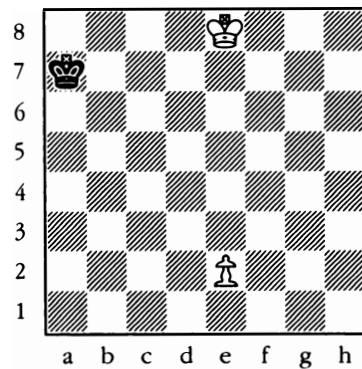
158



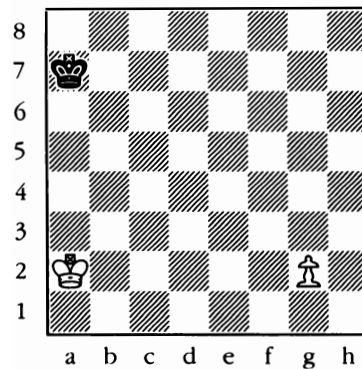
159



160



161



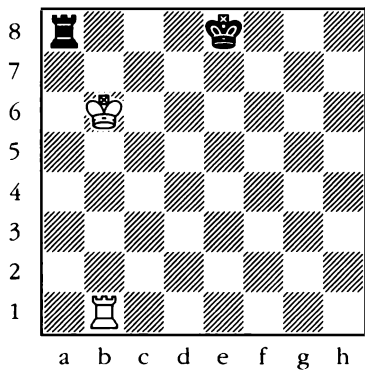
162

Endgames with Four Pieces

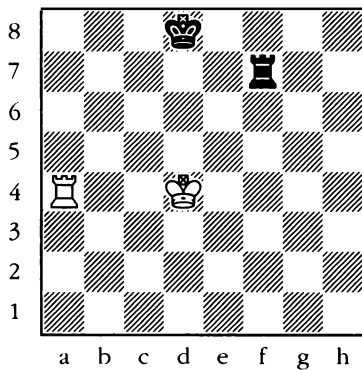
King + one piece vs. king + one piece

King + rook vs. king + rook

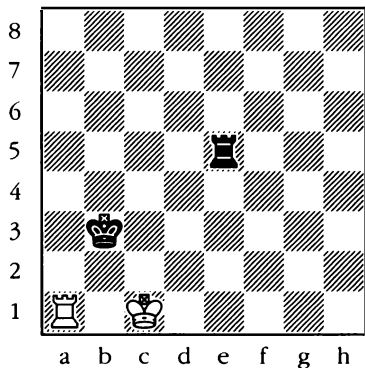
Black to move. Black wins White's rook.



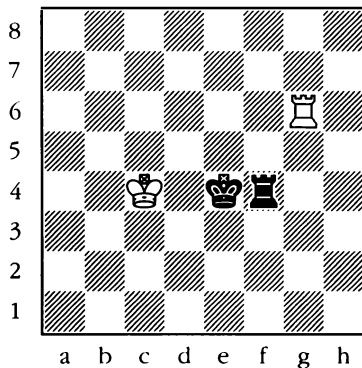
163



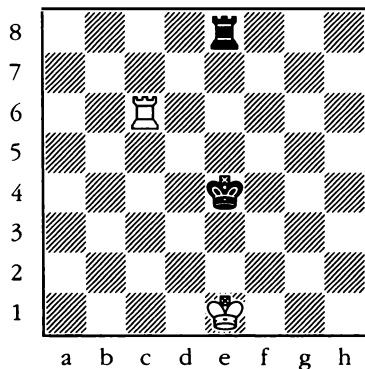
164



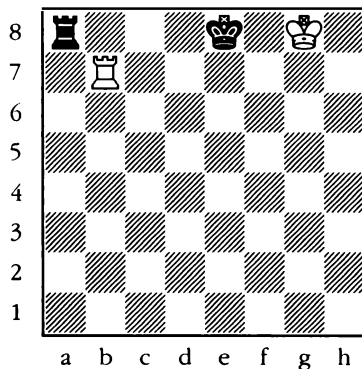
165



166



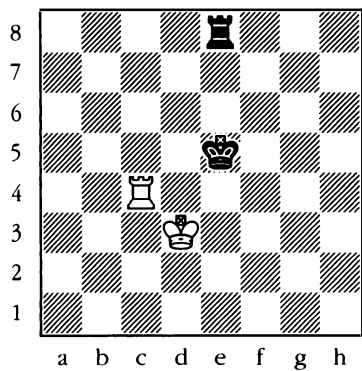
167



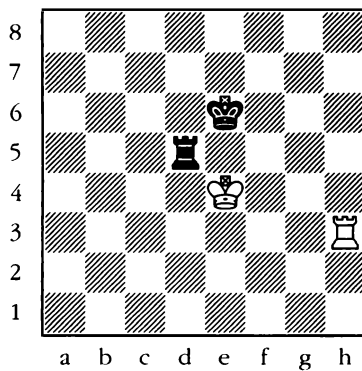
168

King + rook vs. king + rook

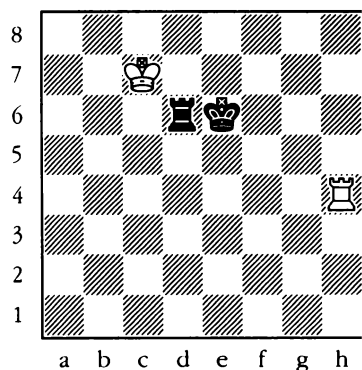
White to move. White wins Black's rook.



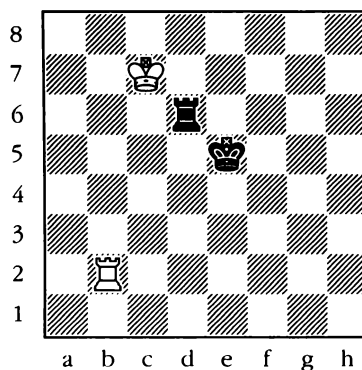
169



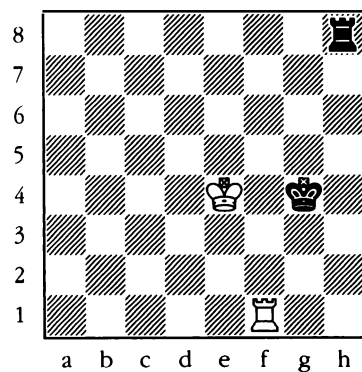
170



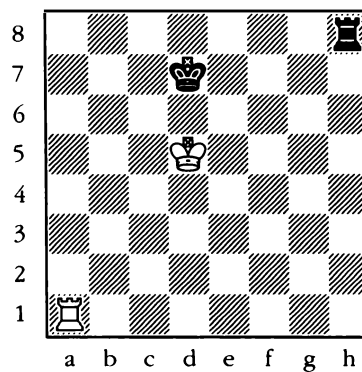
171



172



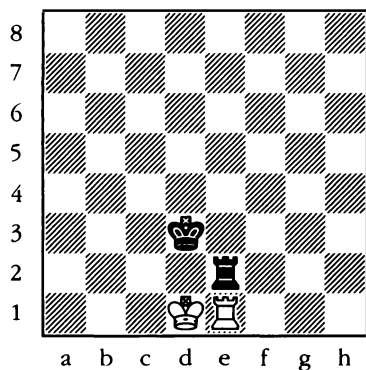
173



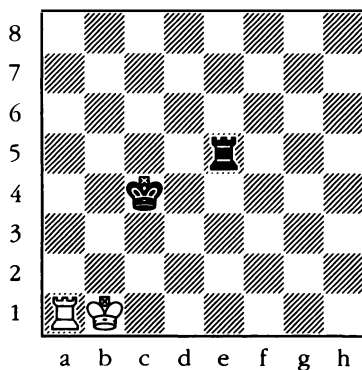
174

King + rook vs. king + rook

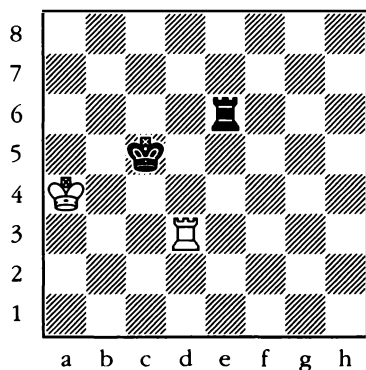
Black to move. Black wins White's rook.



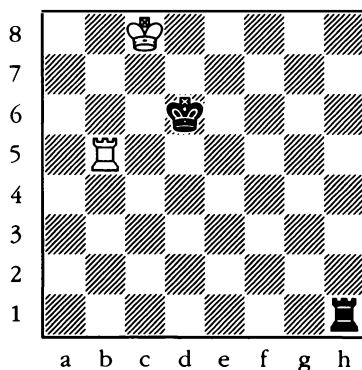
175



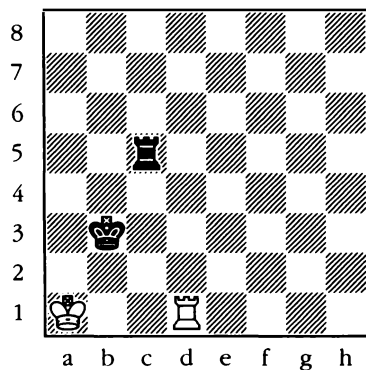
176



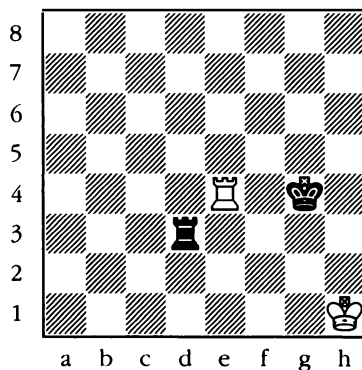
177



178



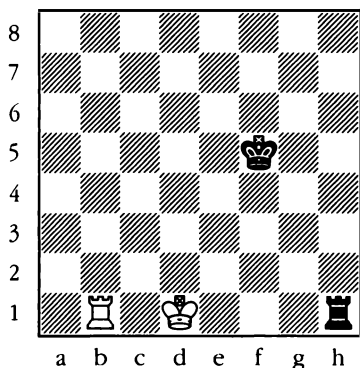
179



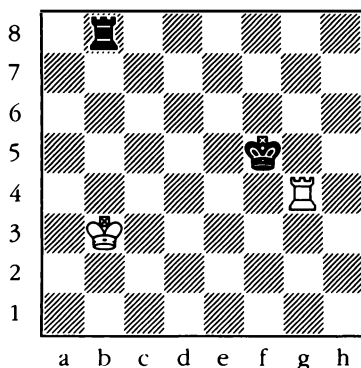
180

King + rook vs. king + rook

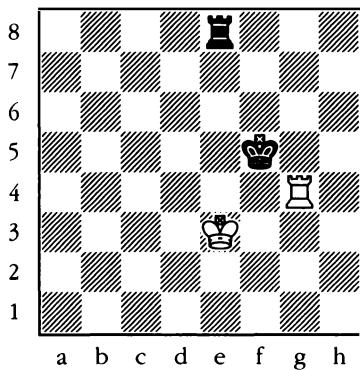
White to move. Make a draw.



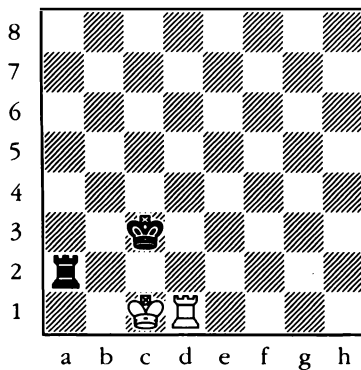
181



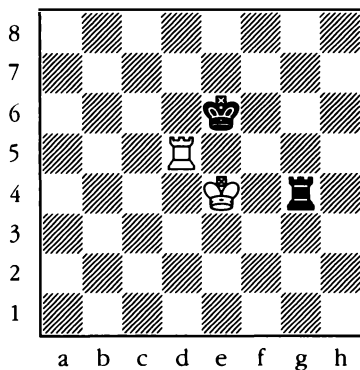
182



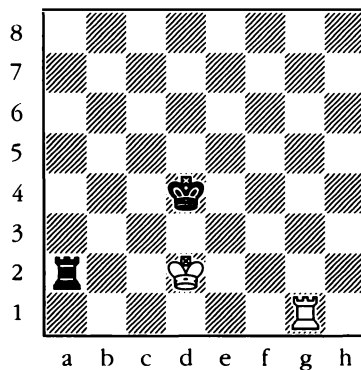
183



184



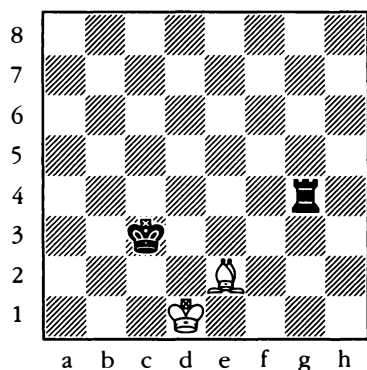
185



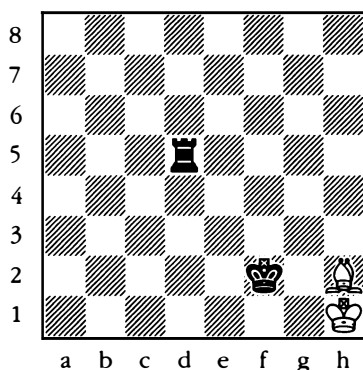
186

King + rook vs. king + bishop

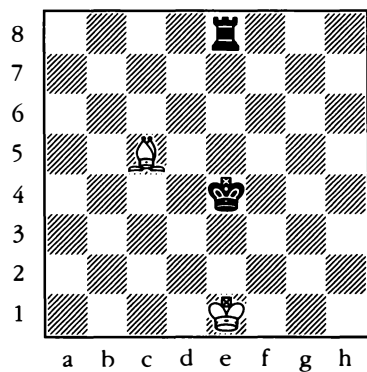
Black to move. Black wins the bishop.



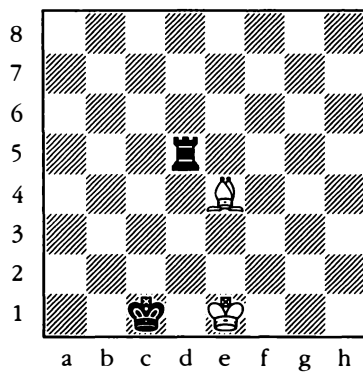
187



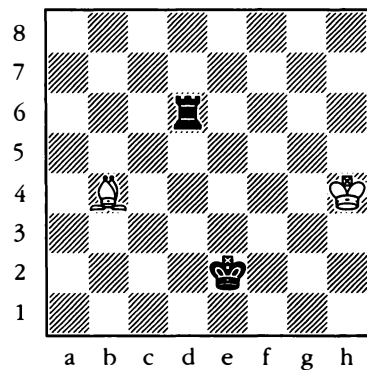
188



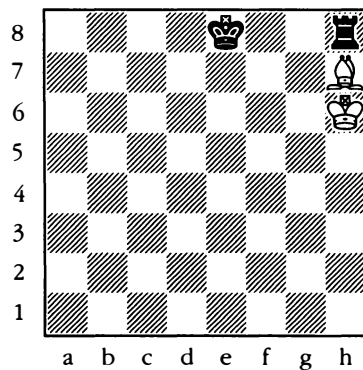
189



190



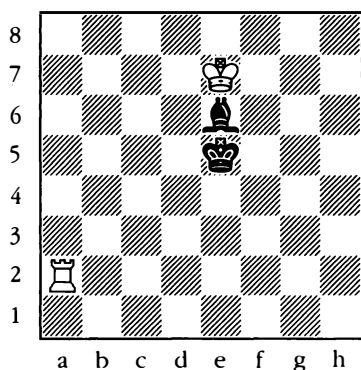
191



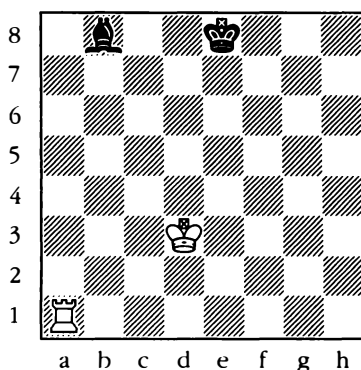
192

King + rook vs. king + bishop

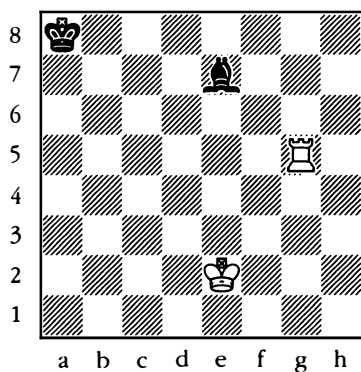
White to move. White wins the bishop.



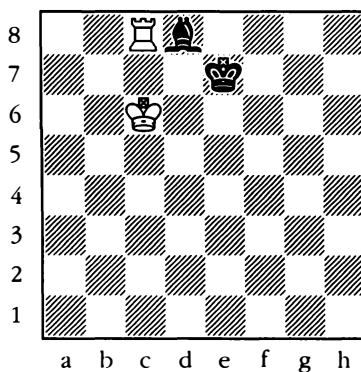
193



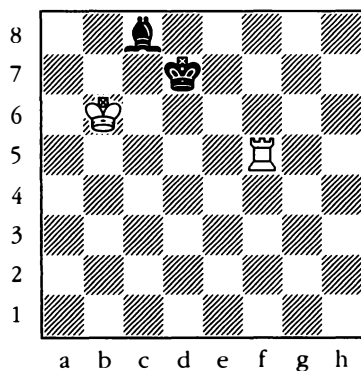
194



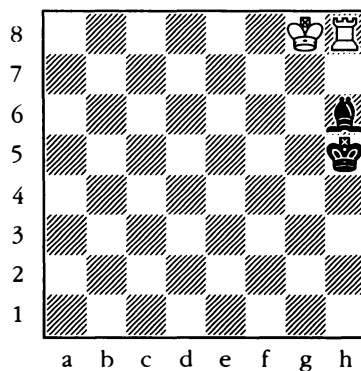
195



196



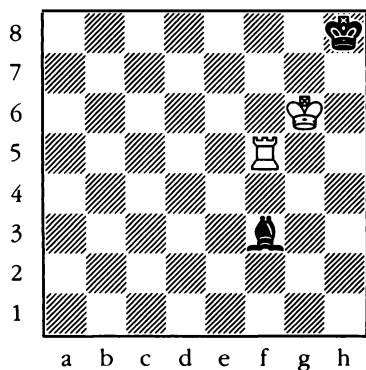
197



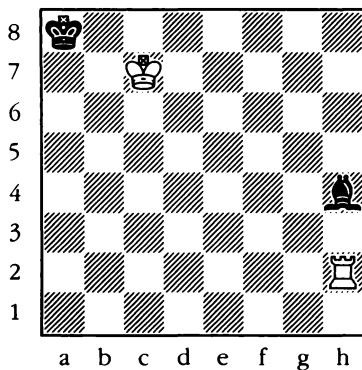
198

King + rook vs. king + bishop

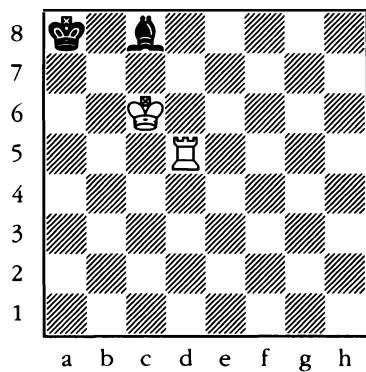
Black to move. Make a draw.



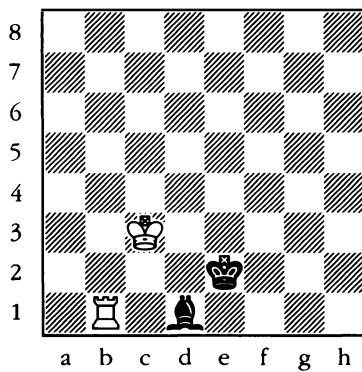
199



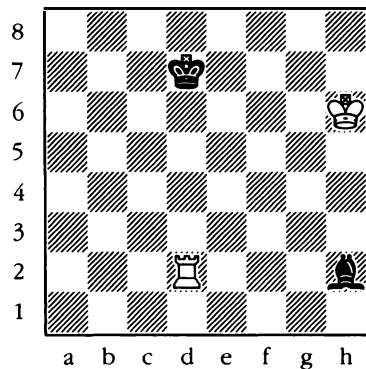
200



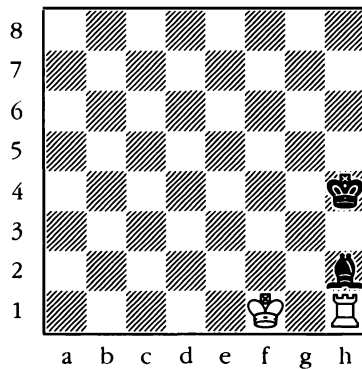
201



202



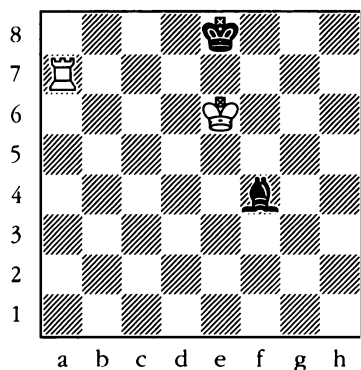
203



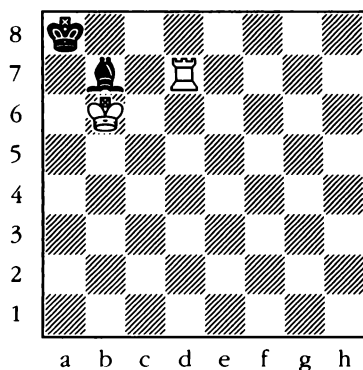
204

King + rook vs. king + bishop

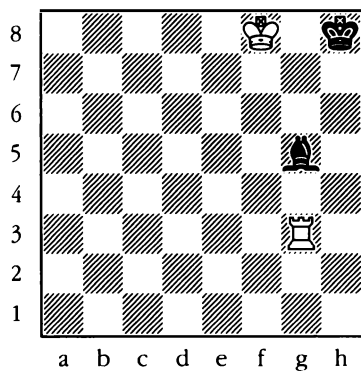
White to move. Checkmate in two moves.



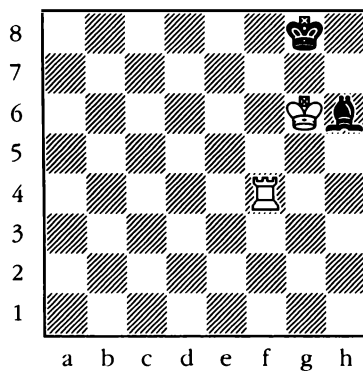
205



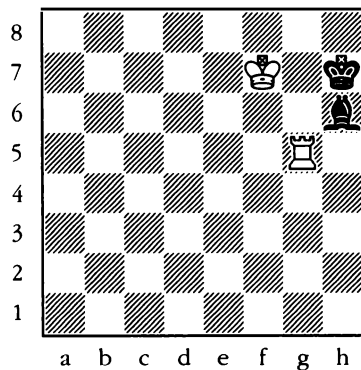
206



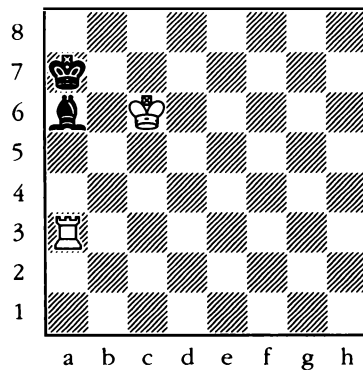
207



208



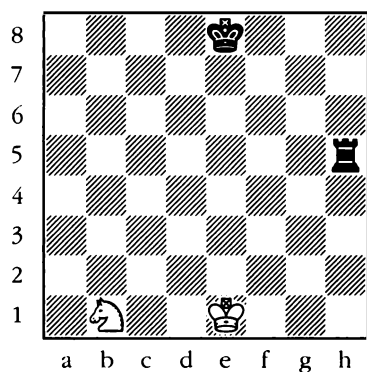
209



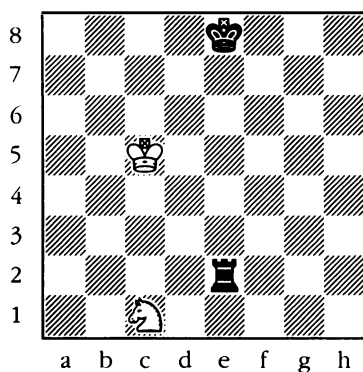
210

King + rook vs. king + knight

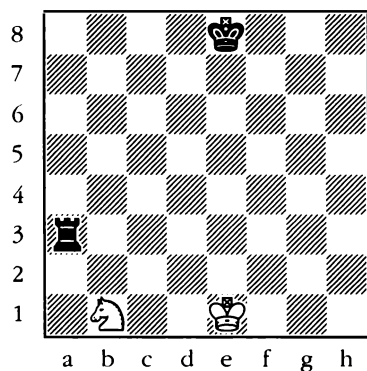
Black to move. Black wins the knight.



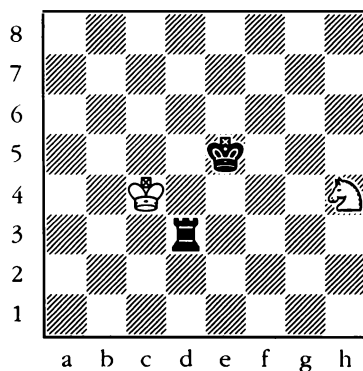
211



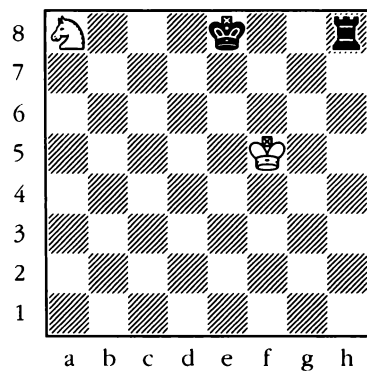
212



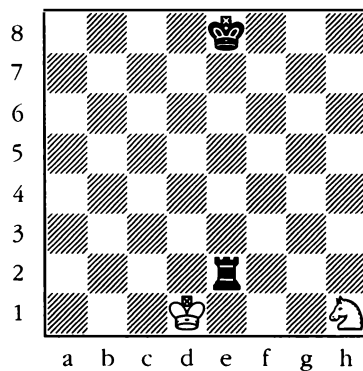
213



214



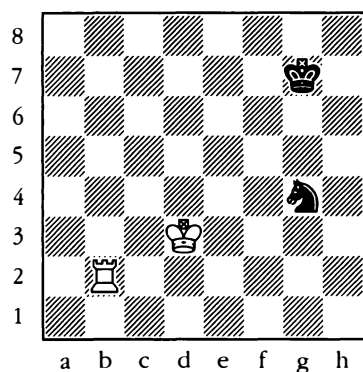
215



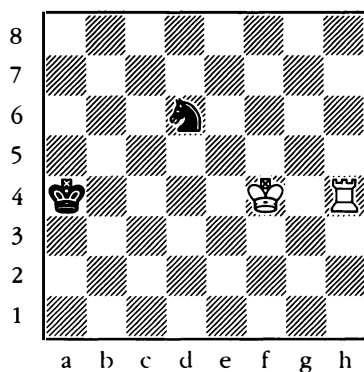
216

King + rook vs. king + knight

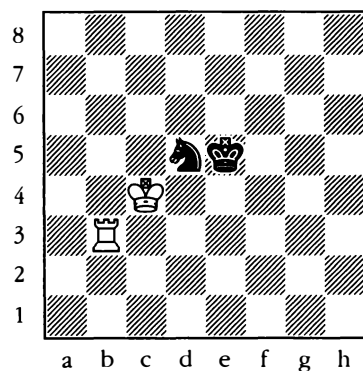
White to move. White wins the knight.



