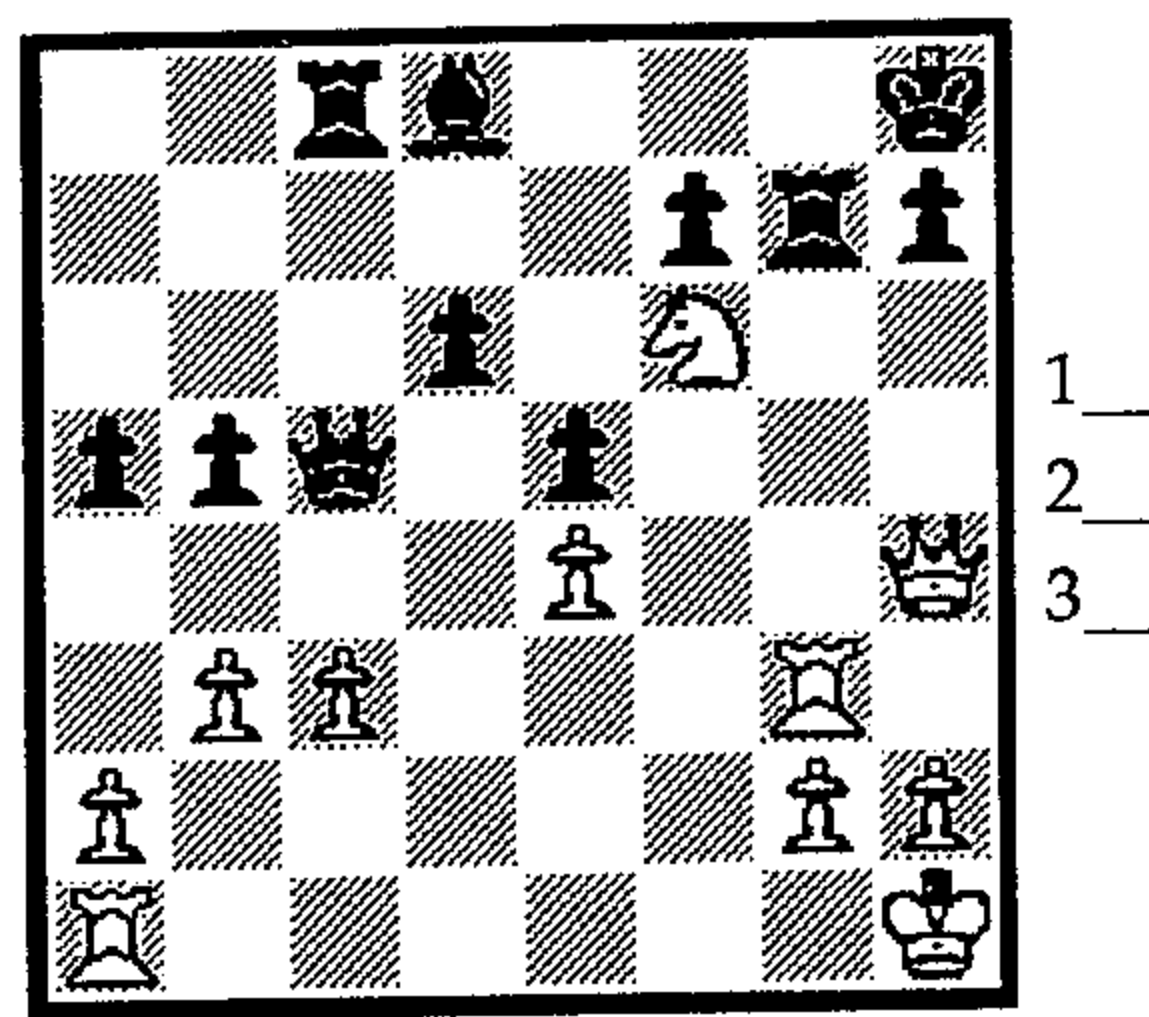


# SOLUTIONS

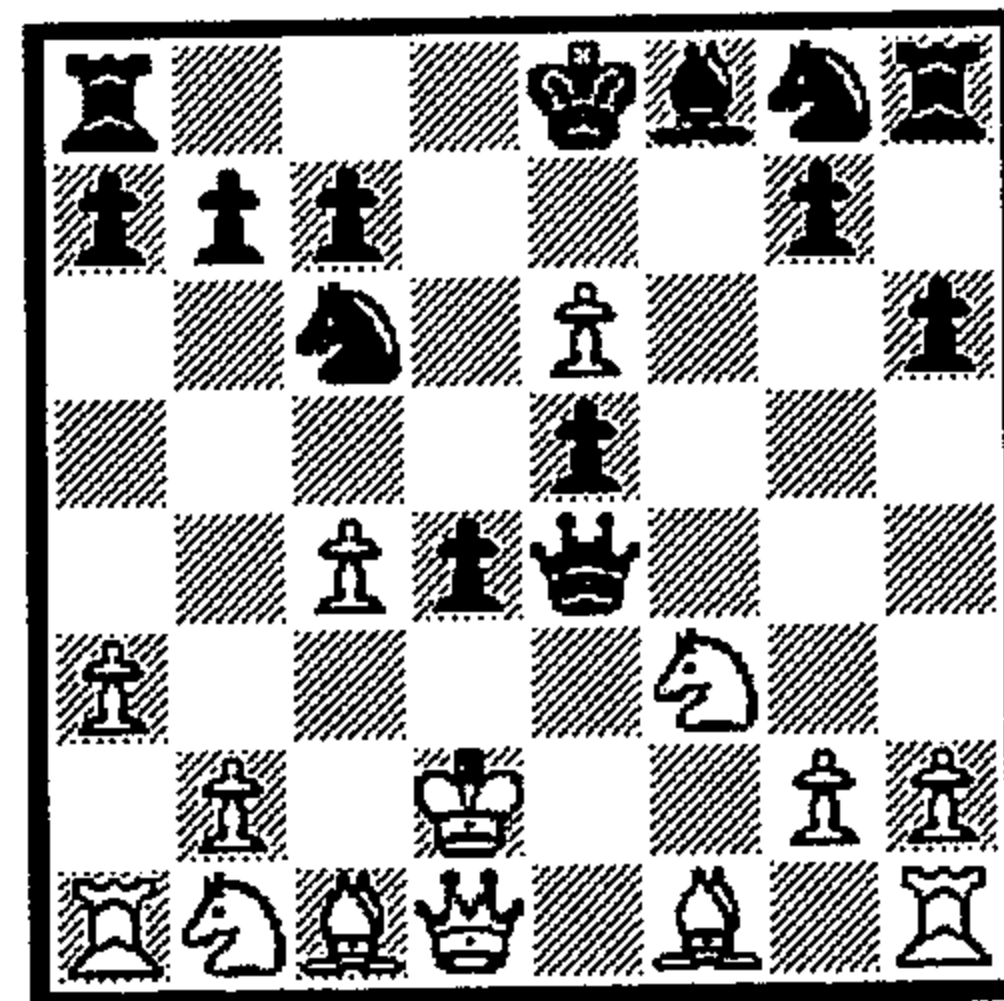
## CHAPTER 1 DISCOVERY



529

1. ?