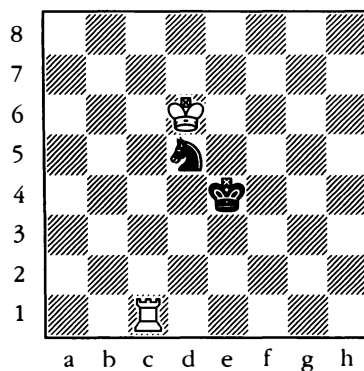
217



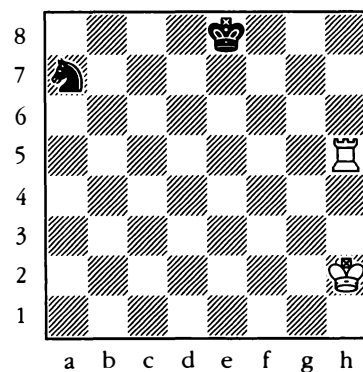
218



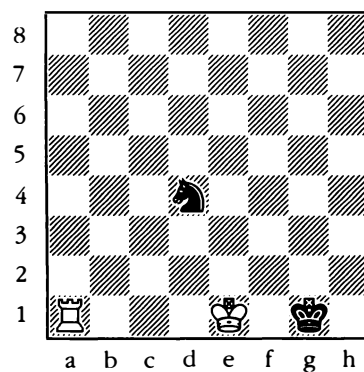
219



220



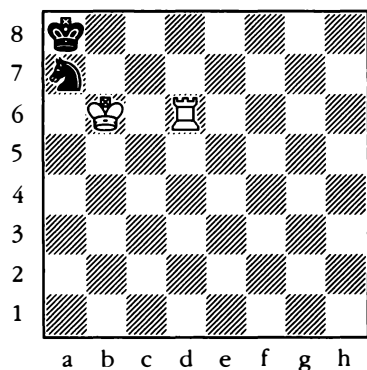
221



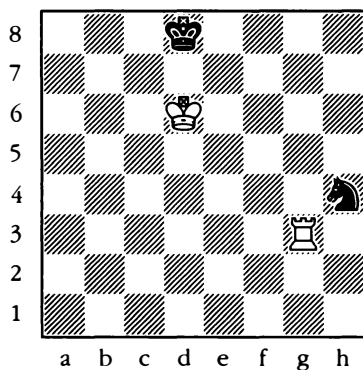
222

King + rook vs. king + knight

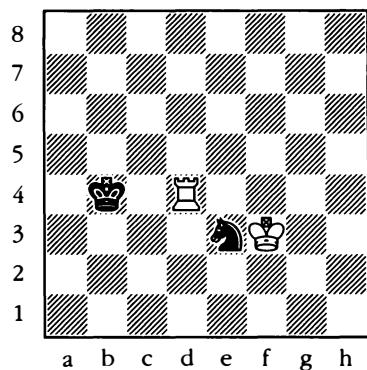
Black to move. Make a draw.



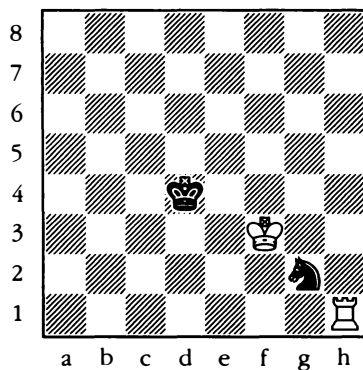
223



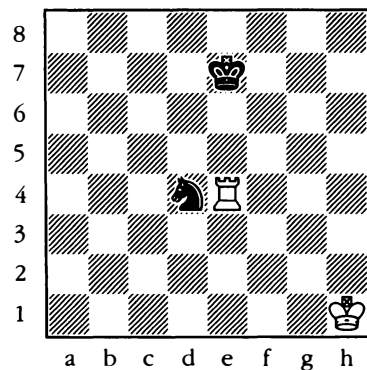
224



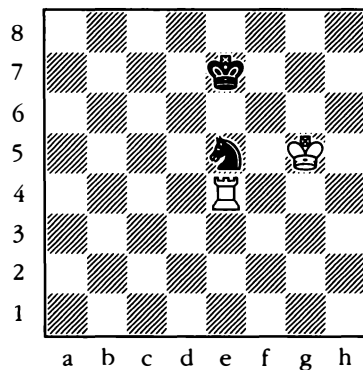
225



226



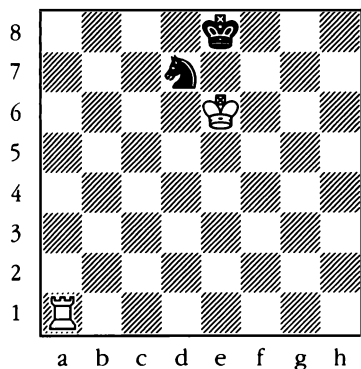
227



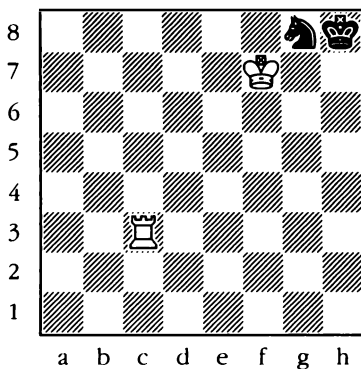
228

King + rook vs. king + knight

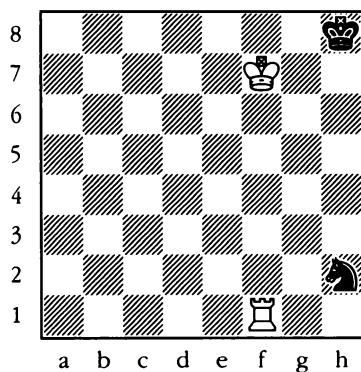
White to move. Checkmate in two moves.



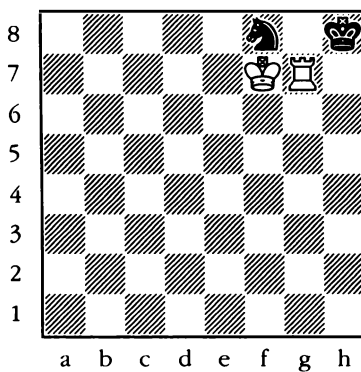
229



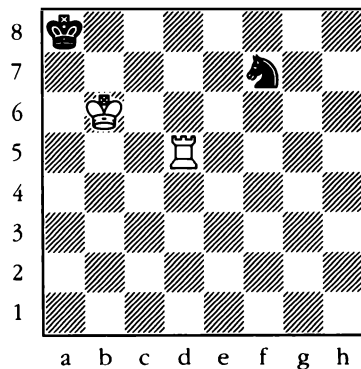
230



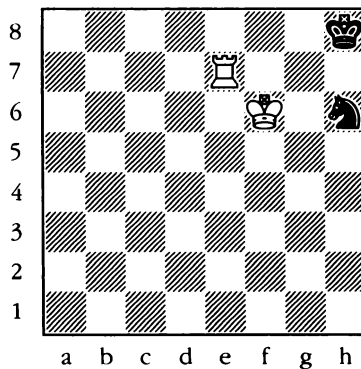
231



232



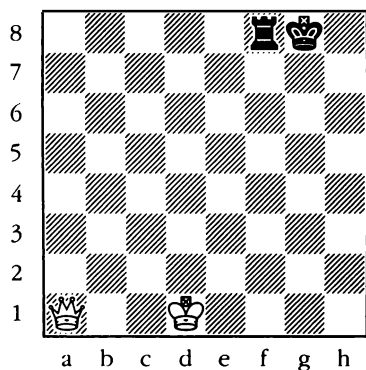
233



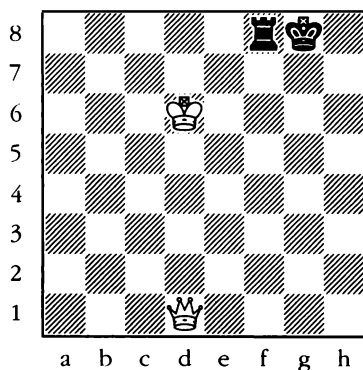
234

King + rook vs. king + queen

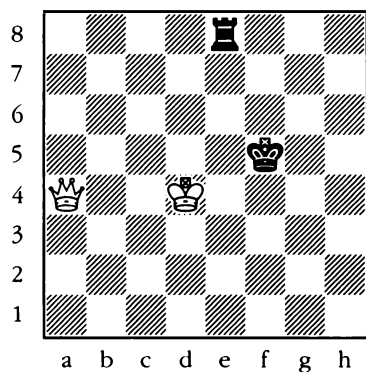
Black to move. Black wins the queen.



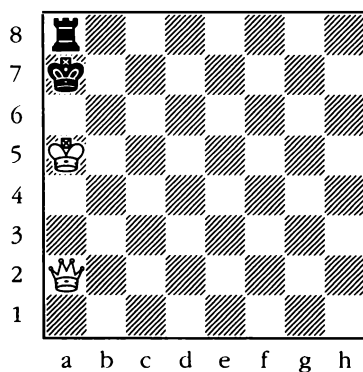
235



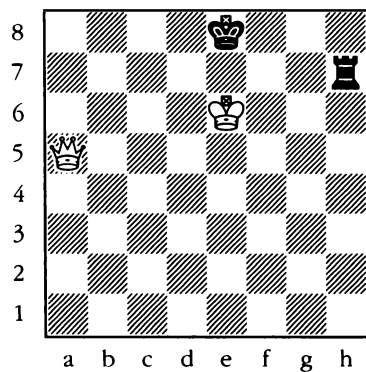
236



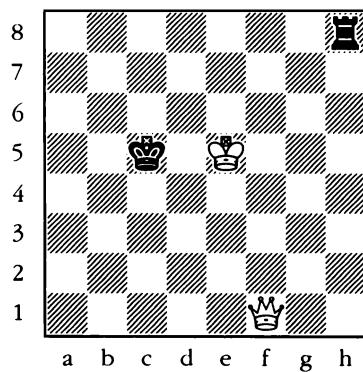
237



238



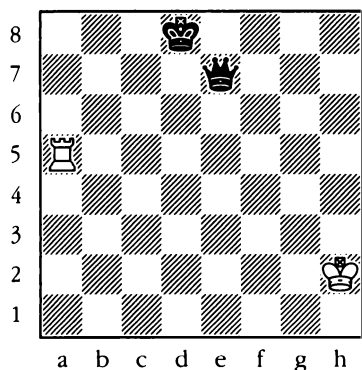
239



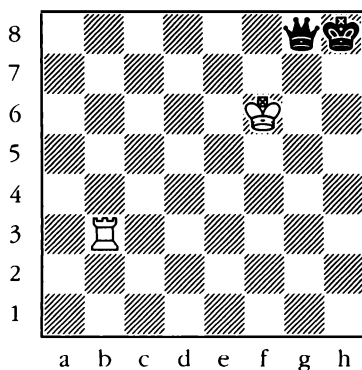
240

King + rook vs. king + queen

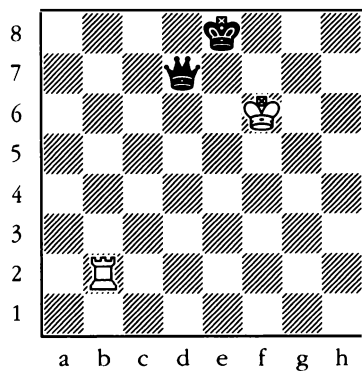
White to move. Make a draw.



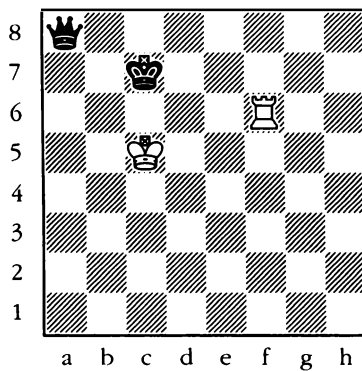
241



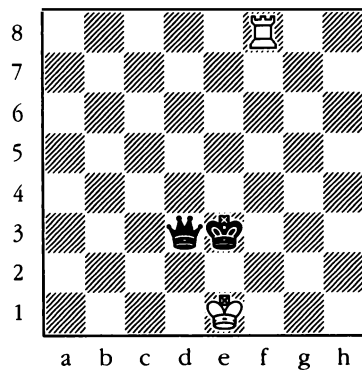
242



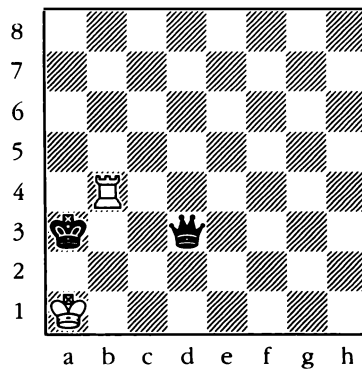
243



244



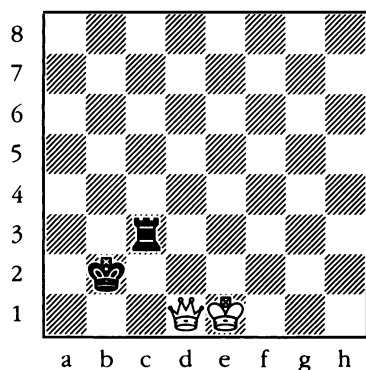
245



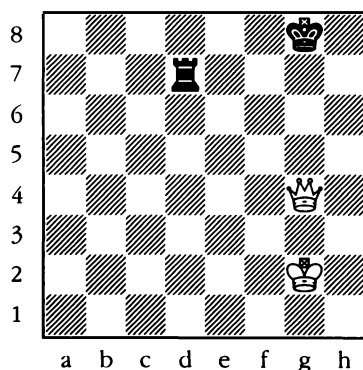
246

King + rook vs. king + queen

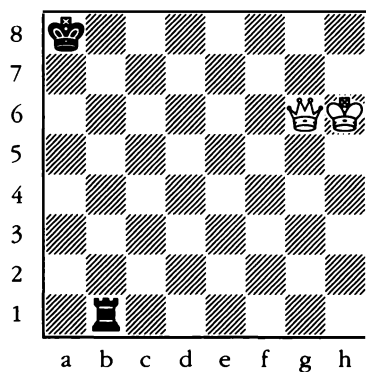
Black to move. Make a draw.



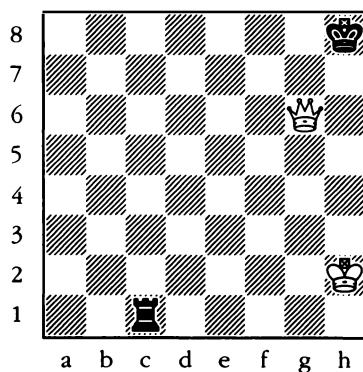
247



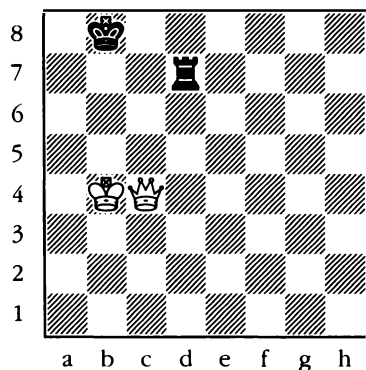
248



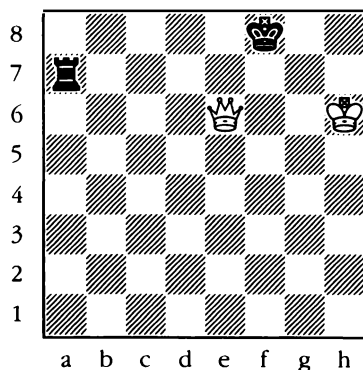
249



250



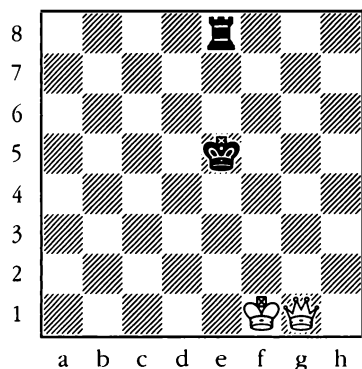
251



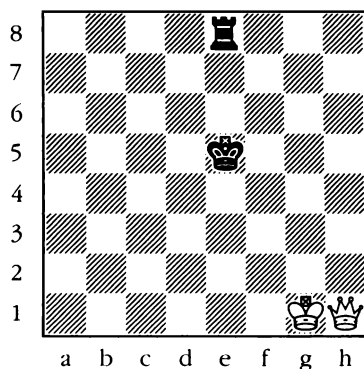
252

King + rook vs. king + queen

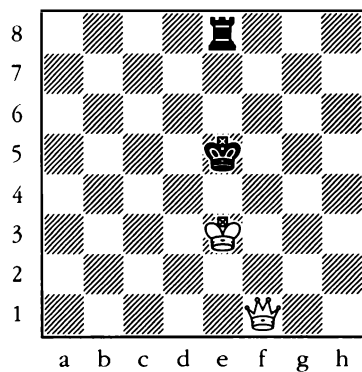
White to move. White wins the rook.



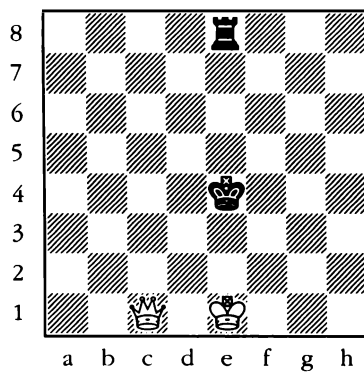
253



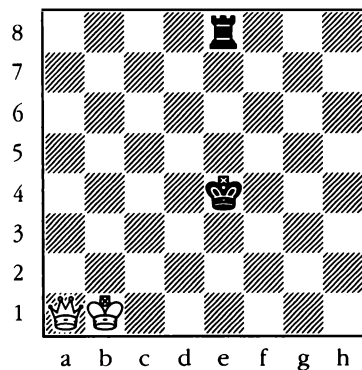
254



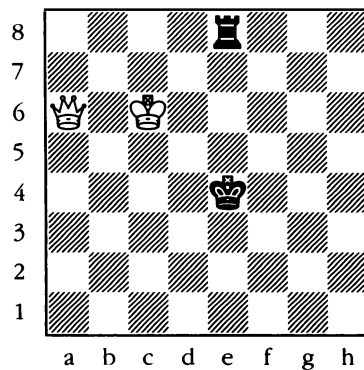
255



256



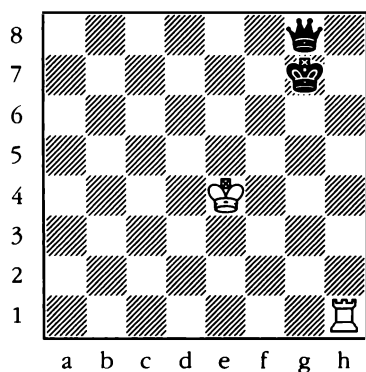
257



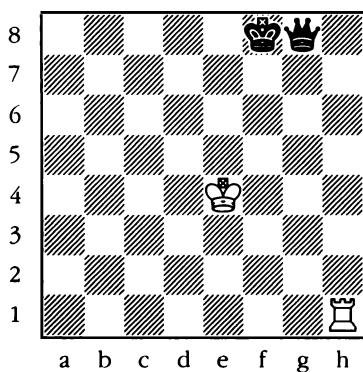
258

King + rook vs. king + queen

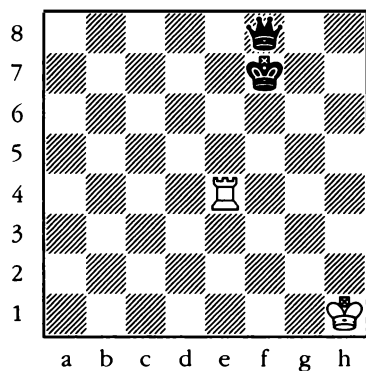
Black to move. Black wins the rook in two moves.



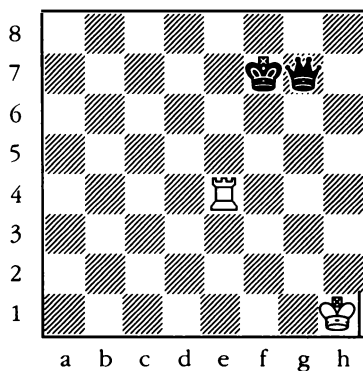
259



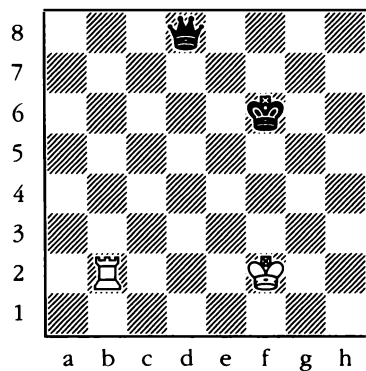
260



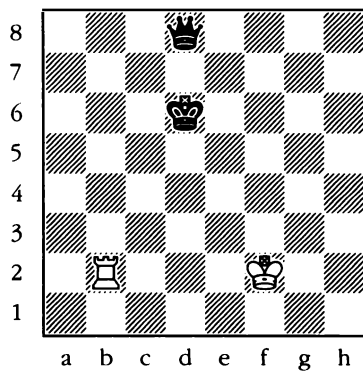
261



262



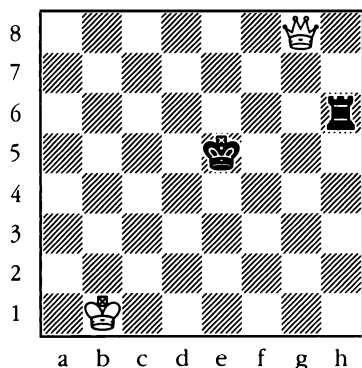
263



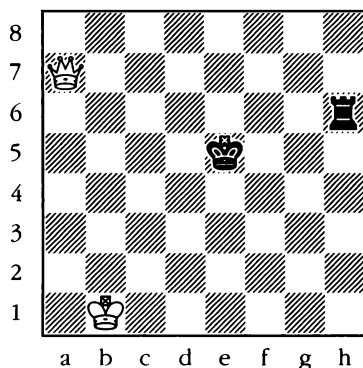
264

King + rook vs. king + queen

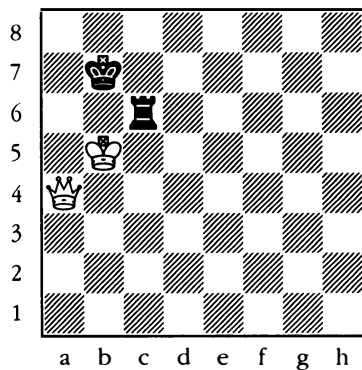
White to move. Win Black's rook in the fewest possible moves.



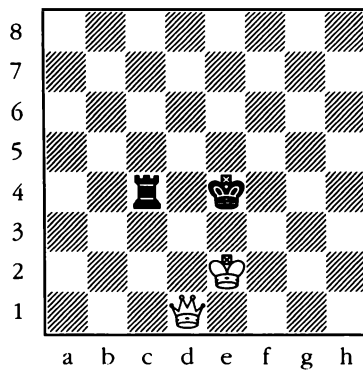
265



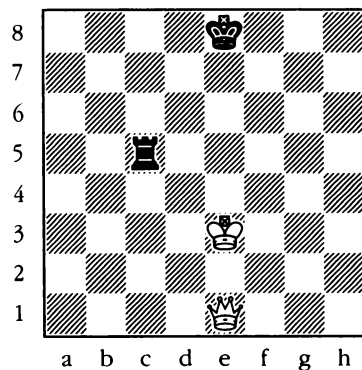
266



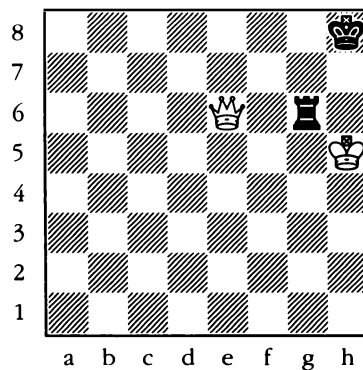
267



268



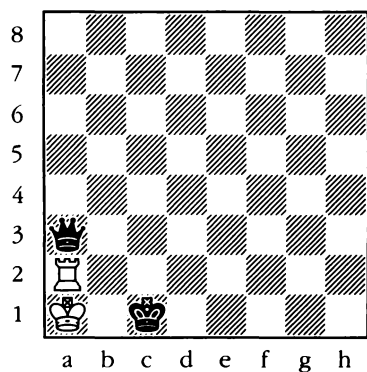
269



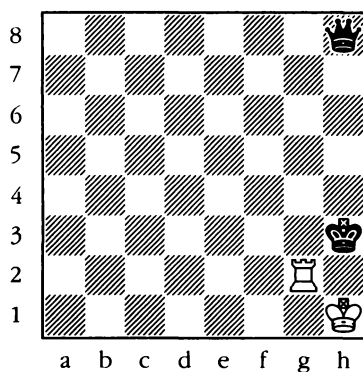
270

King + rook vs. king + queen

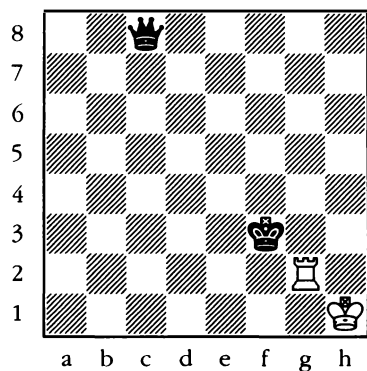
Black to move. Checkmate in two moves.



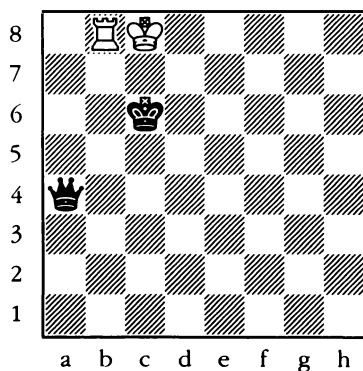
271



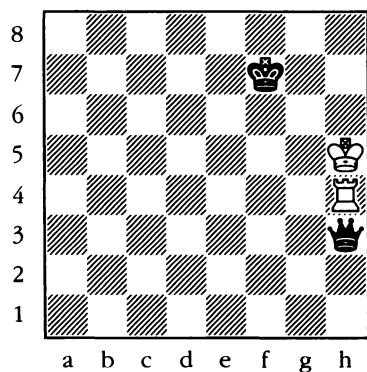
272



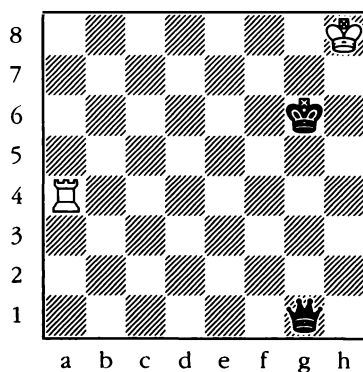
273



274



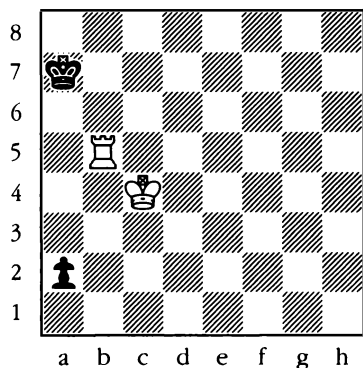
275



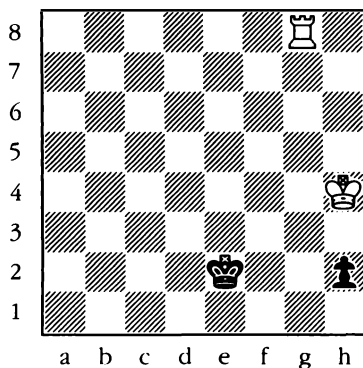
276

King + rook vs. king + pawn

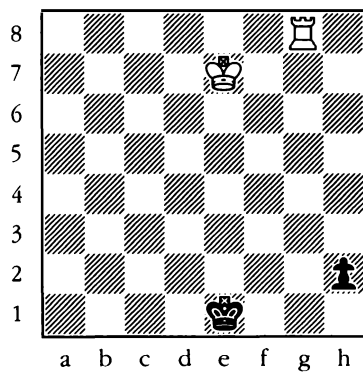
White to move. White wins the pawn.



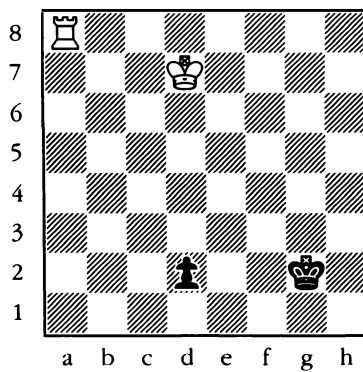
277



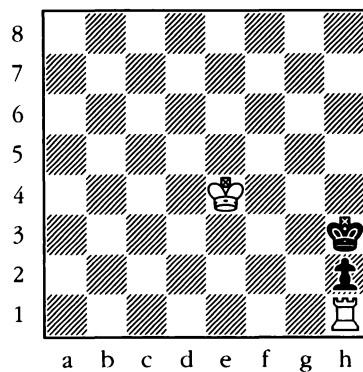
278



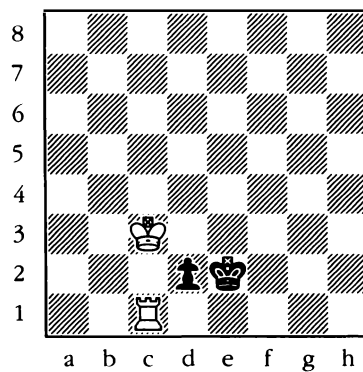
279



280



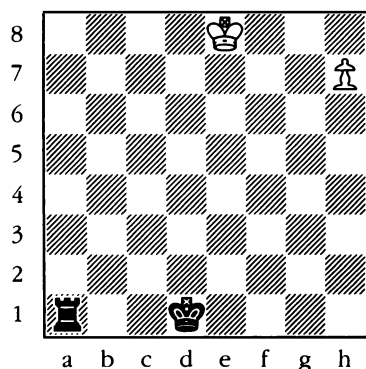
281



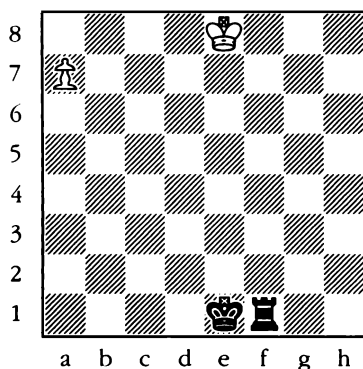
282

King + rook vs. king + pawn

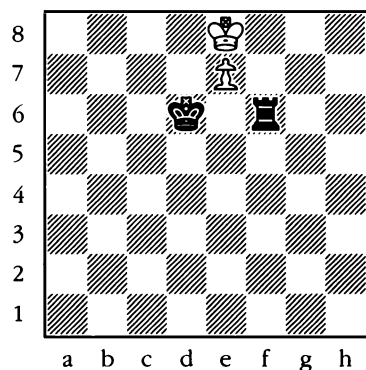
Black to move. Win the pawn for Black in the fewest possible moves.



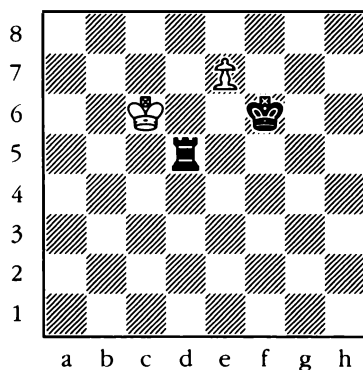
283



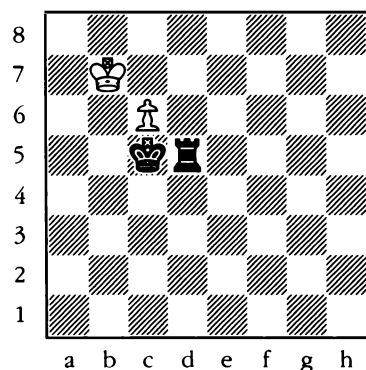
284



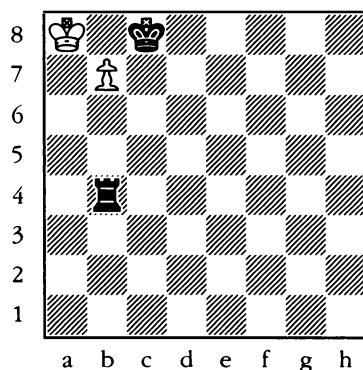
285



286



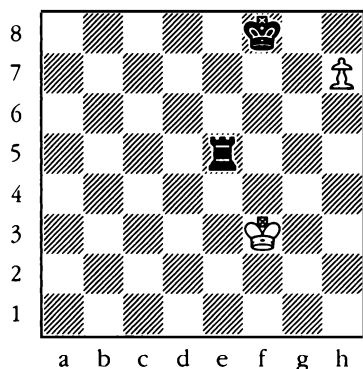
287



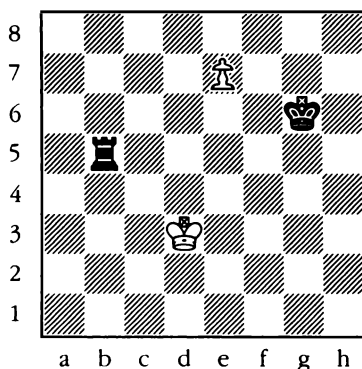
288

King + rook vs. king + pawn

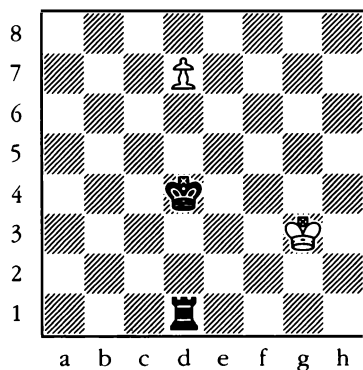
White to move. White wins the rook.



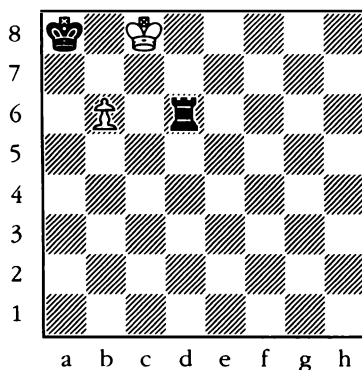
289



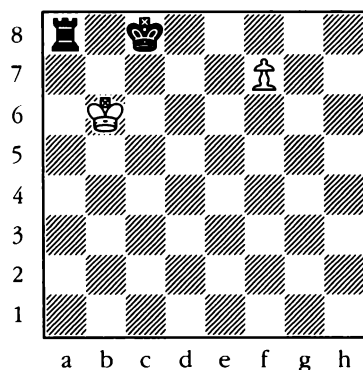
290



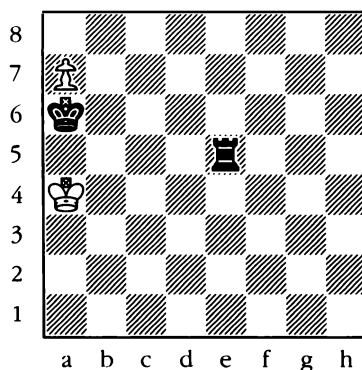
291



292



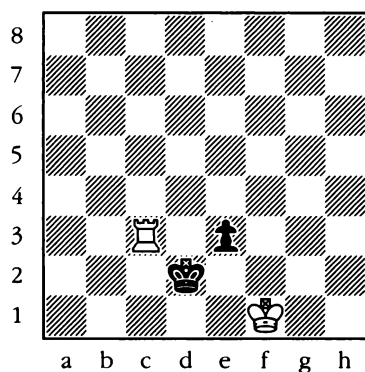
293



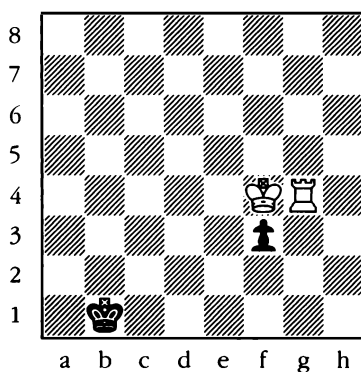
294

King + rook vs. king + pawn

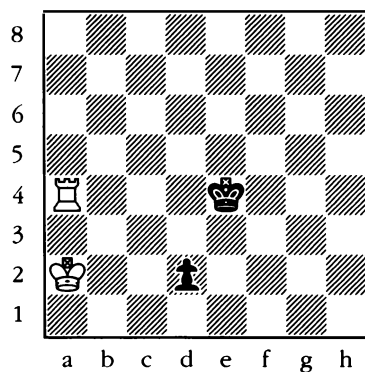
Black to move. Black promotes his pawn to a queen.



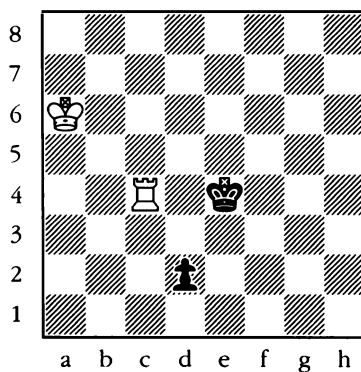
295



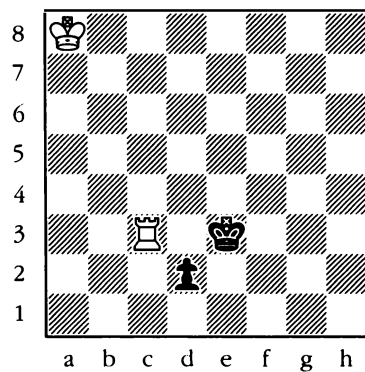
296



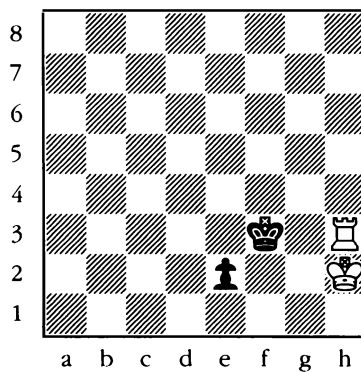
297



298



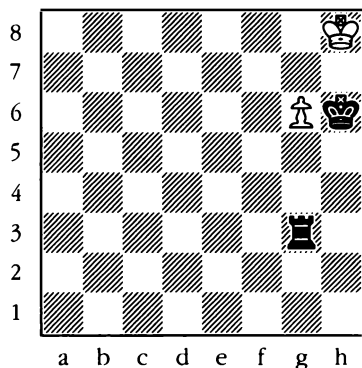
299



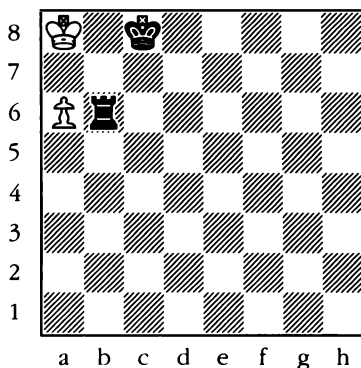
300

King + rook vs. king + pawn

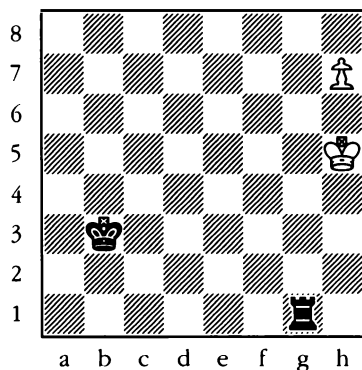
White to move. Make a draw.



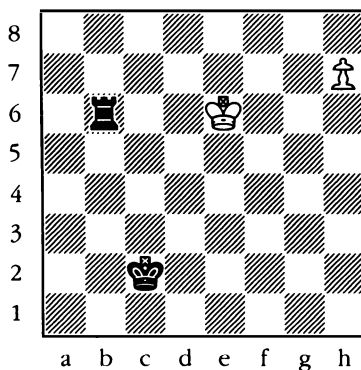
301



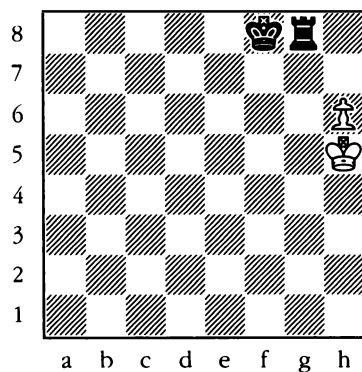
302



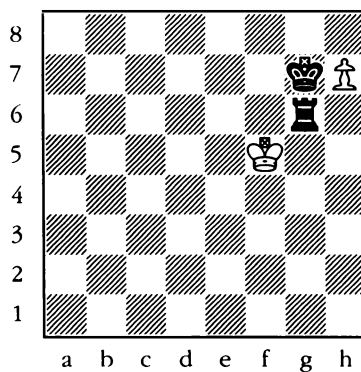
303



304



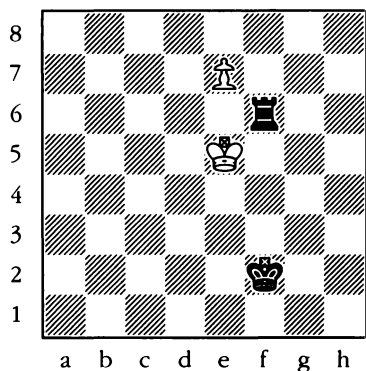
305



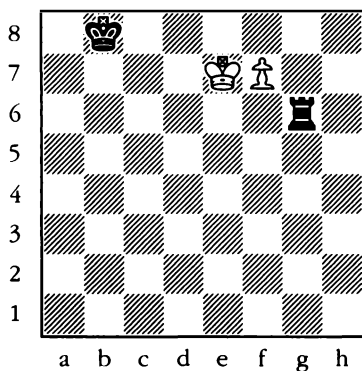
306

King + rook vs. king + pawn

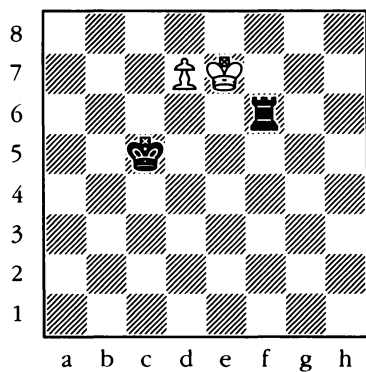
Black to move. Make a draw.



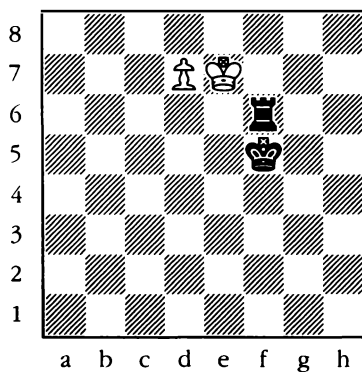
307



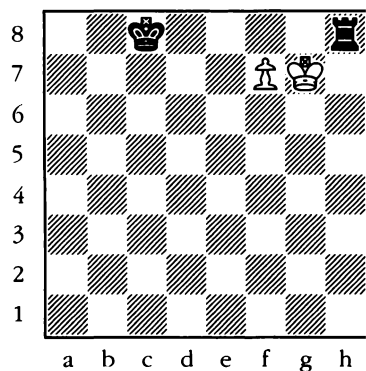
308



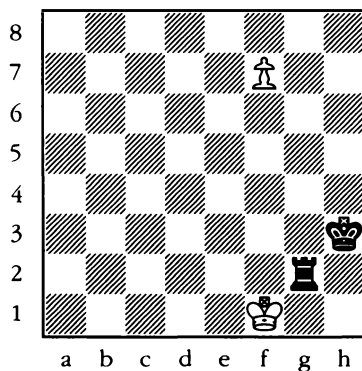
309



310



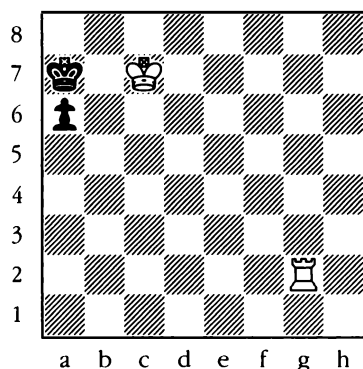
311



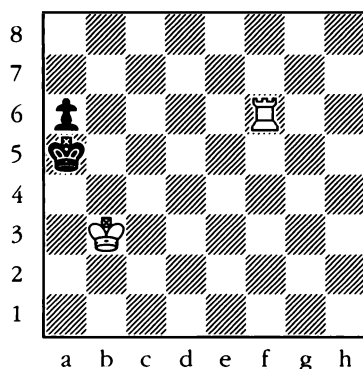
312

King + rook vs. king + pawn

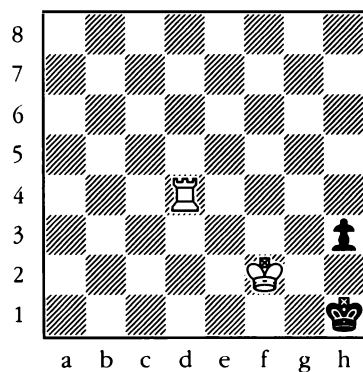
White to move. Checkmate in two moves.



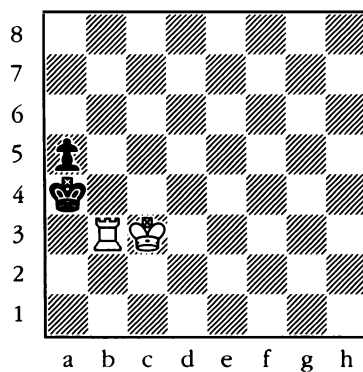
313



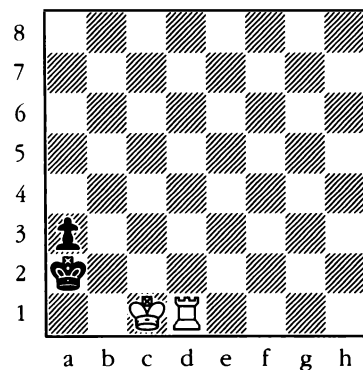
314



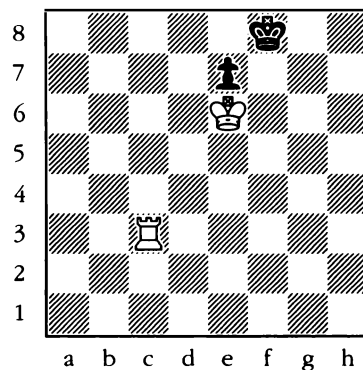
315



316



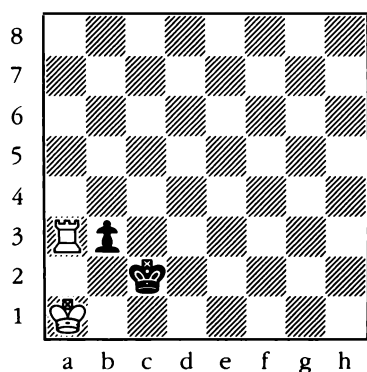
317



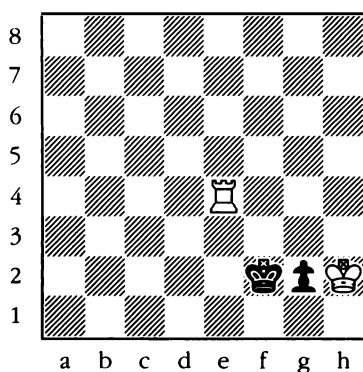
318

King + rook vs. king + pawn

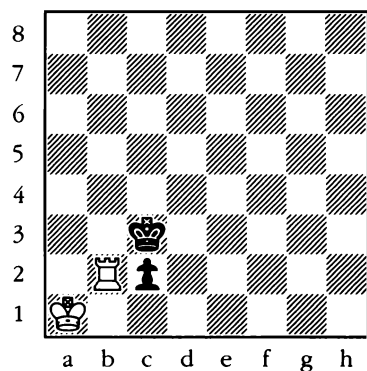
Black to move. Checkmate in two moves.



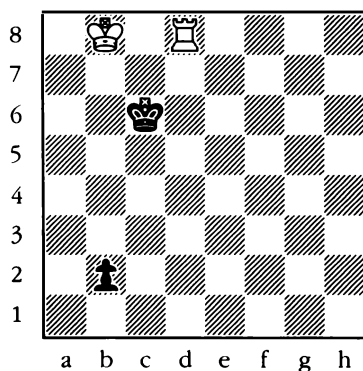
319



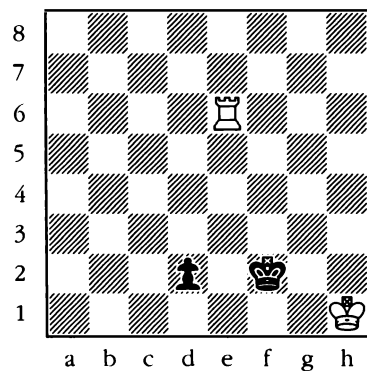
320



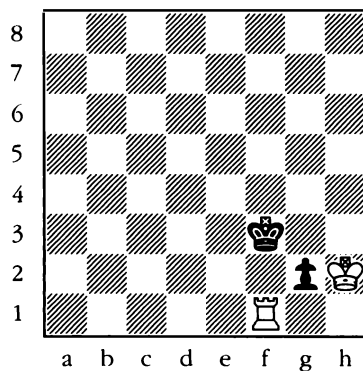
321



322



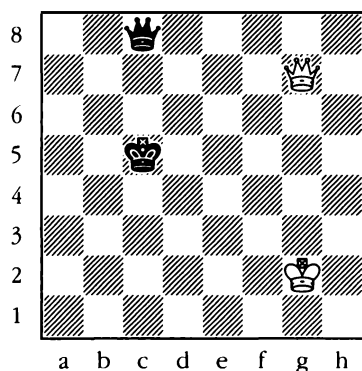
323



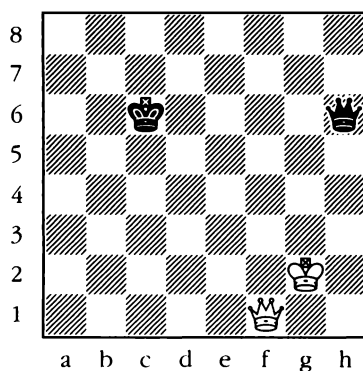
324

King + queen vs. king + queen

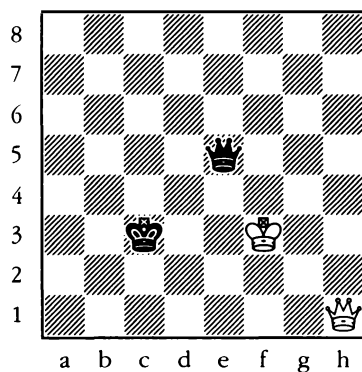
White to move. White wins Black's queen.



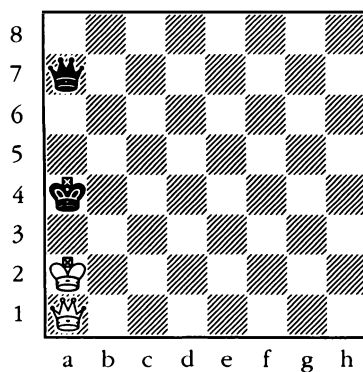
325



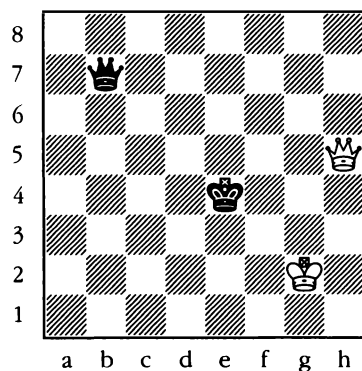
326



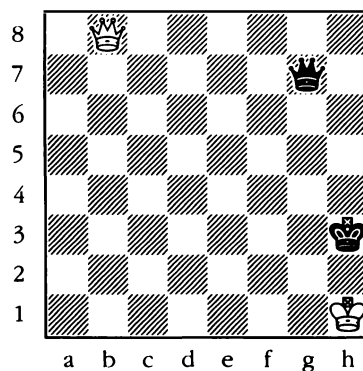
327



328



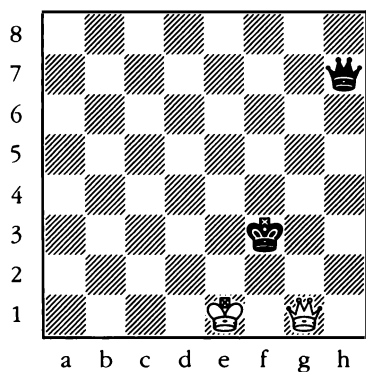
329



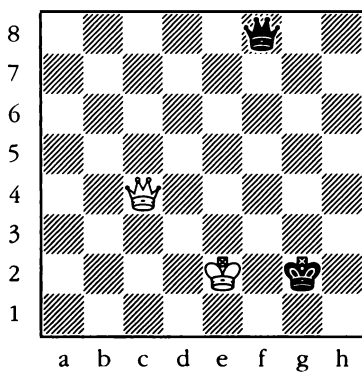
330

King + queen vs. king + queen

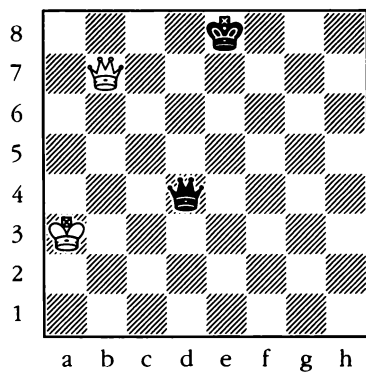
Black to move. Black wins White's queen.



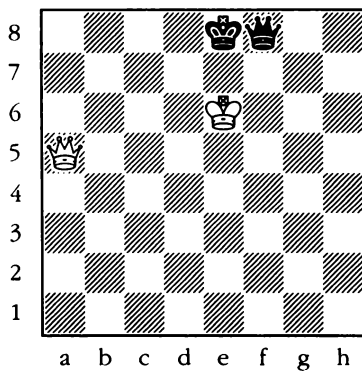
331



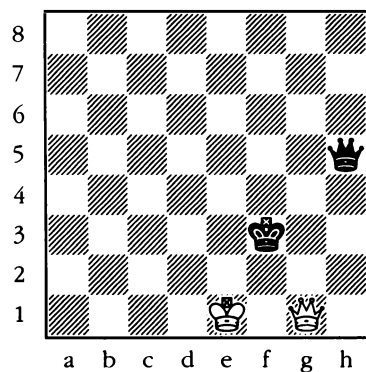
332



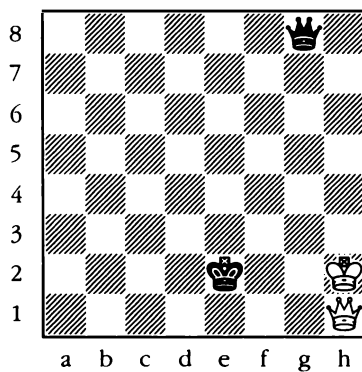
333



334



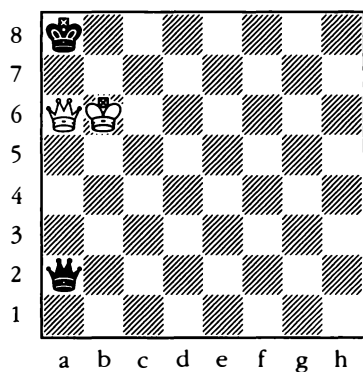
335



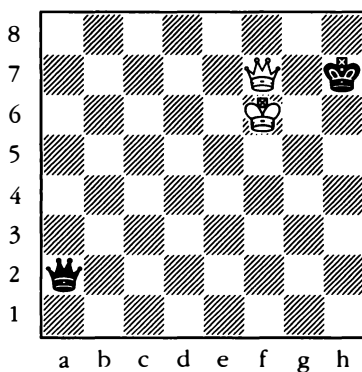
336

King + queen vs. king + queen

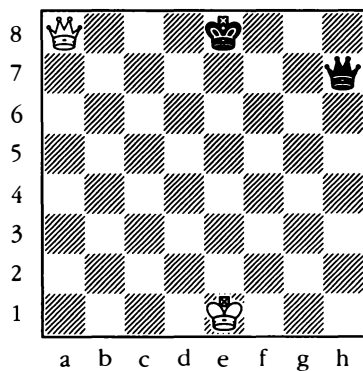
Black to move. Make a draw.



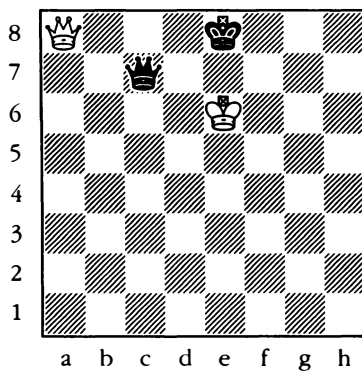
337



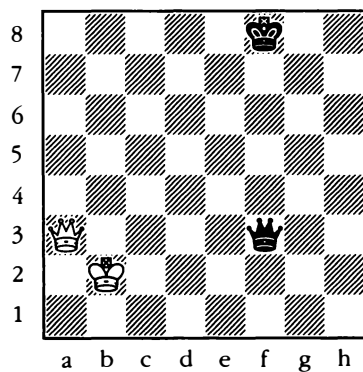
338



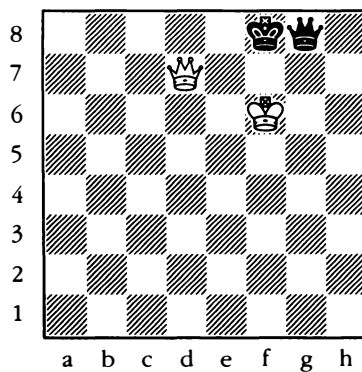
339



340



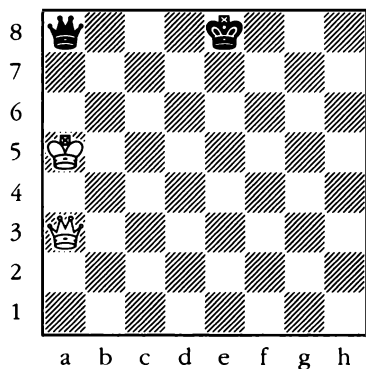
341



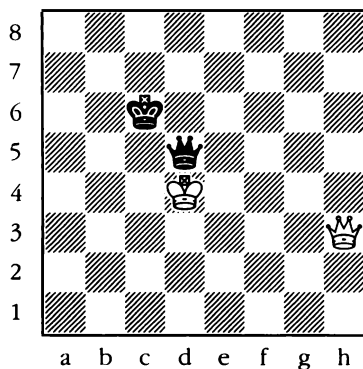
342

King + queen vs. king + queen

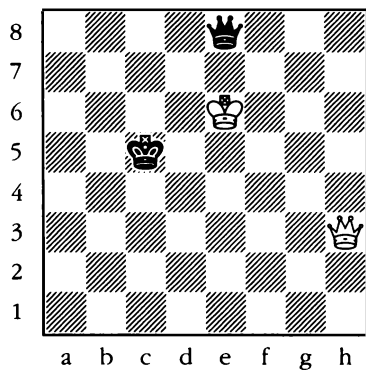
White to move. Make a draw.



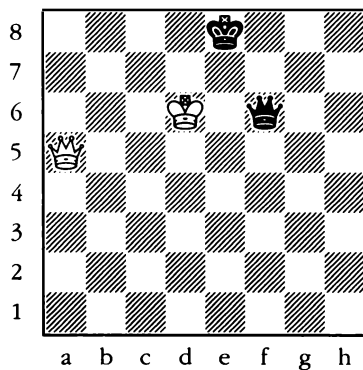
343



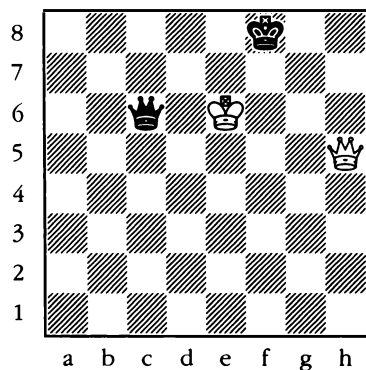
344



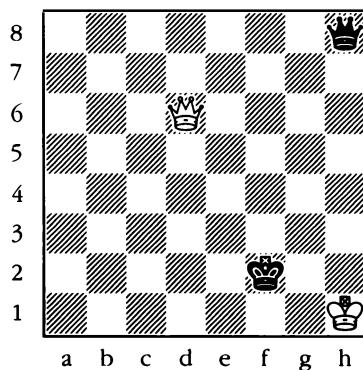
345



346



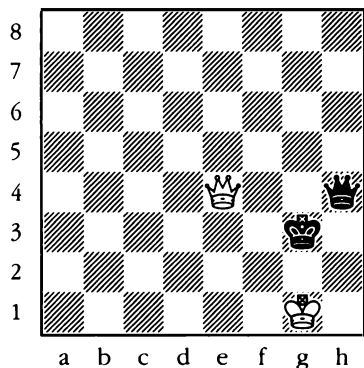
347



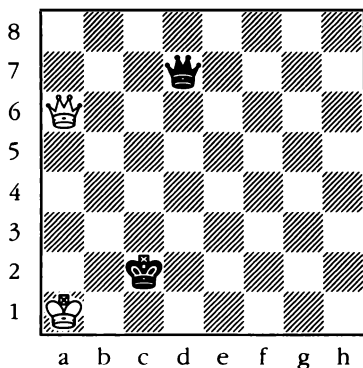
348

King + queen vs. king + queen

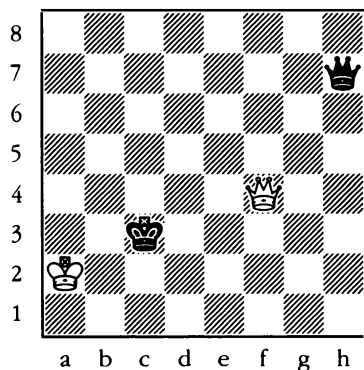
Black to move. Checkmate in two moves.



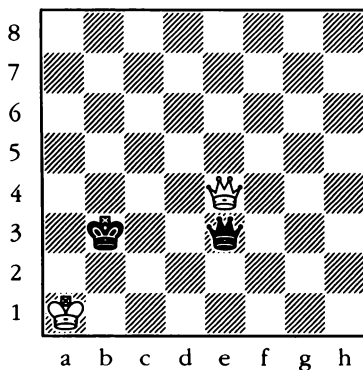
349



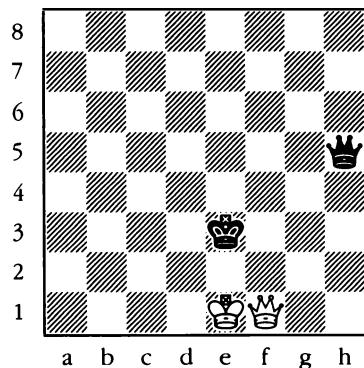
350



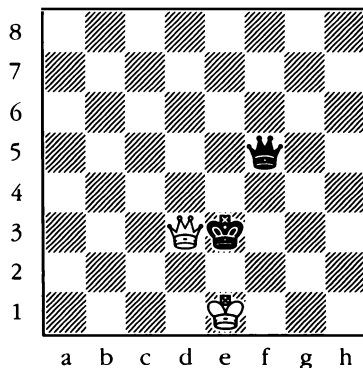
351



352



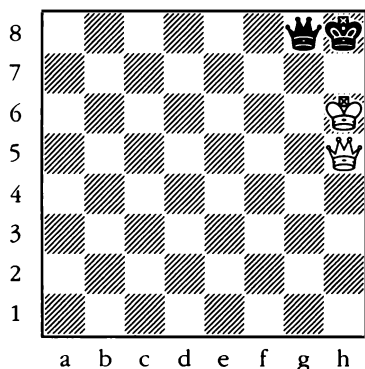
353



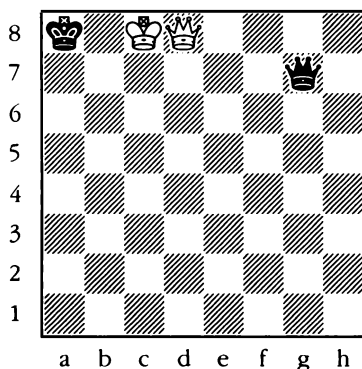
354

King + queen vs. king + queen

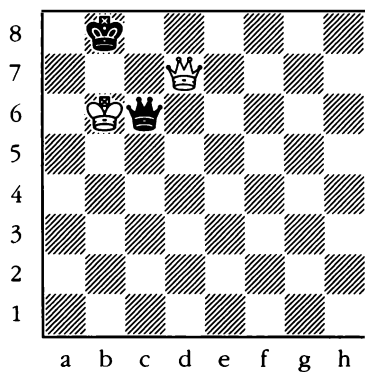
White to move. Checkmate in two moves.



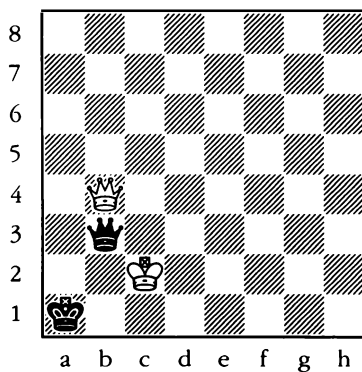
355



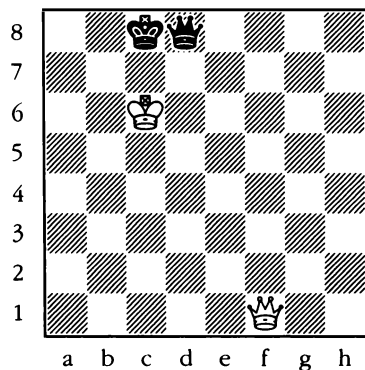
356



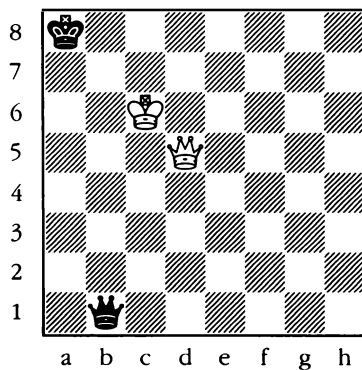
357



358



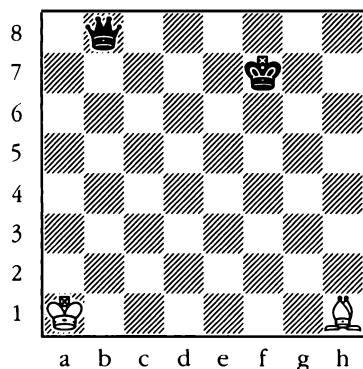
359



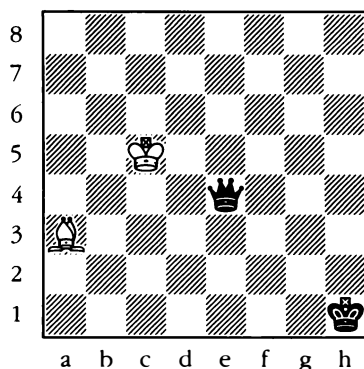
360

King + queen vs. king + bishop

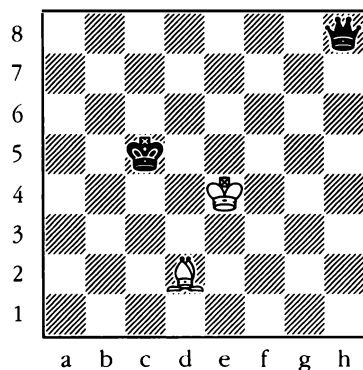
Black to move. Black wins the bishop in two moves.



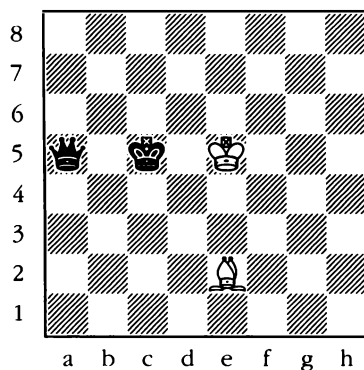
361



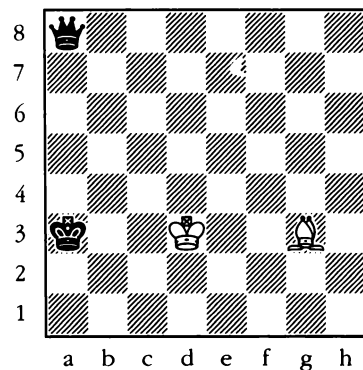
362



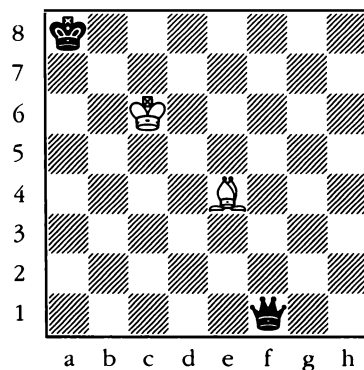
363



364



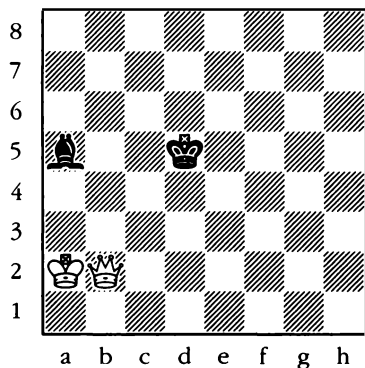
365



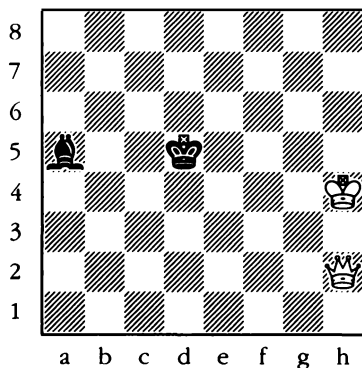
366

King + queen vs. king + bishop

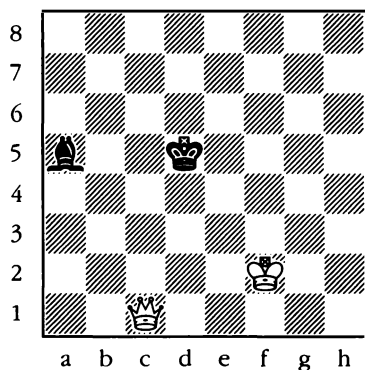
White to move. White wins the bishop in two moves.



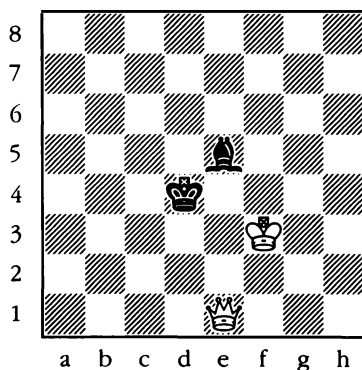
367



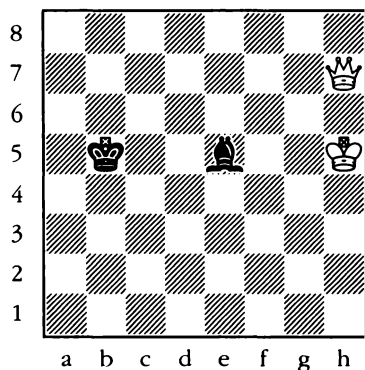
368



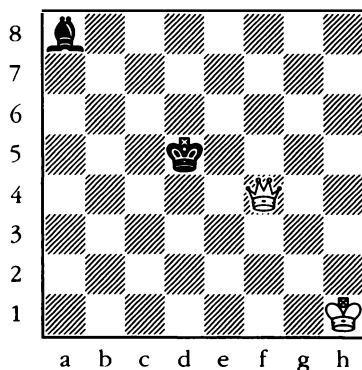
369



370



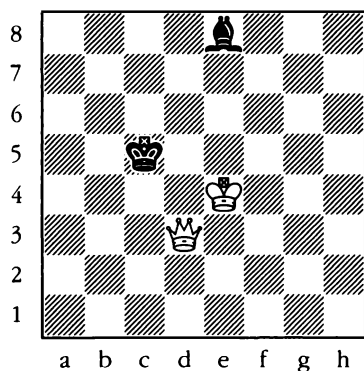
371



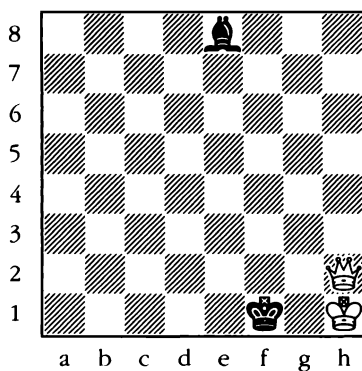
372

King + queen vs. king + bishop

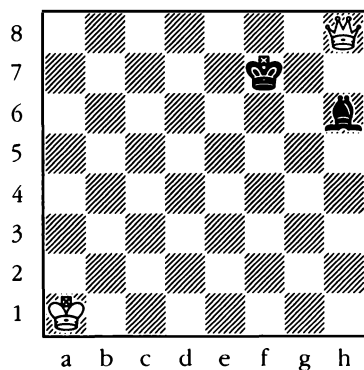
Black to move. Make a draw.



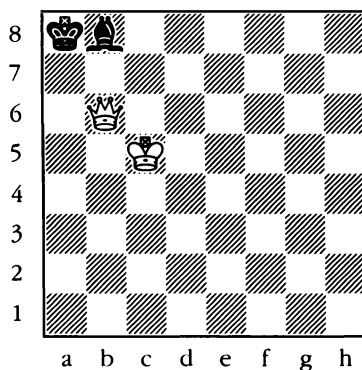
373



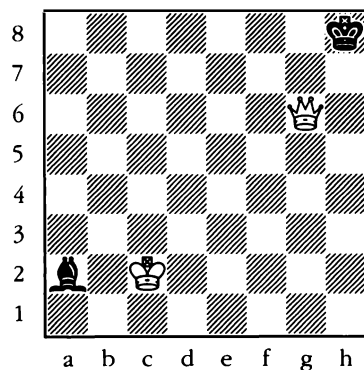
374



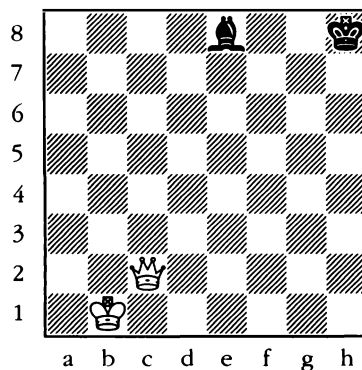
375



376



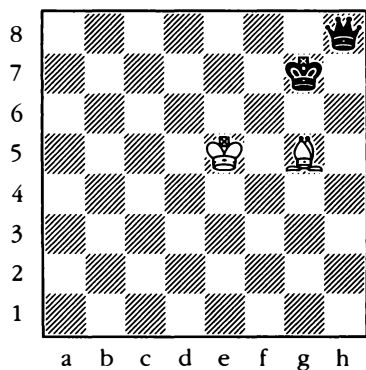
377



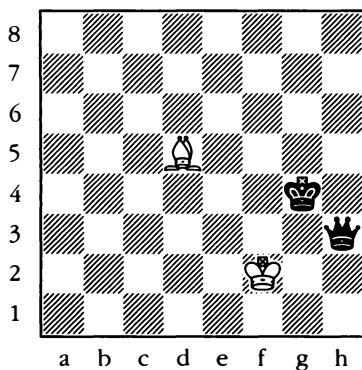
378

King + queen vs. king + bishop

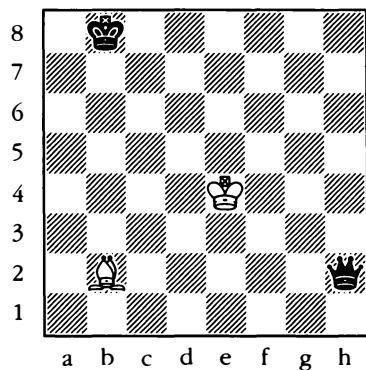
White to move. Make a draw.



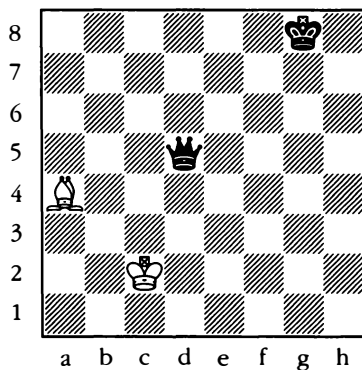
379



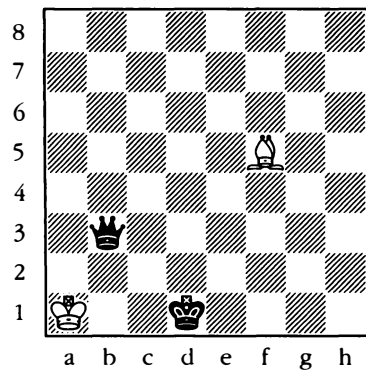
380



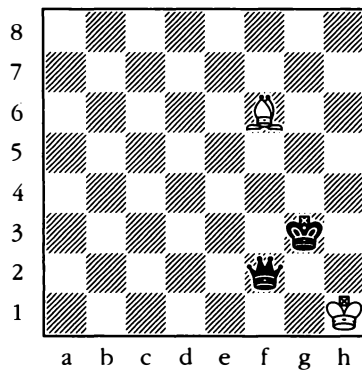
381



382



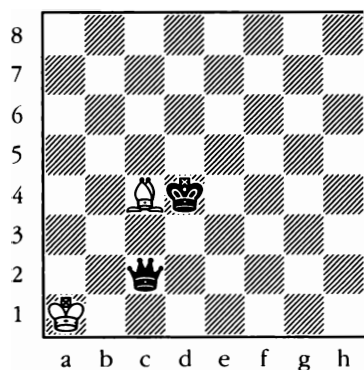
383



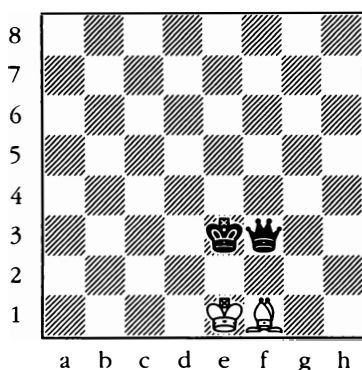
384

King + queen vs. king + bishop

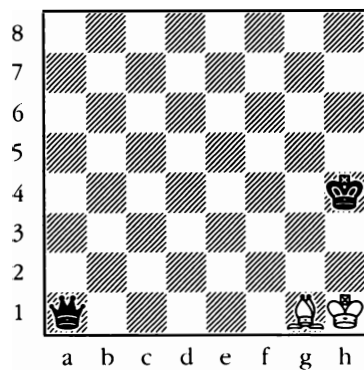
Black to move. Checkmate in two moves.



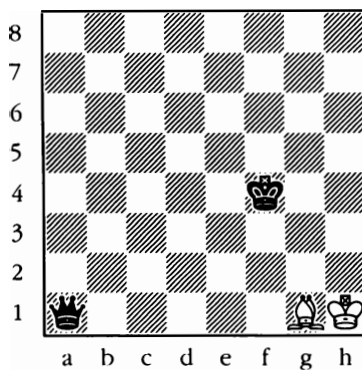
385



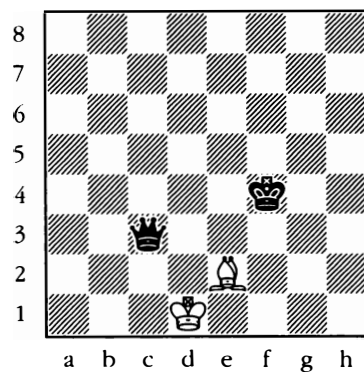
386



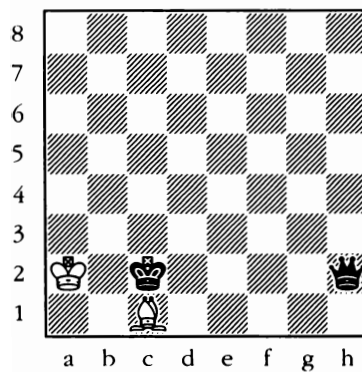
387



388



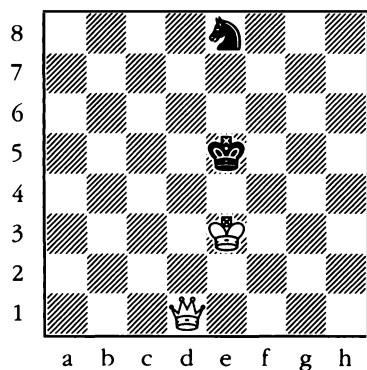
389



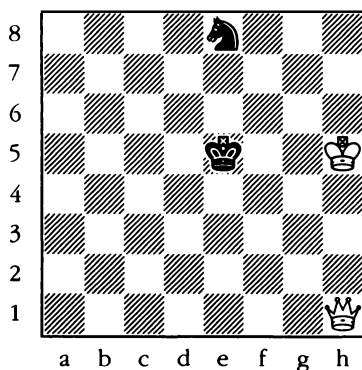
390

King + queen vs. king + knight

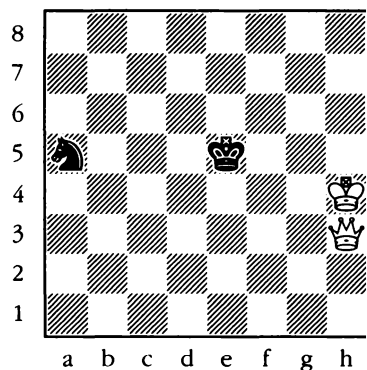
White to move. White wins the knight in two moves.



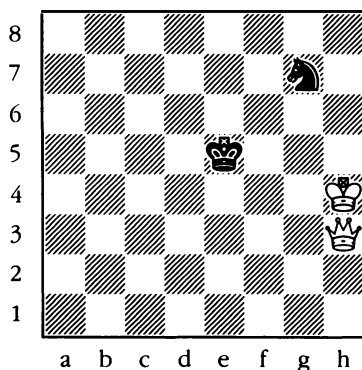
391



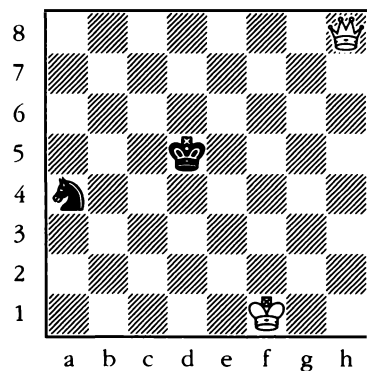
392



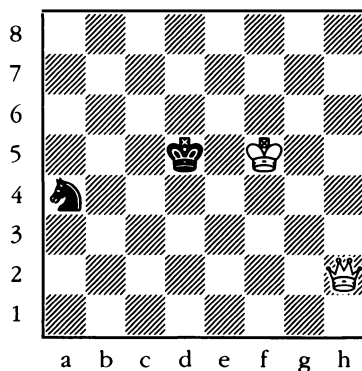
393



394



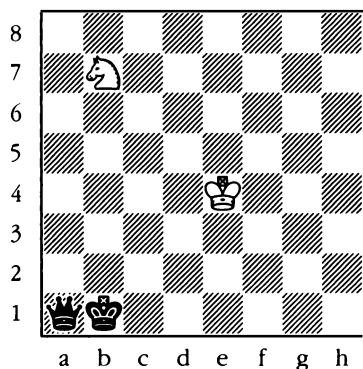
395



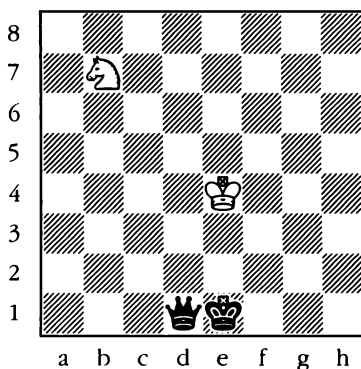
396

King + queen vs. king + knight

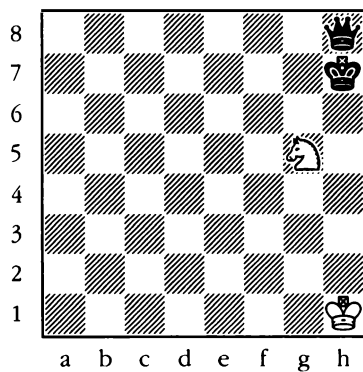
Black to move. Black wins the knight in two moves.



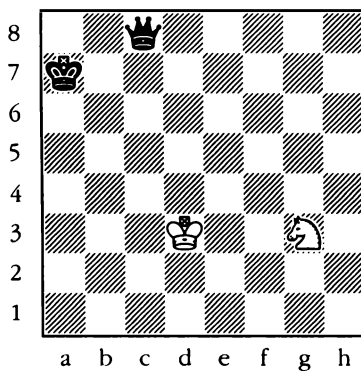
397



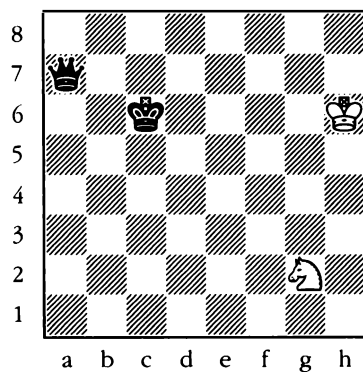
398



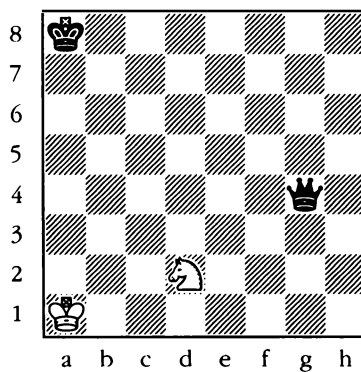
399



400



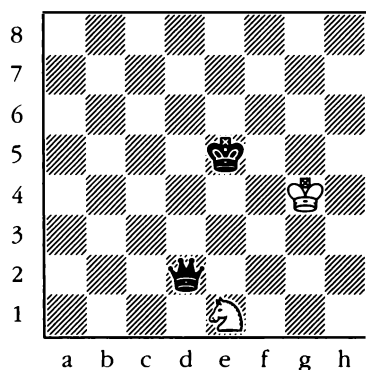
401



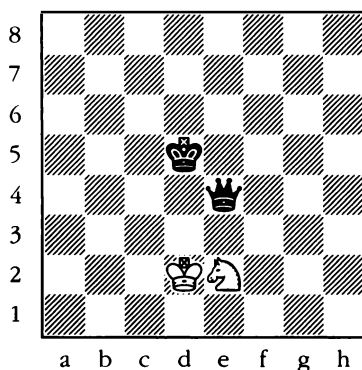
402

King + queen vs. king + knight

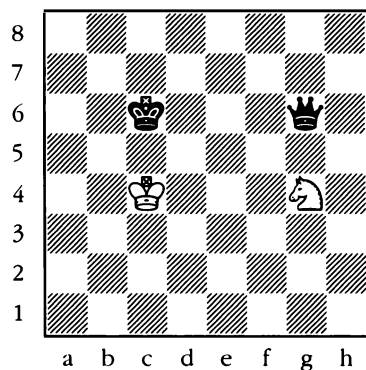
White to move. Make a draw.



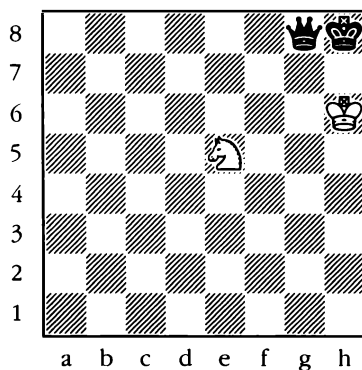
403



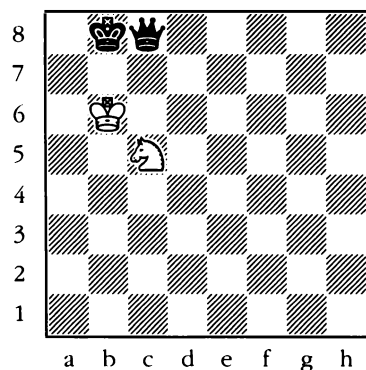
404



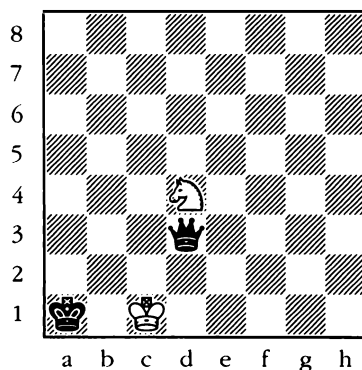
405



406



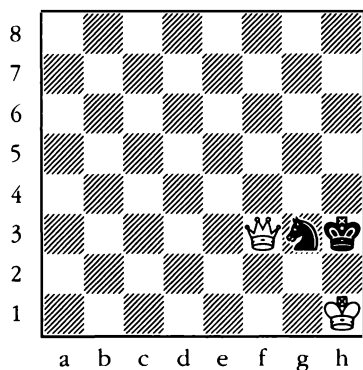
407



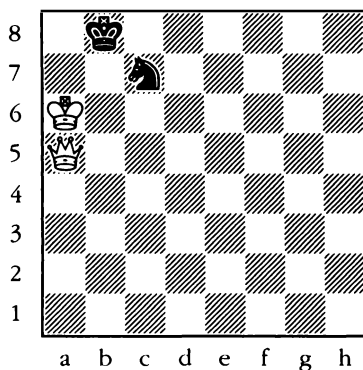
408

King + queen vs. king + knight

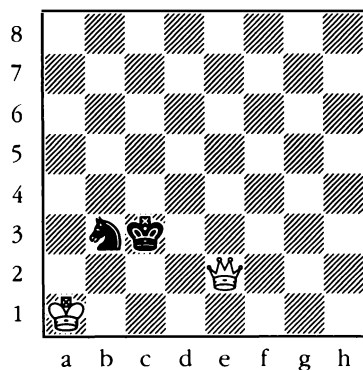
White to move. Find the best move.



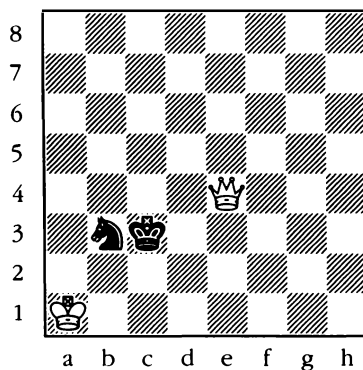
409



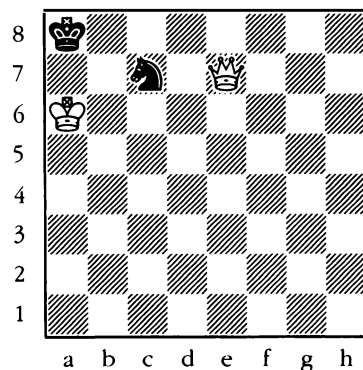
410



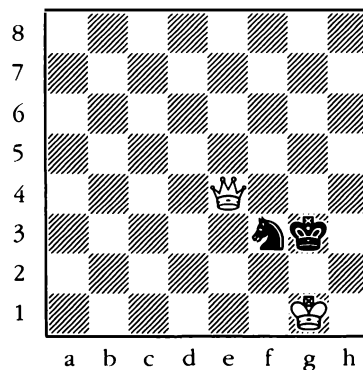
411



412



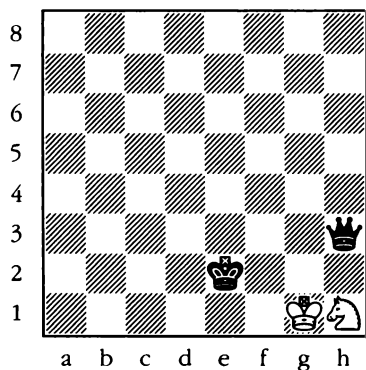
413



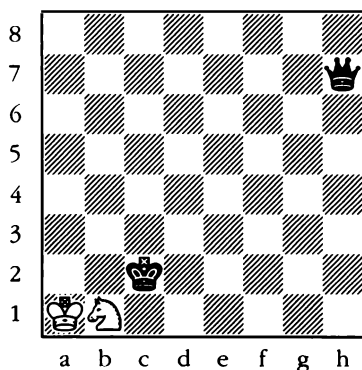
414

King + queen vs. king + knight

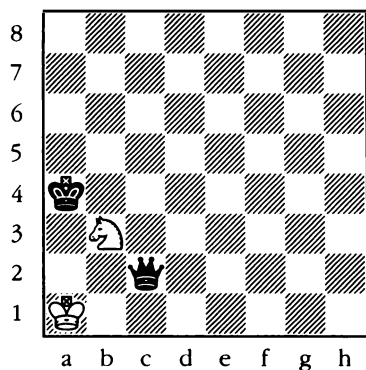
Black to move. Checkmate in two moves.



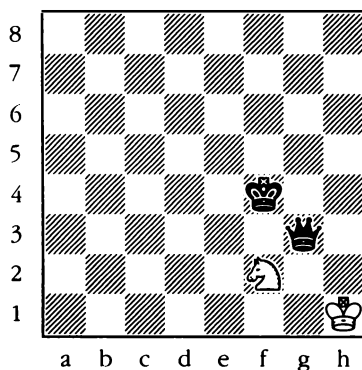
415



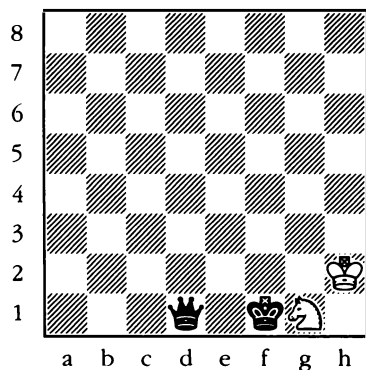
416



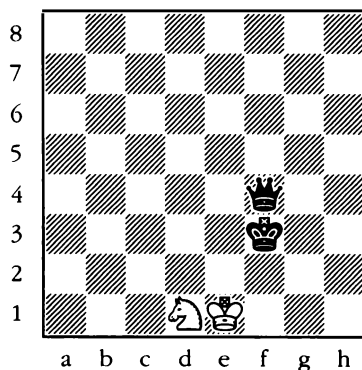
417



418



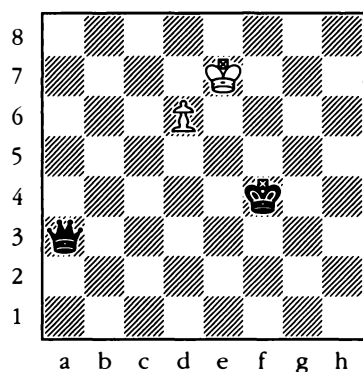
419



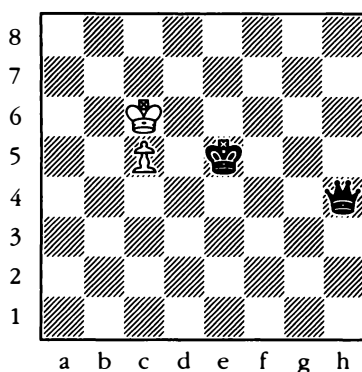
420

King + queen vs. king + pawn

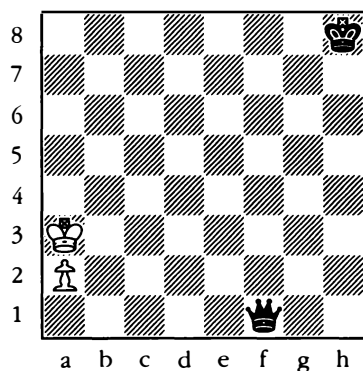
Black to move. Black wins the pawn in two moves.



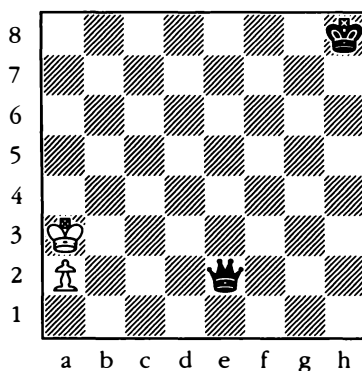
421



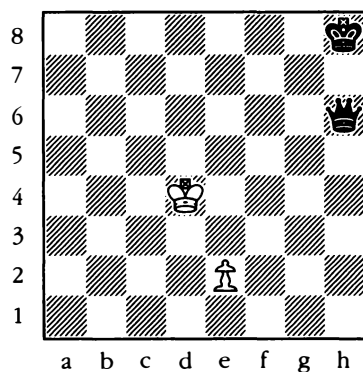
422



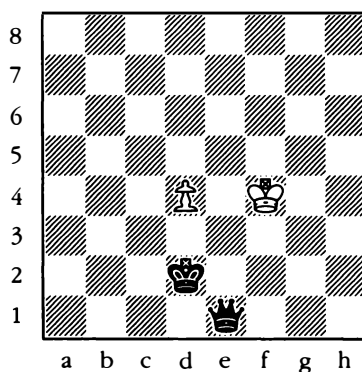
423



424



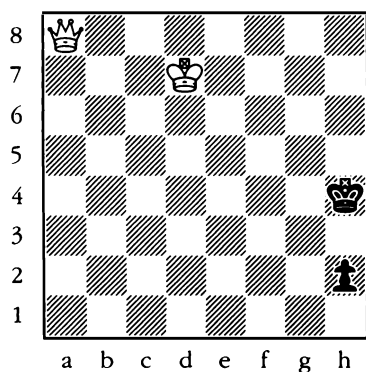
425



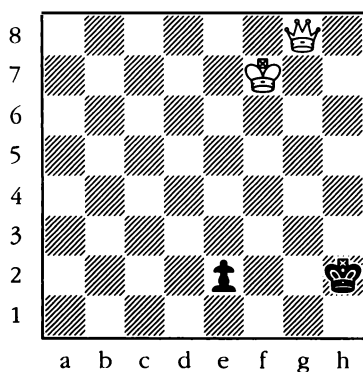
426

King + queen vs. king + pawn

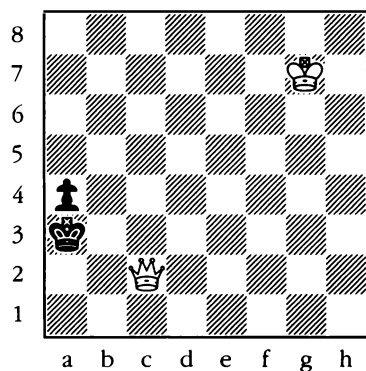
White to move. White wins the pawn in two moves.



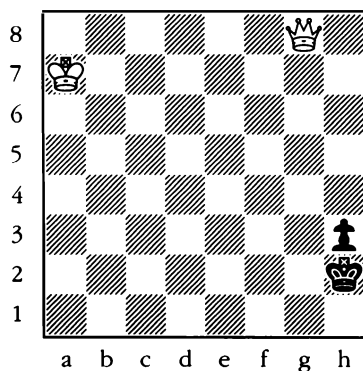
427



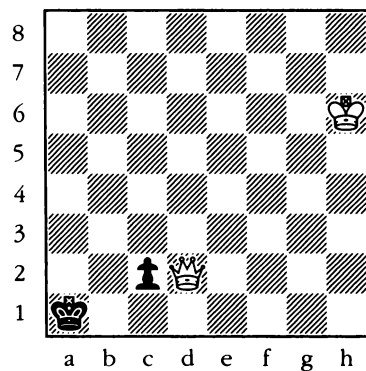
428



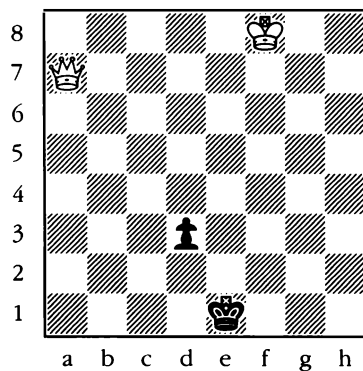
429



430



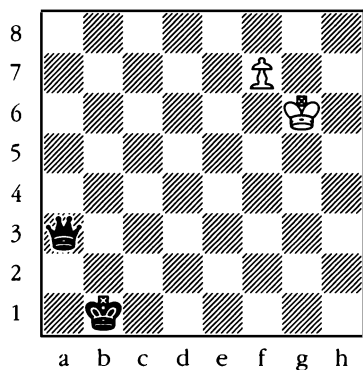
431



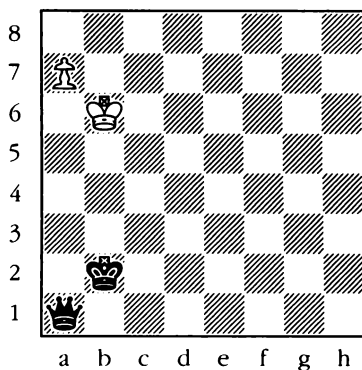
432

King + queen vs. king + pawn

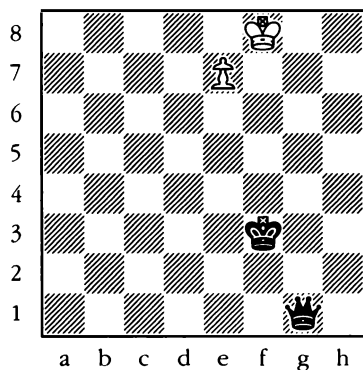
Black to move. Find the best move.



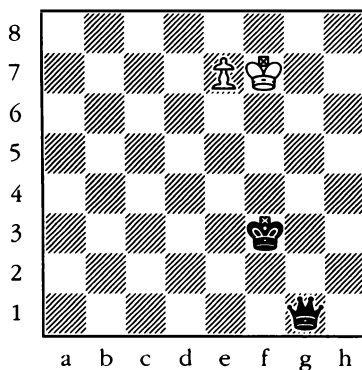
433



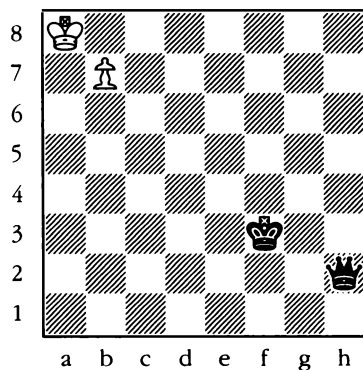
434



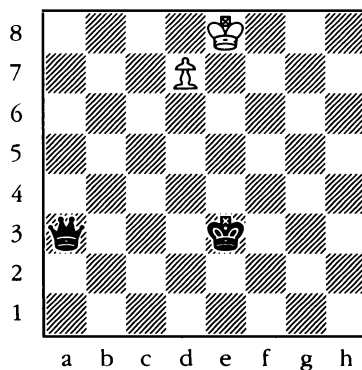
435



436



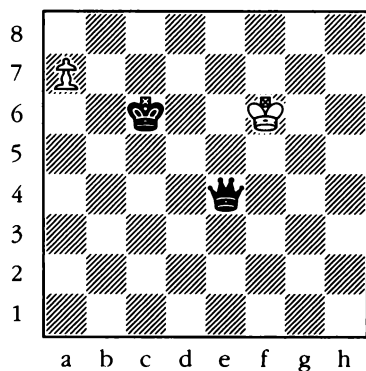
437



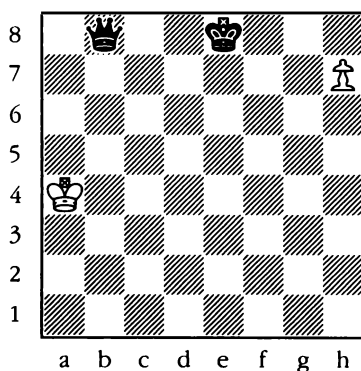
438

King + queen vs. king + pawn

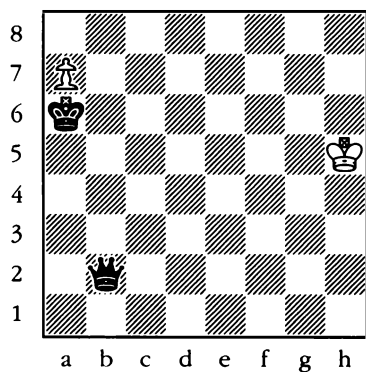
White to move and win.



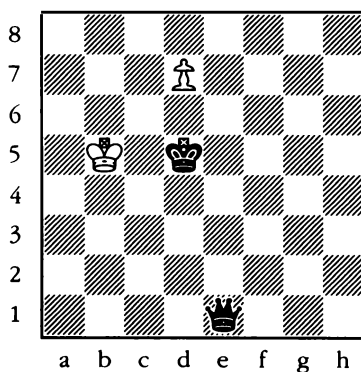
439



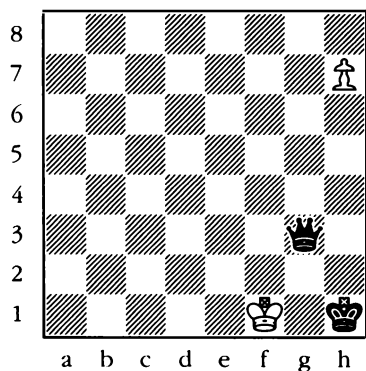
440



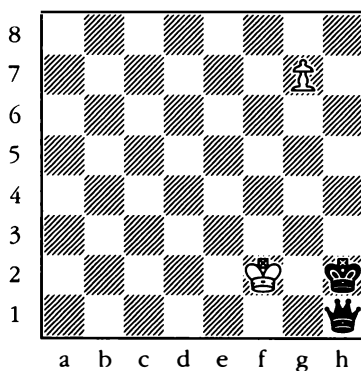
441



442



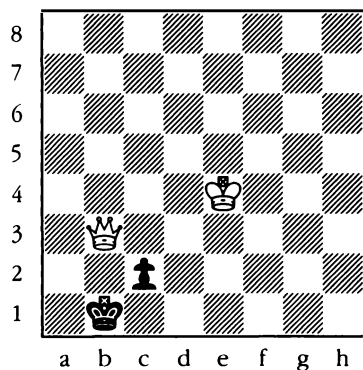
443



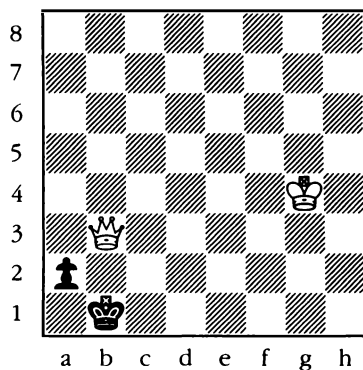
444

King + queen vs. king + pawn

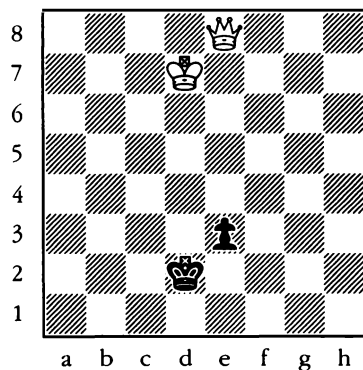
Black to move. Find the best move.



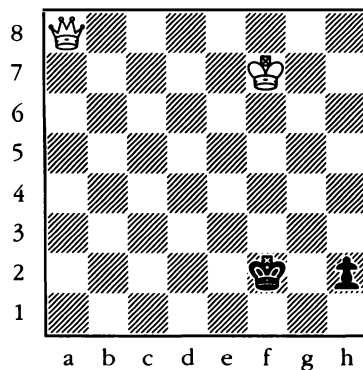
445



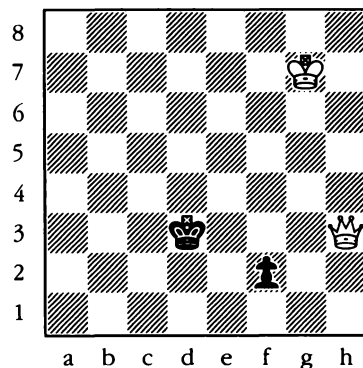
446



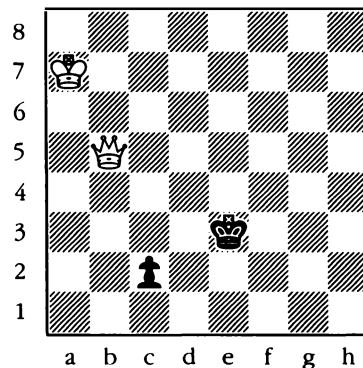
447



448



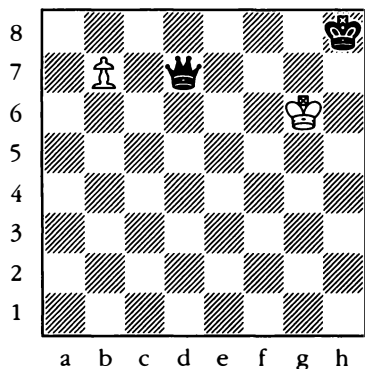
449



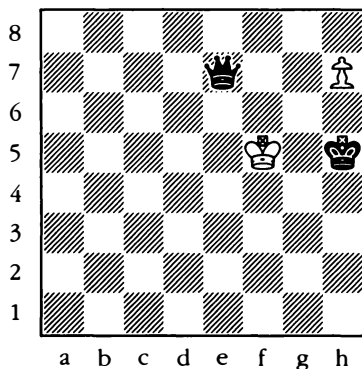
450

King + queen vs. king + pawn

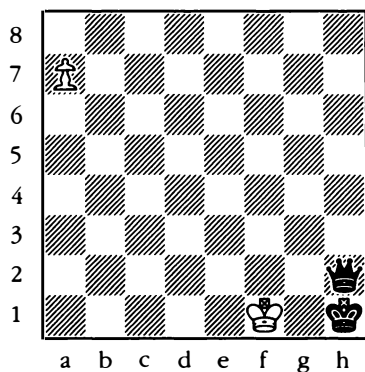
White to move. Checkmate in two moves.



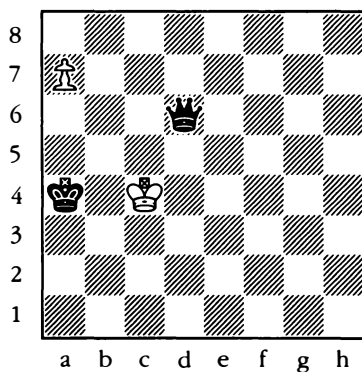
451



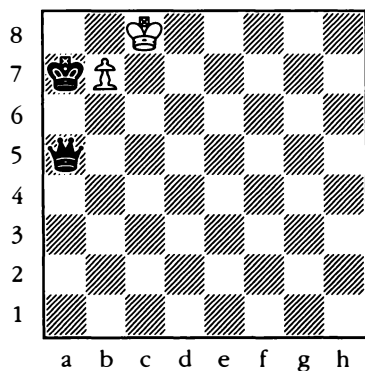
452



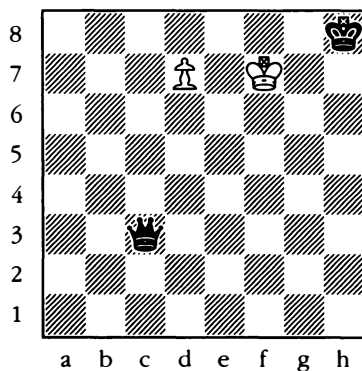
453



454



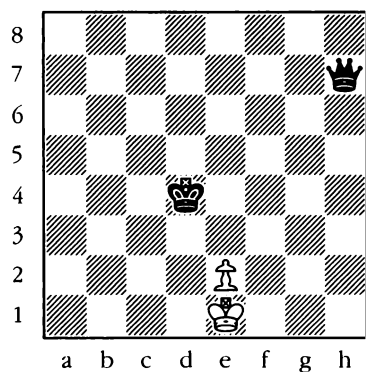
455



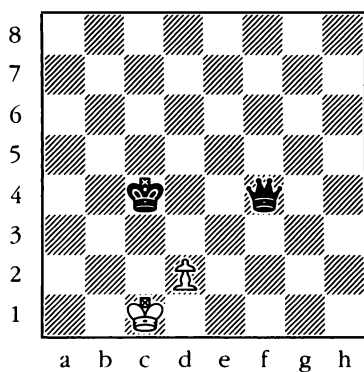
456

King + queen vs. king + pawn

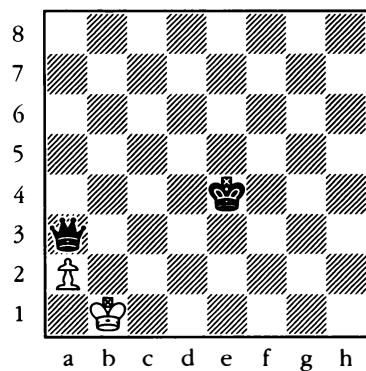
Black to move. Checkmate in two moves.



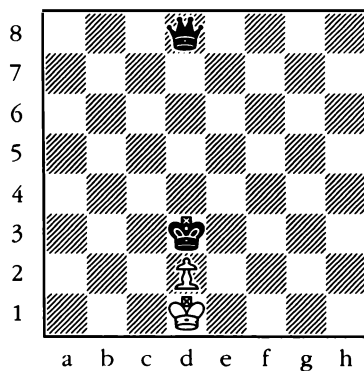
457



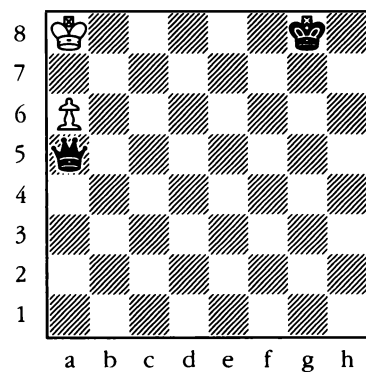
458



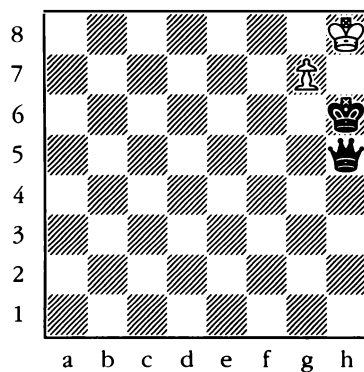
459



460



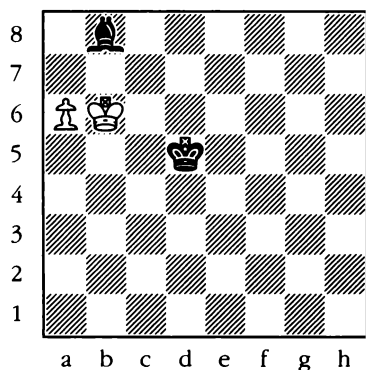
461



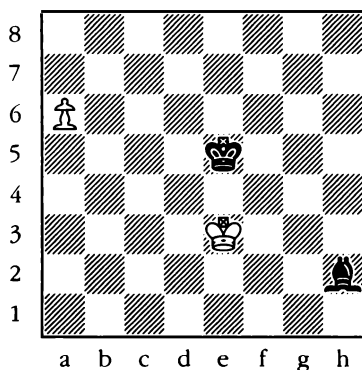
462

King + bishop vs. king + pawn

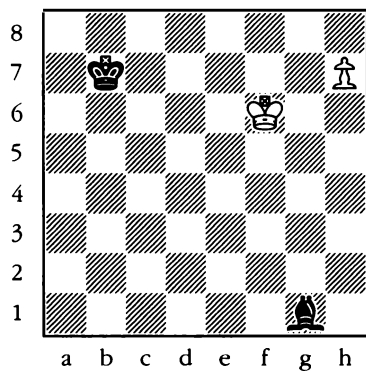
White to move and win.



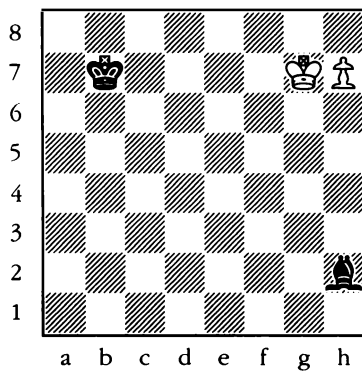
463



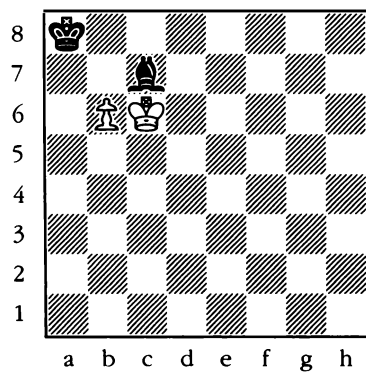
464



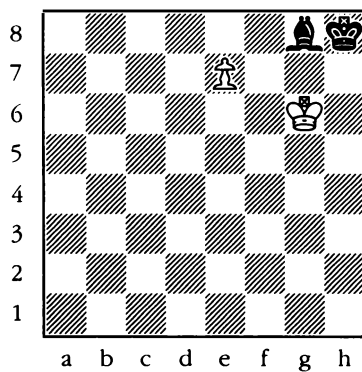
465



466



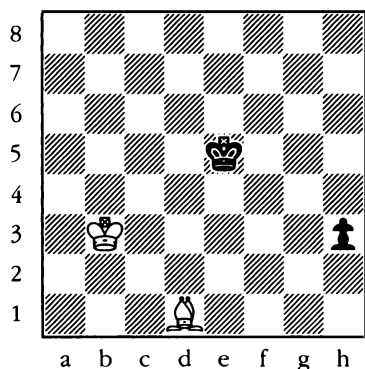
467



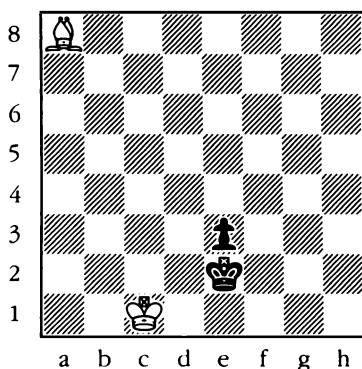
468

King + bishop vs. king + pawn

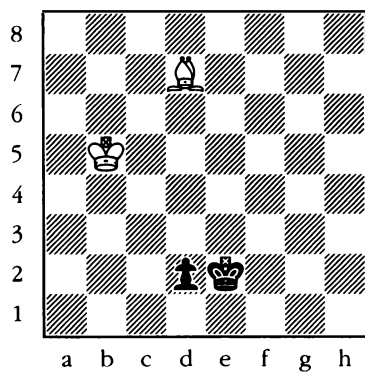
Black to move and win.



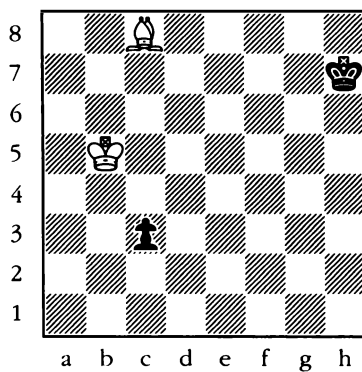
469



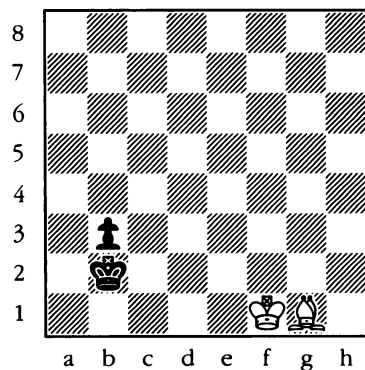
470



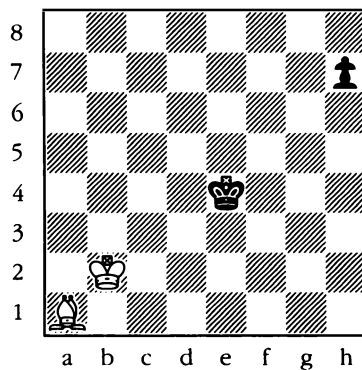
471



472



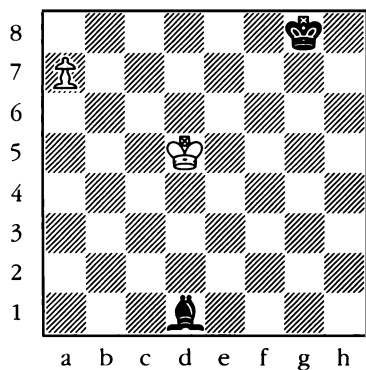
473



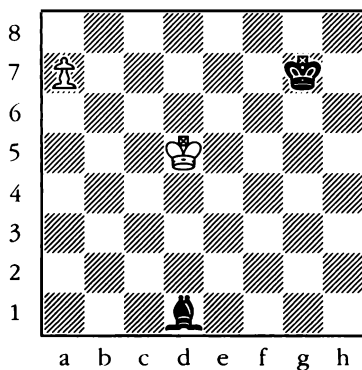
474

King + bishop vs. king + pawn

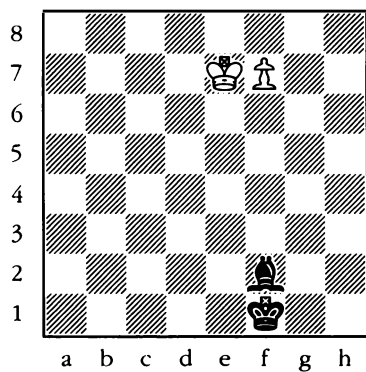
White to move. Is advancing the pawn the best move?



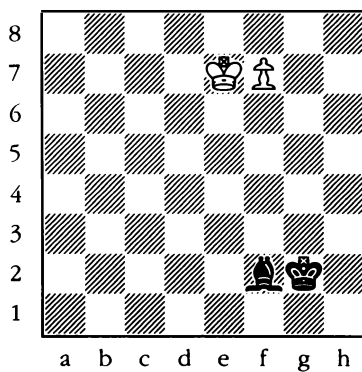
475



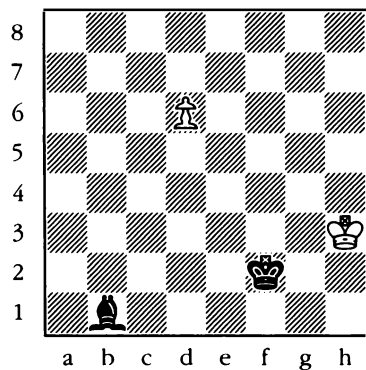
476



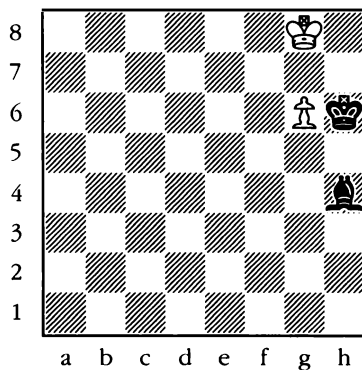
477



478



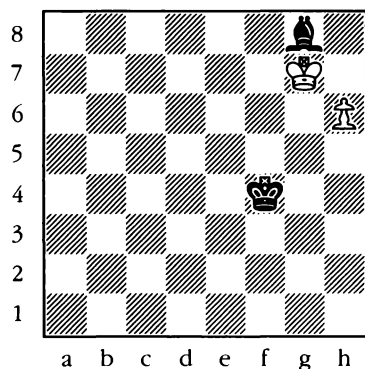
479



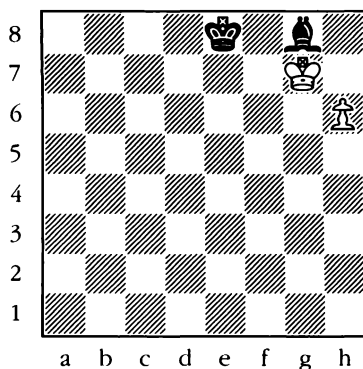
480

King + bishop vs. king + pawn

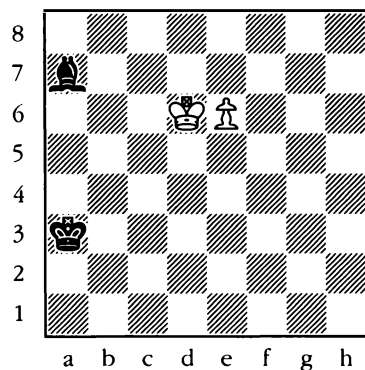
Black to move. Make a draw.



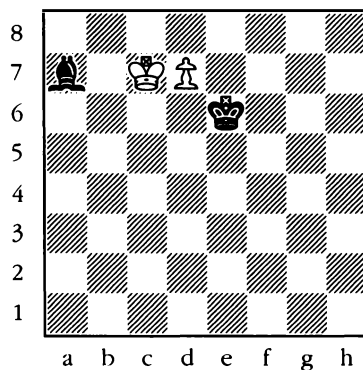
481



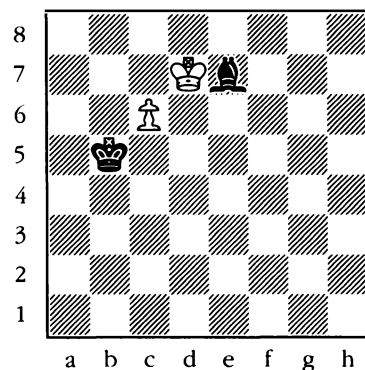
482



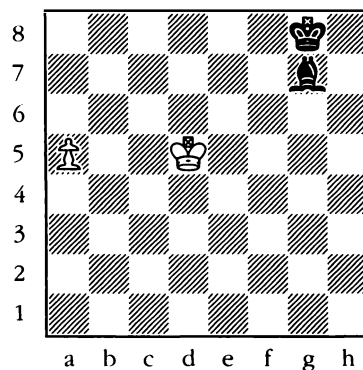
483



484



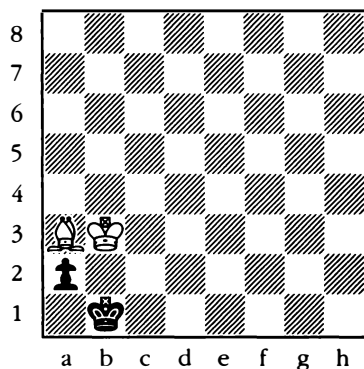
485



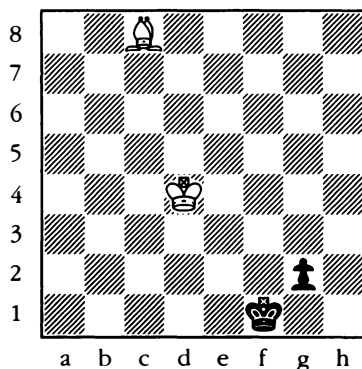
486

King + bishop vs. king + pawn

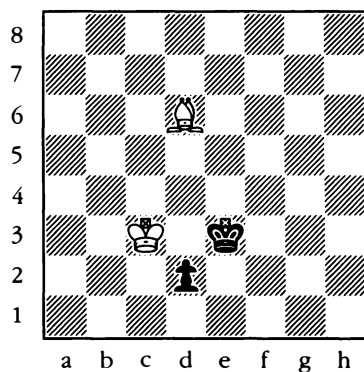
White to move. Make a draw.



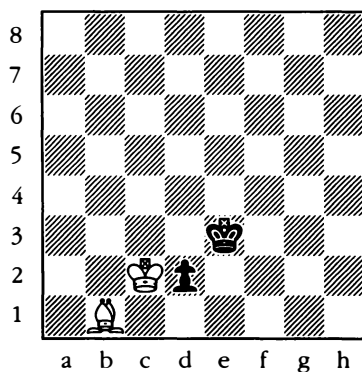
487



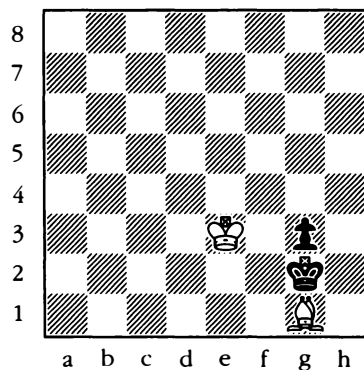
488



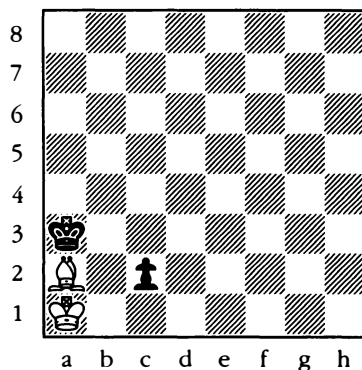
489



490



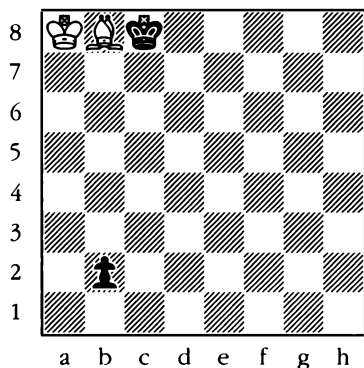
491



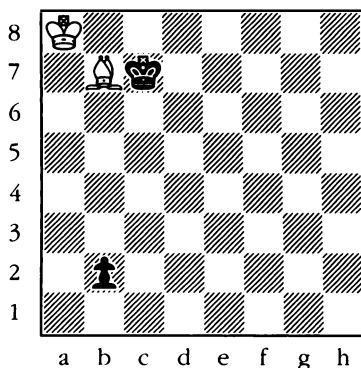
492

King + bishop vs. king + pawn

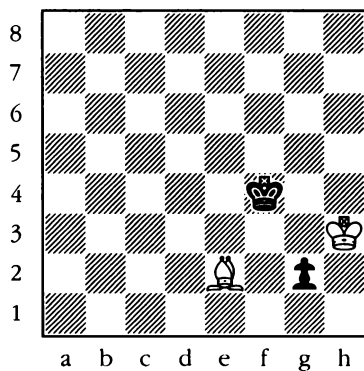
Black to move. Checkmate in two moves.



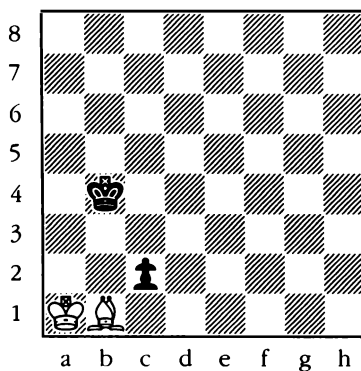
493



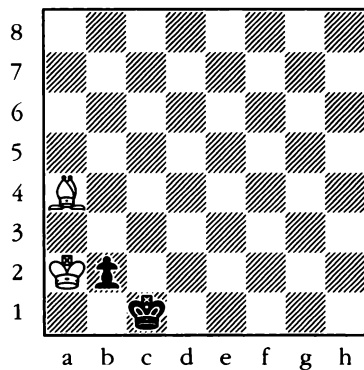
494



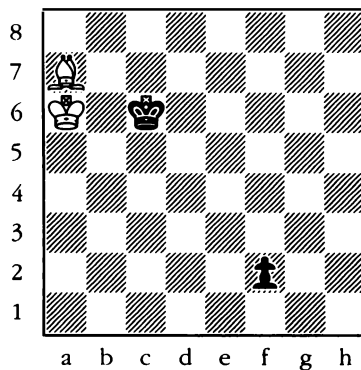
495



496



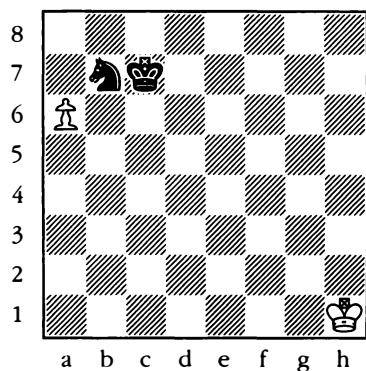
497



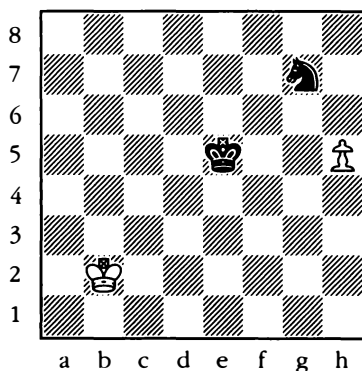
498

King + knight vs. king + pawn

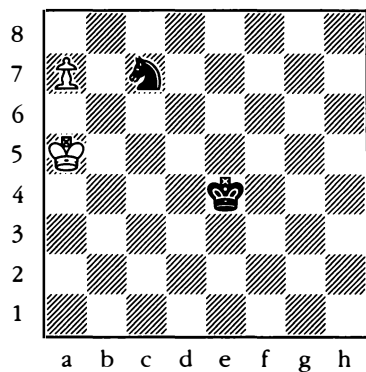
White to move and win.



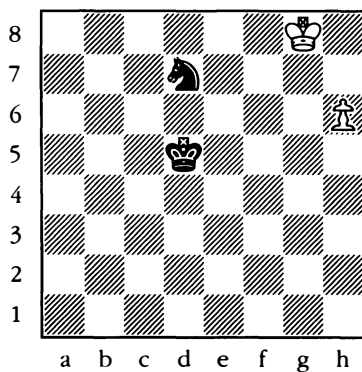
499



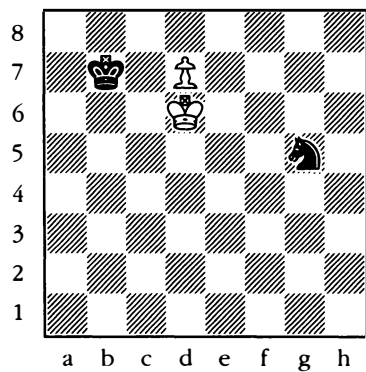
500



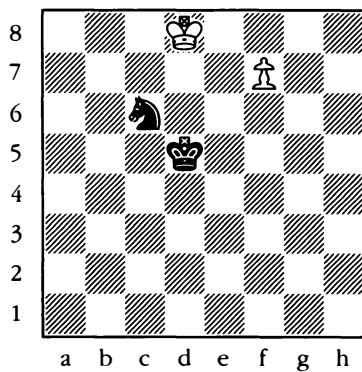
501



502



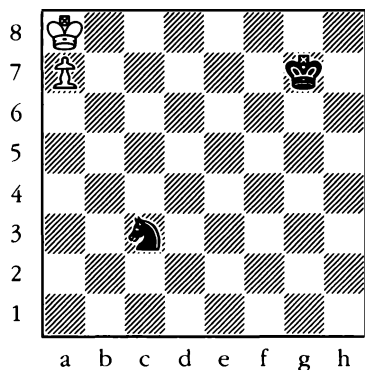
503



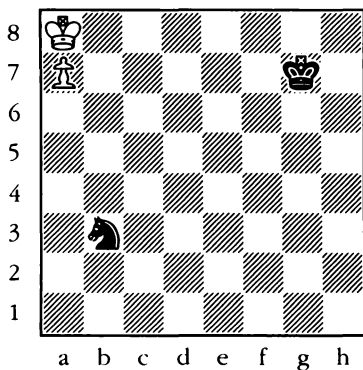
504

King + knight vs. king + pawn

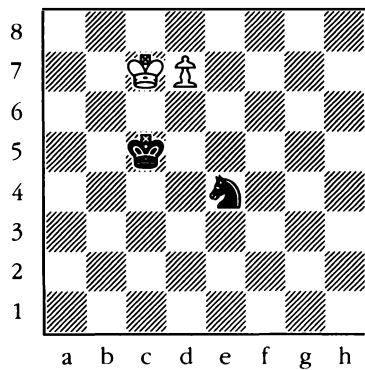
Black to move. Make a draw.



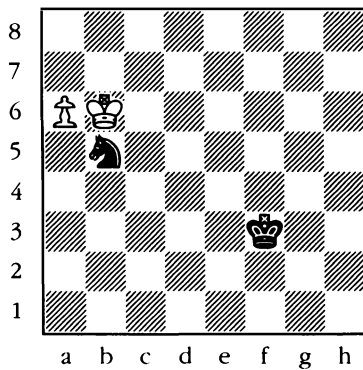
505



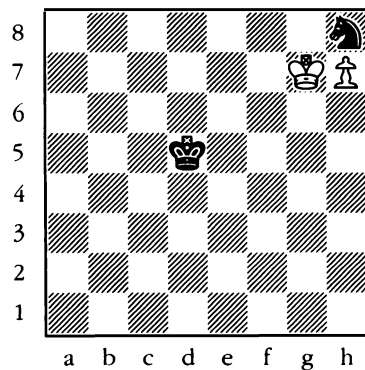
506



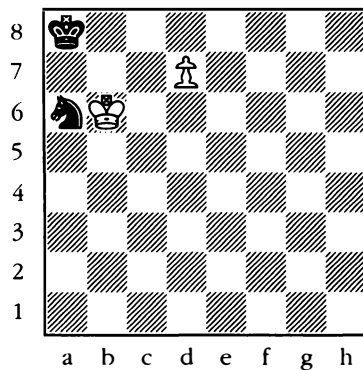
507



508



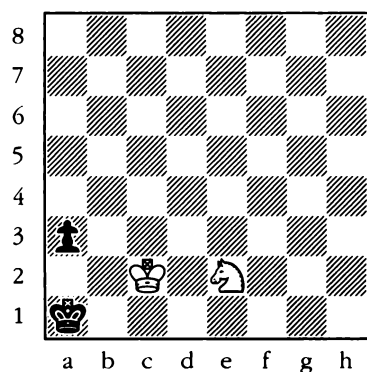
509



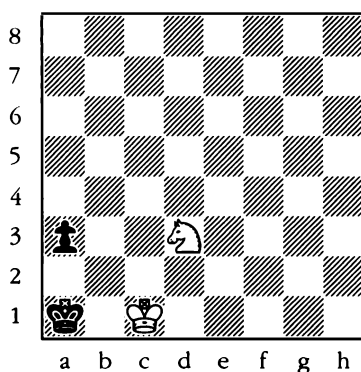
510

King + knight vs. king + pawn

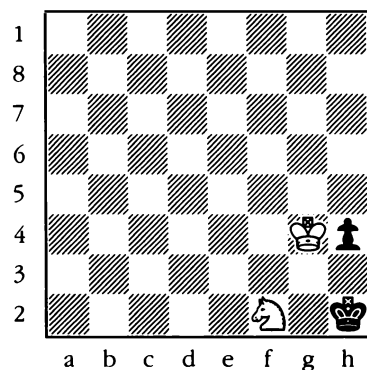
White to move. Checkmate in two moves.



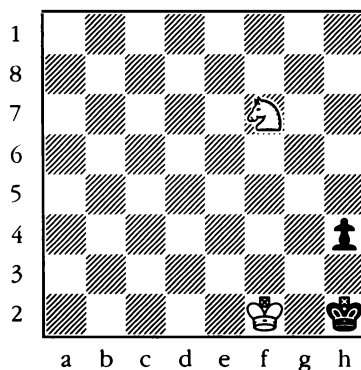
511



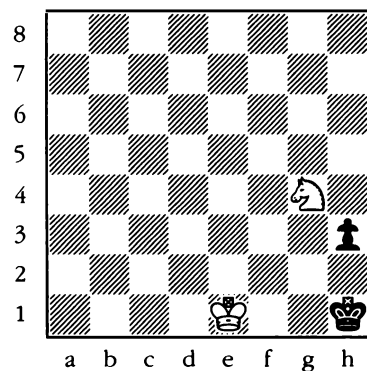
512



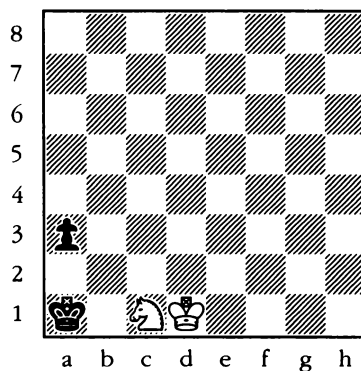
513



514



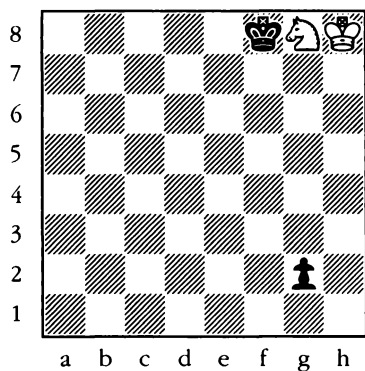
515



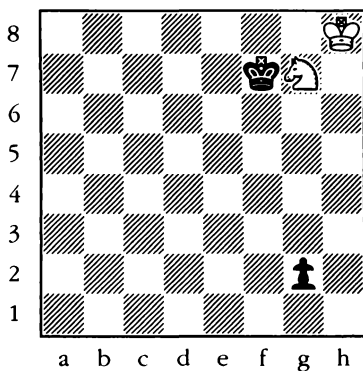
516

King + knight vs. king + pawn

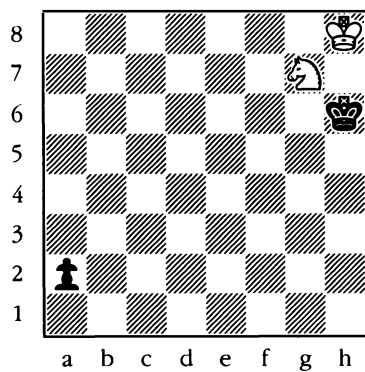
Black to move. Checkmate in two moves.



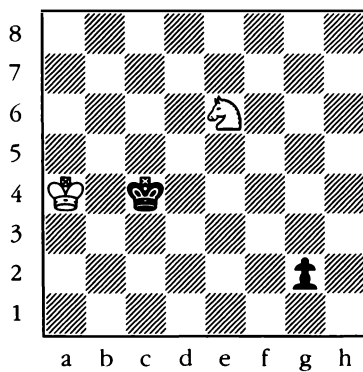
517



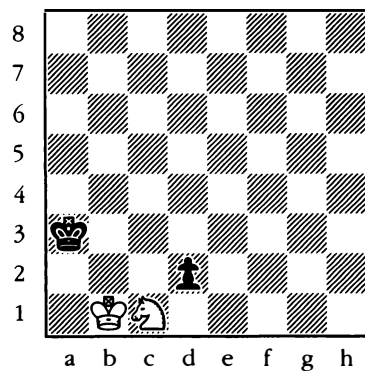
518



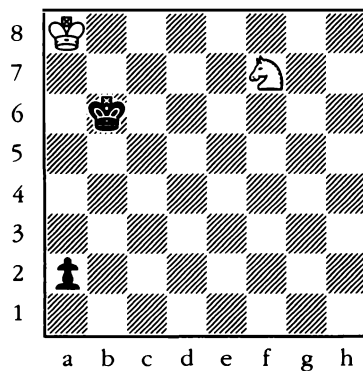
519



520



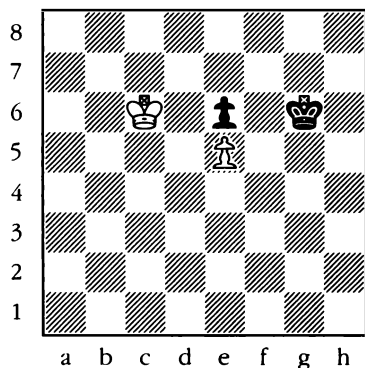
521



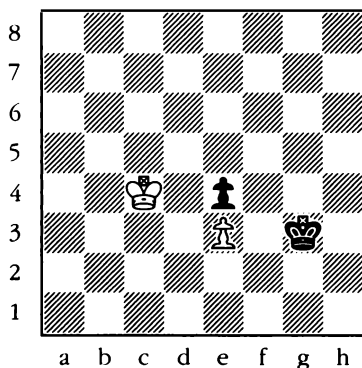
522

King + pawn vs. king + pawn

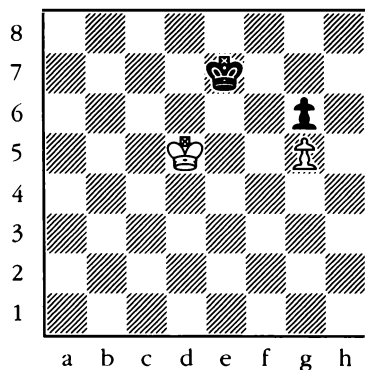
White to move and win.



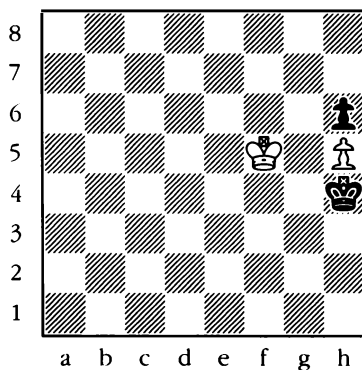
523



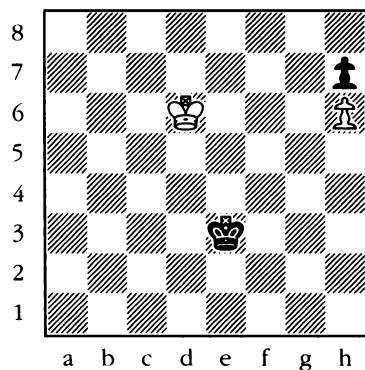
524



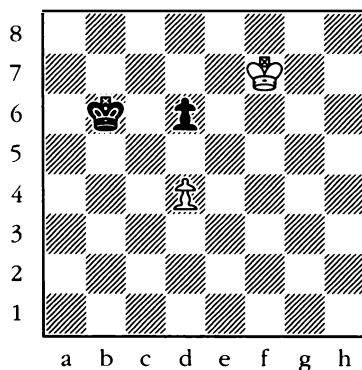
525



526



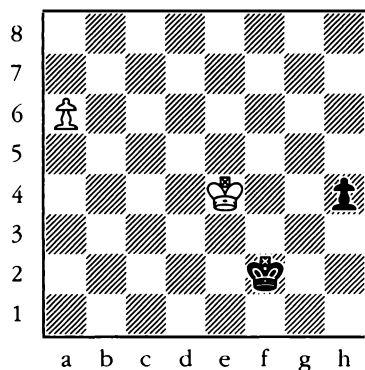
527



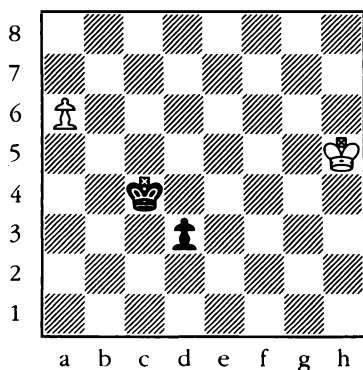
528

King + pawn vs. king + pawn

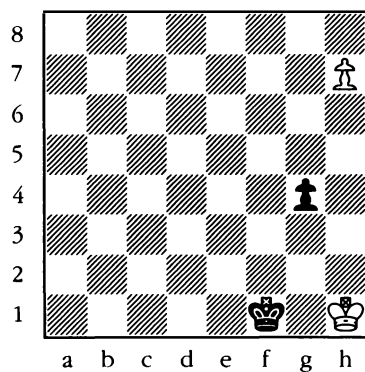
Black to move and win.



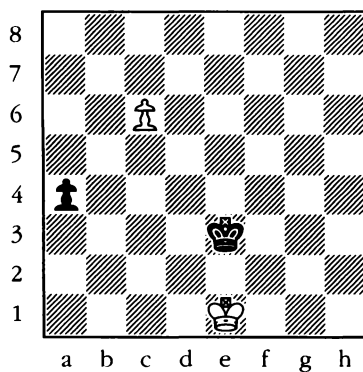
529



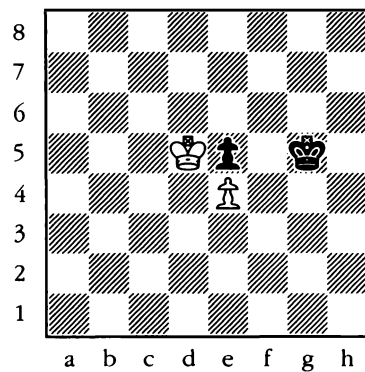
530



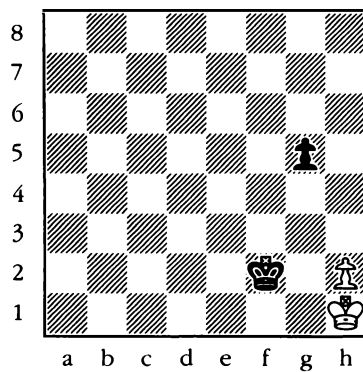
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532



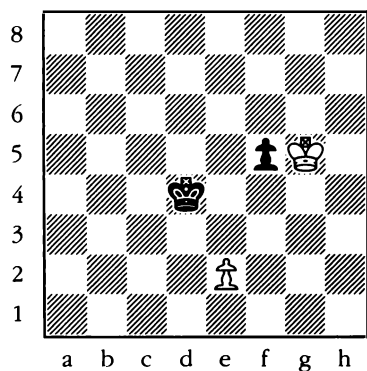
533



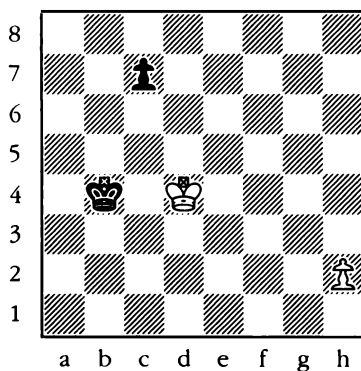
534

King + pawn vs. king + pawn

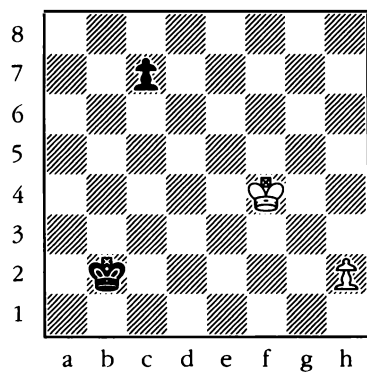
White to move and win.



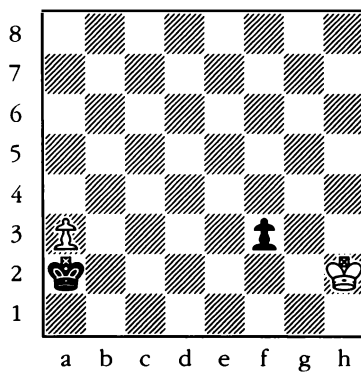
535



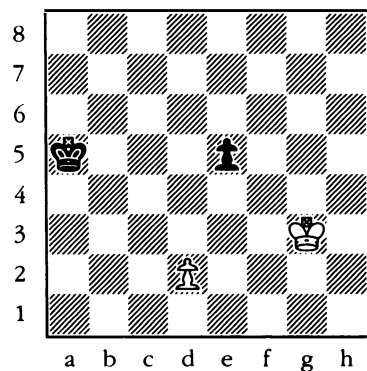
536



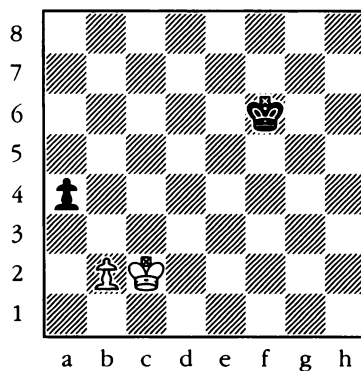
537



538



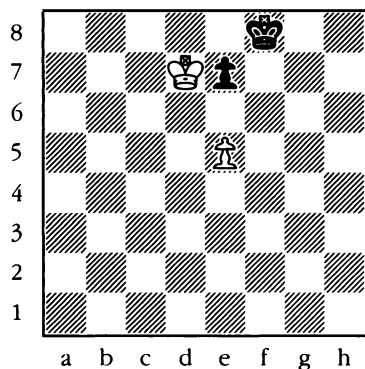
539



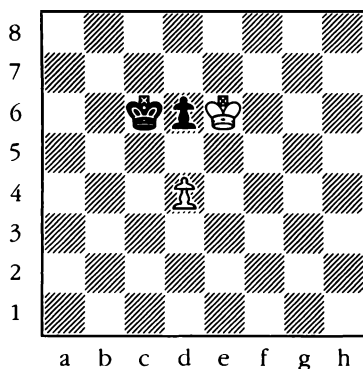
540

King + pawn vs. king + pawn

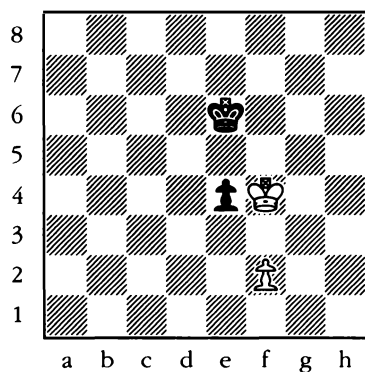
Black to move. Make a draw.



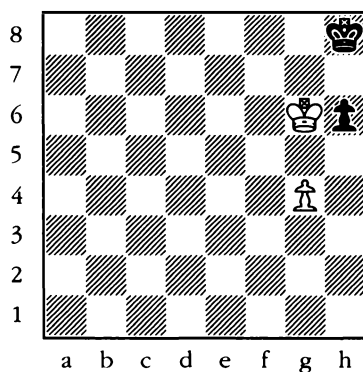
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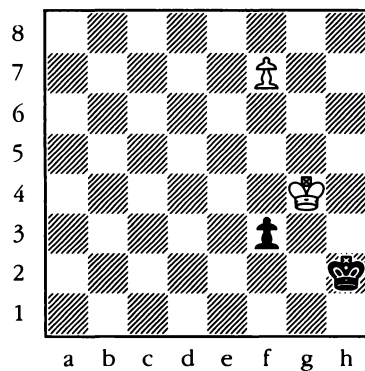
542



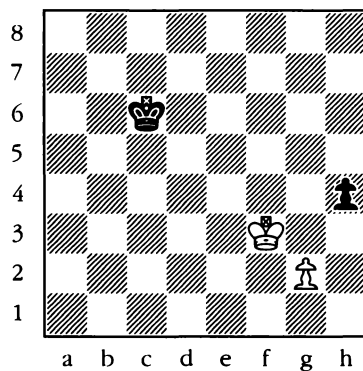
543



544



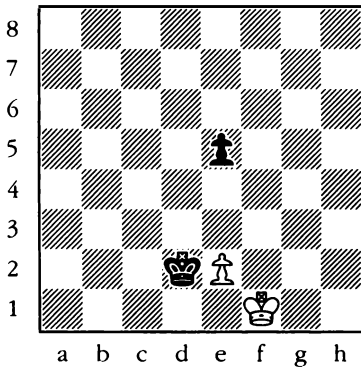
545



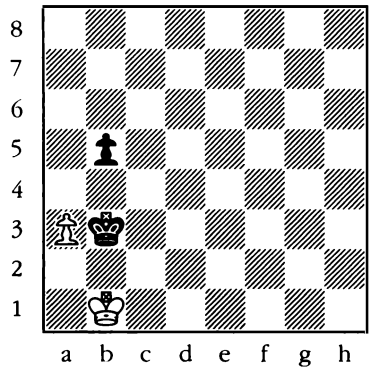
546

King + pawn vs. king + pawn

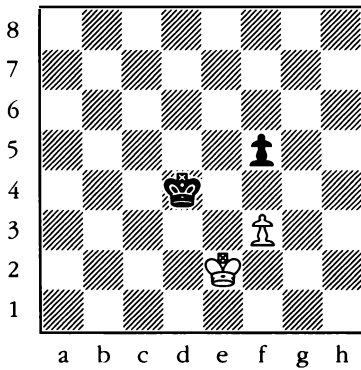
White to move. Make a draw.



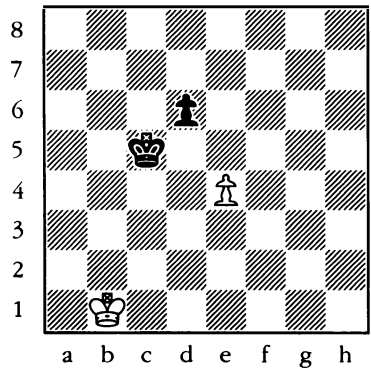
547



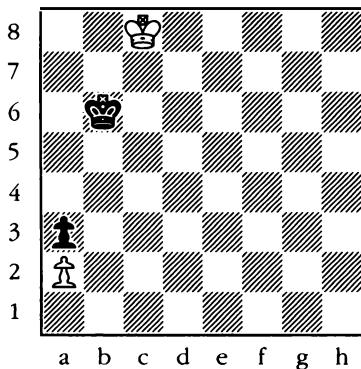
548



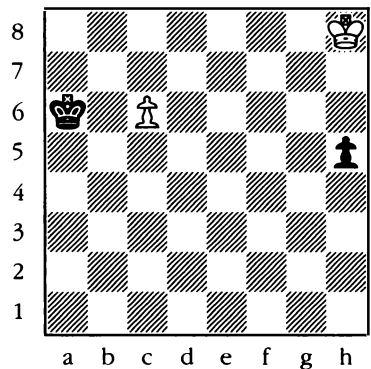
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550



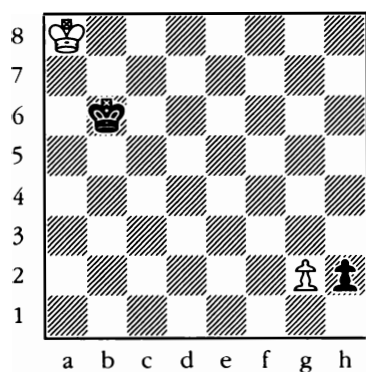
551



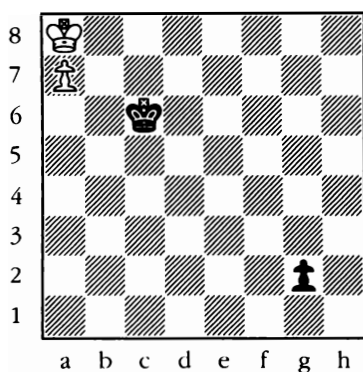
552

King + pawn vs. king + pawn

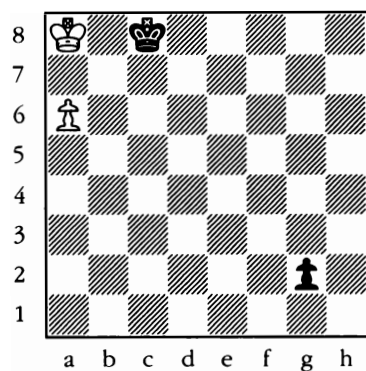
Black to move. Checkmate in two moves.



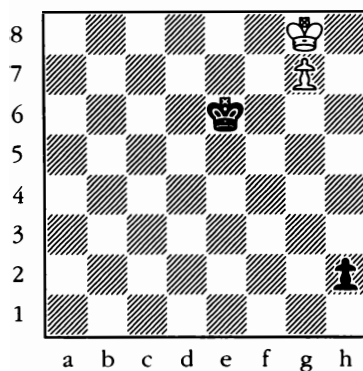
553



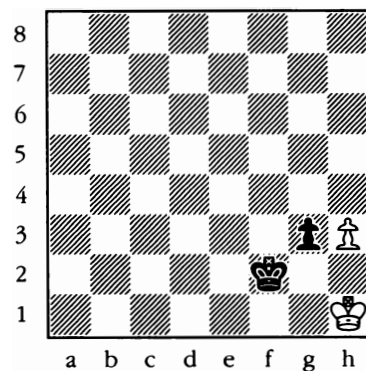
554



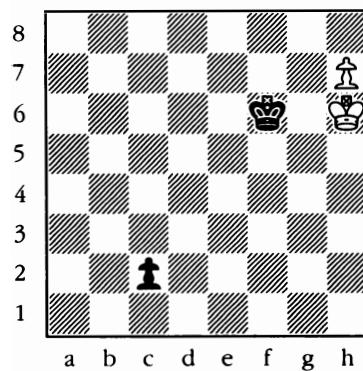
555



556



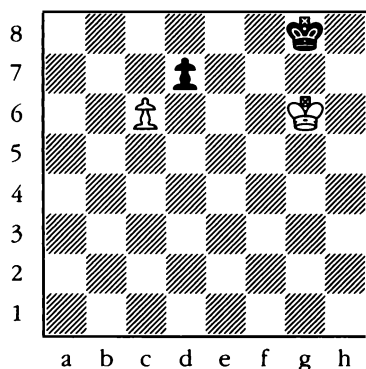
557



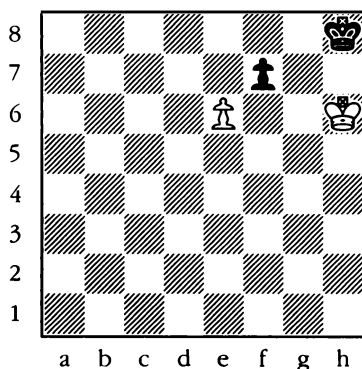
558

King + pawn vs. king + pawn

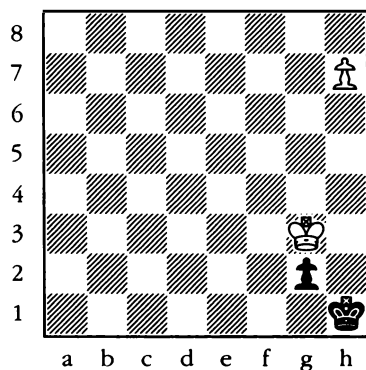
White to move. Checkmate in two moves.



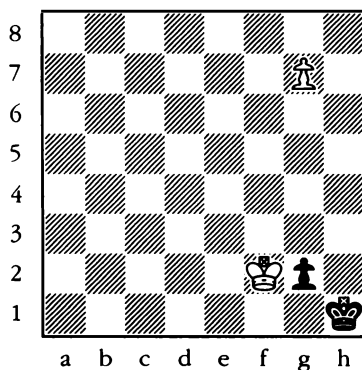
559



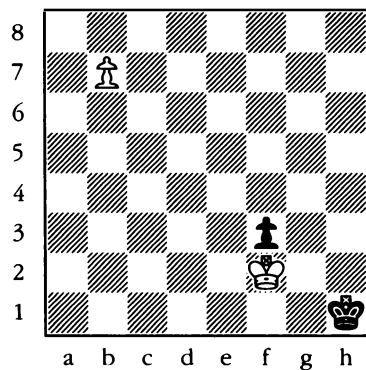
560



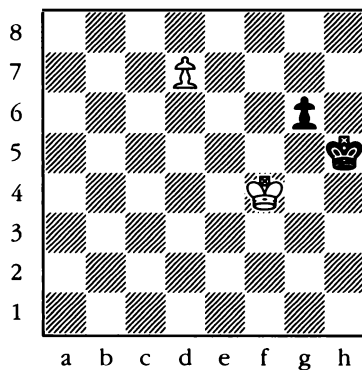
561



562



563

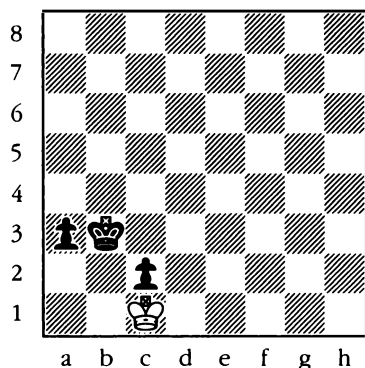


564

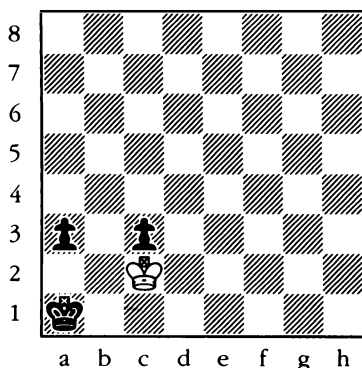
King + two pieces vs. king

King + two pawns vs. king

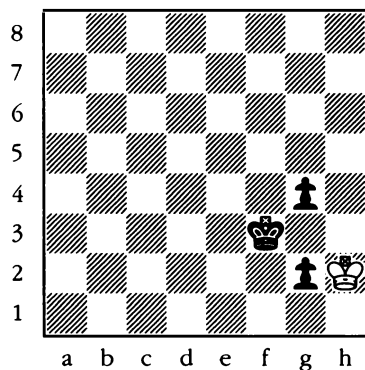
Black to move and win.



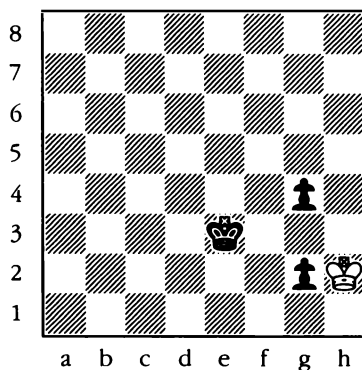
565



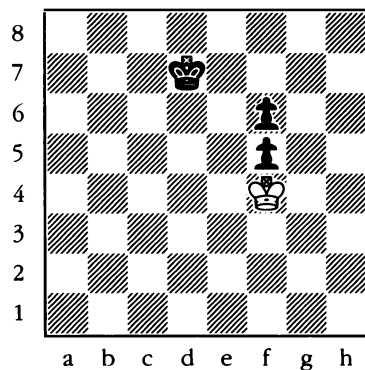
566



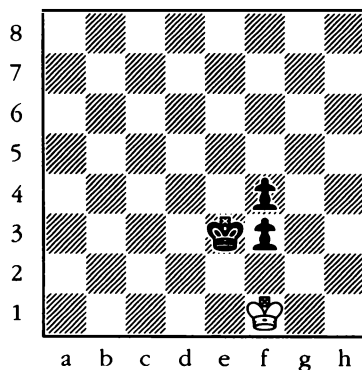
567



568



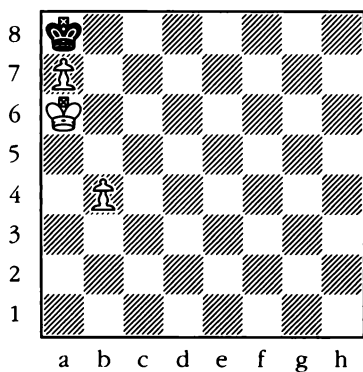
569



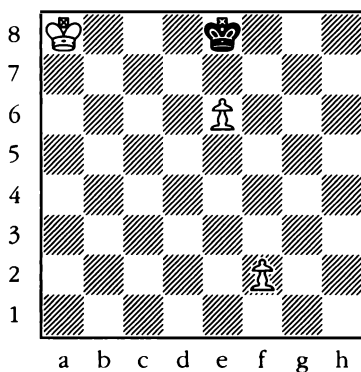
570

King + two pawns vs. king

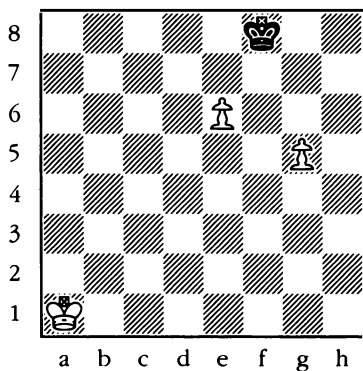
White to move and win.



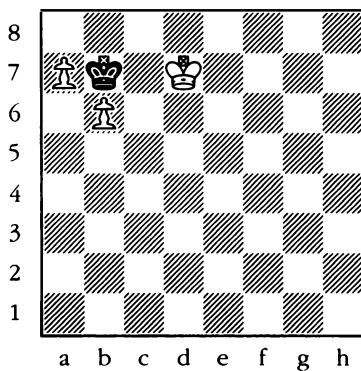
571



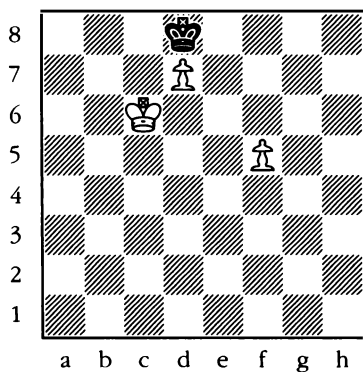
572



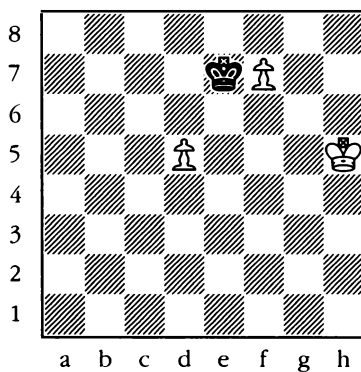
573



574



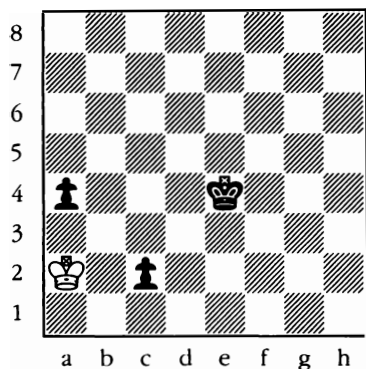
575



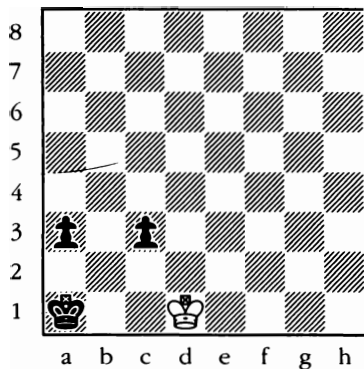
576

King + two pawns vs. king

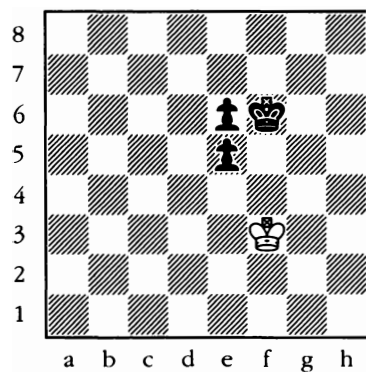
White to move. Make a draw.



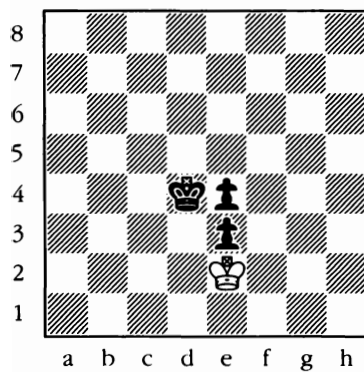
577



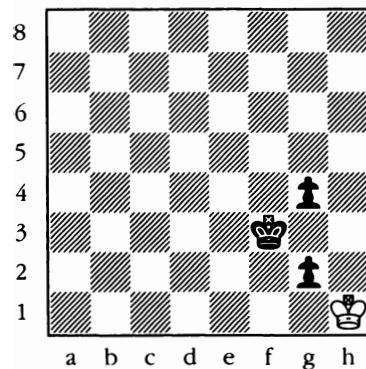
578



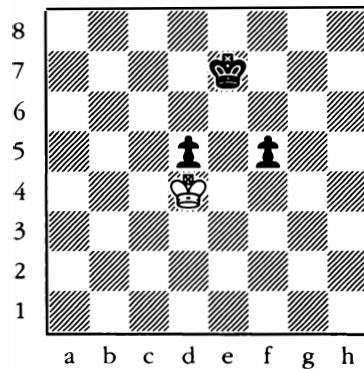
579



580



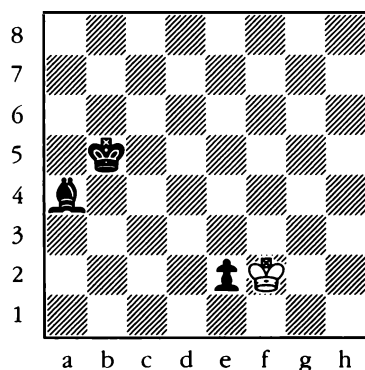
581



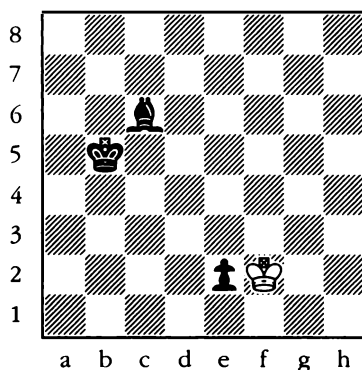
582

King + bishop + pawn vs. king

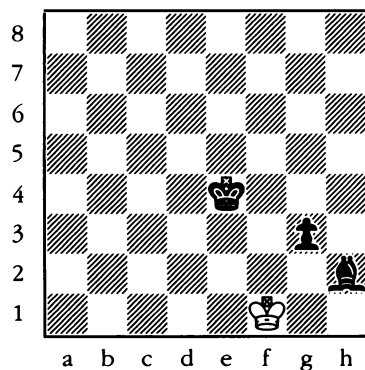
Black to move. Find the best move.



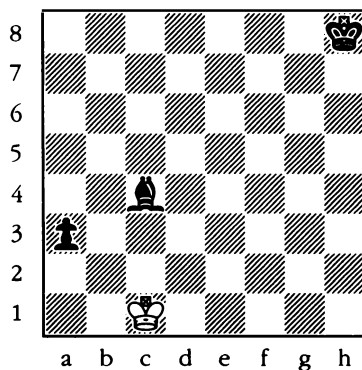
583



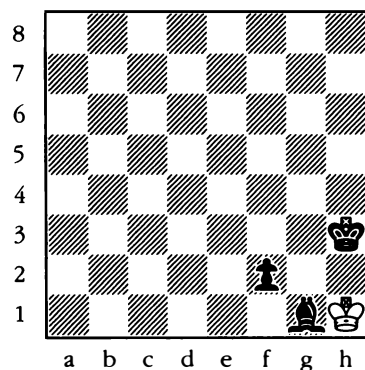
584



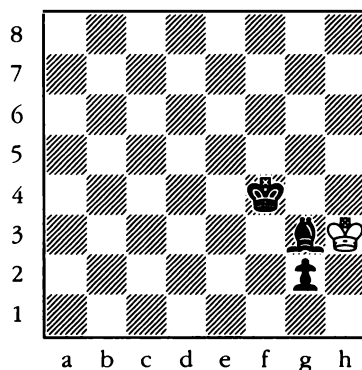
585



586



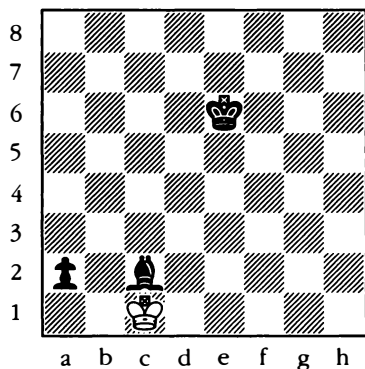
587



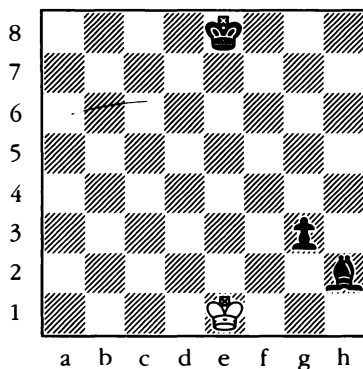
588

King + bishop + pawn vs. king

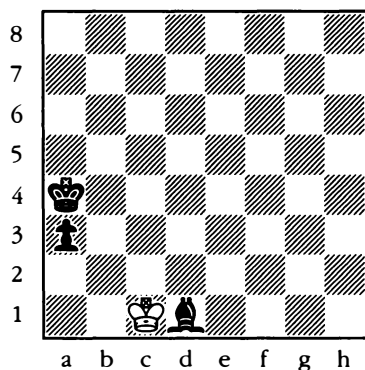
White to move. Make a draw.



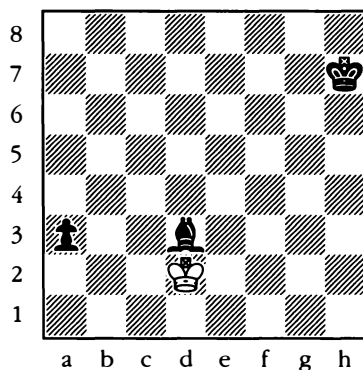
589



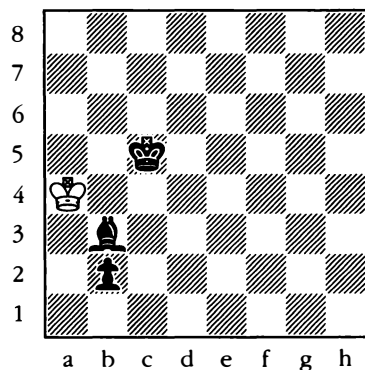
590



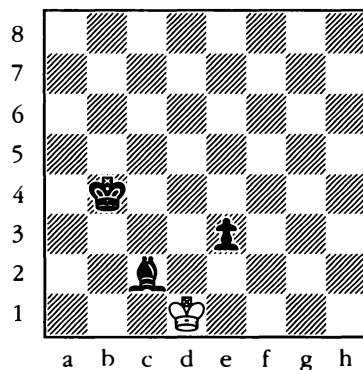
591



592



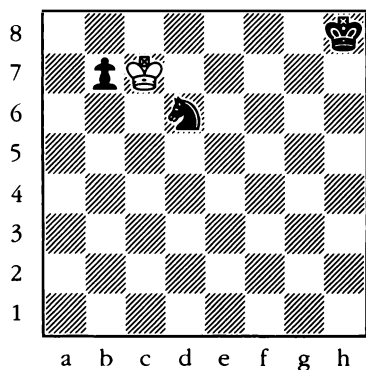
593



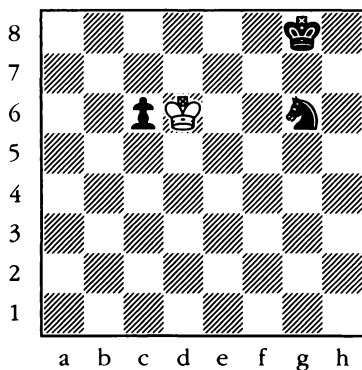
594

King + knight + pawn vs. king

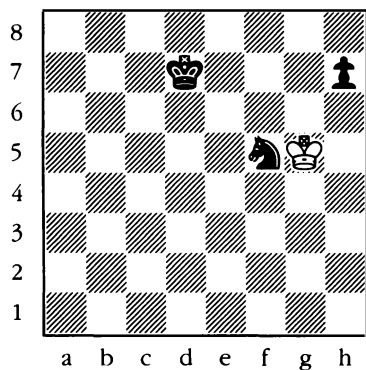
Black to move and win.



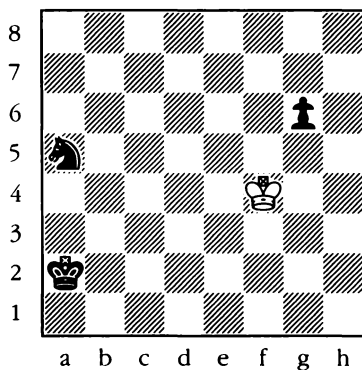
595



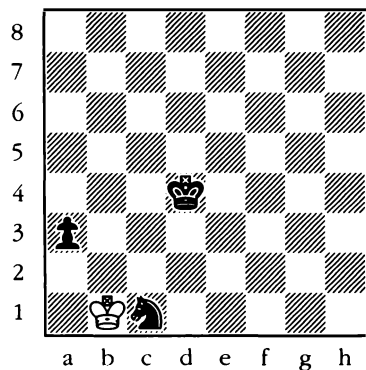
596



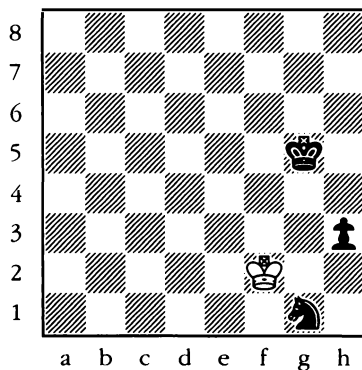
597



598



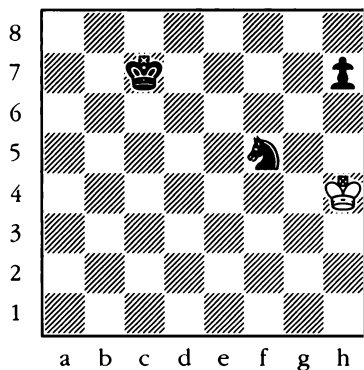
599



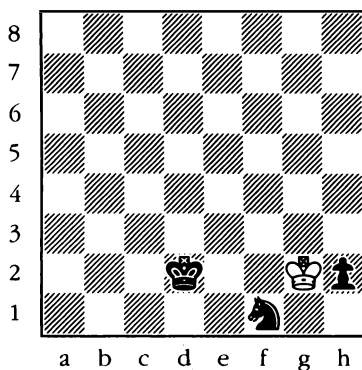
600

King + knight + pawn vs. king

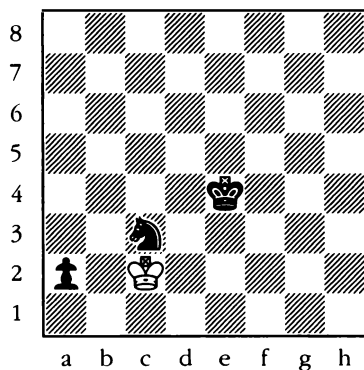
White to move. Make a draw.



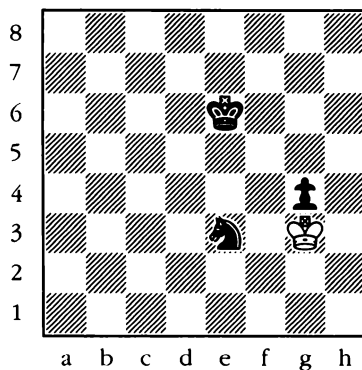
601



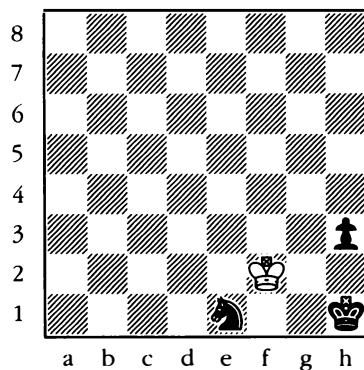
602



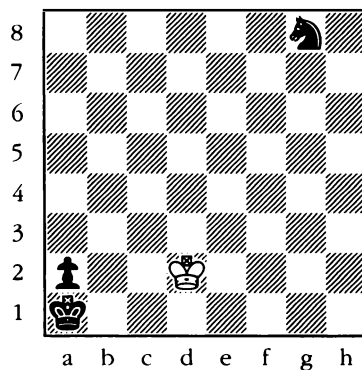
603



604



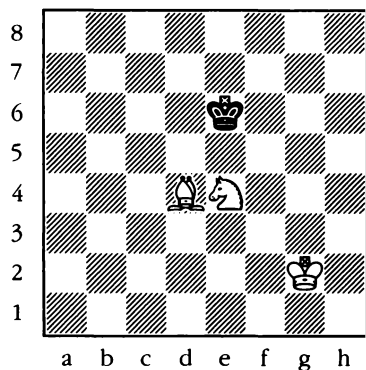
605



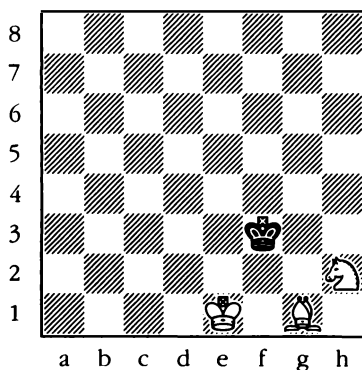
606

King + bishop + knight vs. king

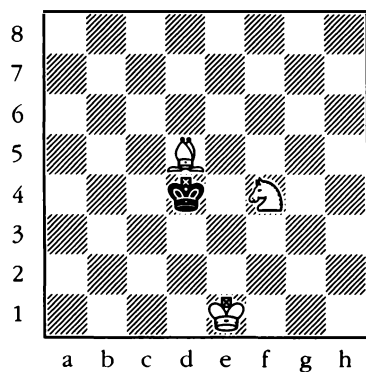
Black to move. Make a draw.



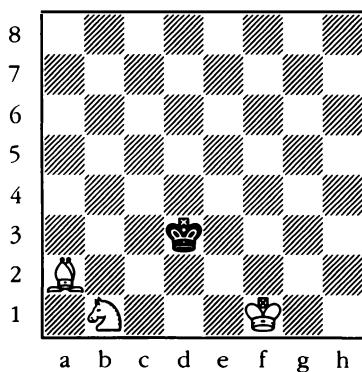
607



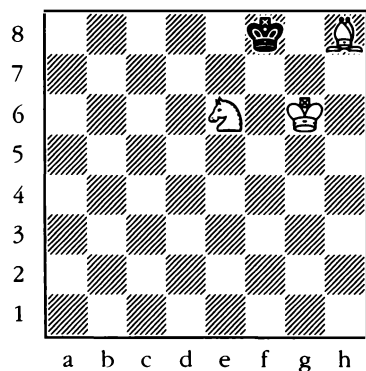
608



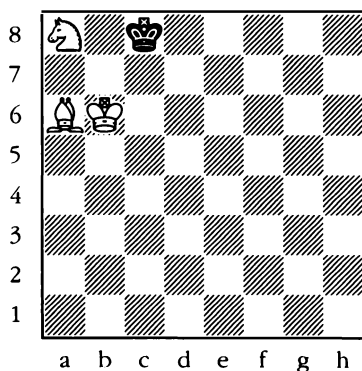
609



610



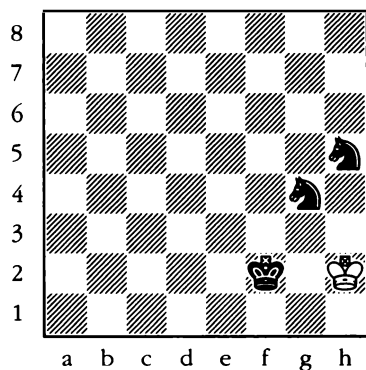
611



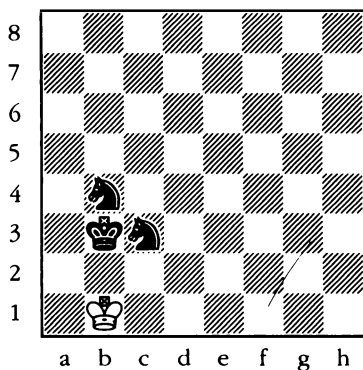
612

King + two knights vs. king

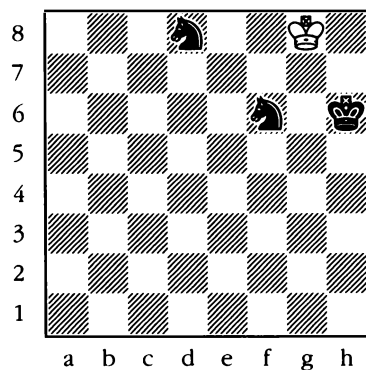
White to move. Make a draw.



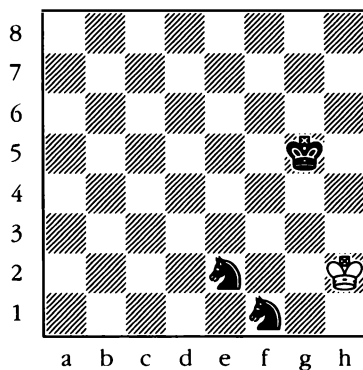
613



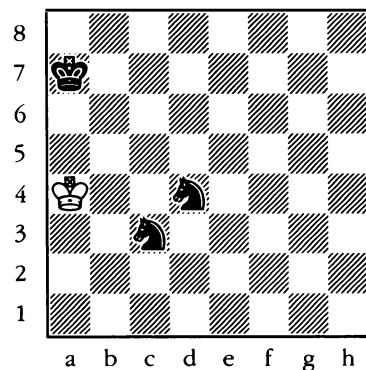
614



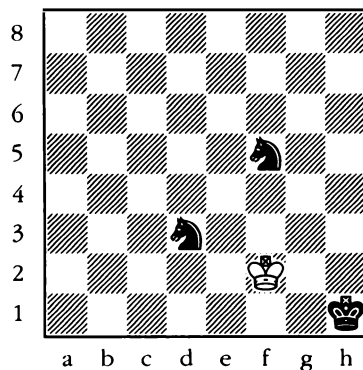
615



616



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. ♙xc6.
 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. ♙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. (Dedrie) 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).



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ISBN 978-1-936277-27-8



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\$11.95
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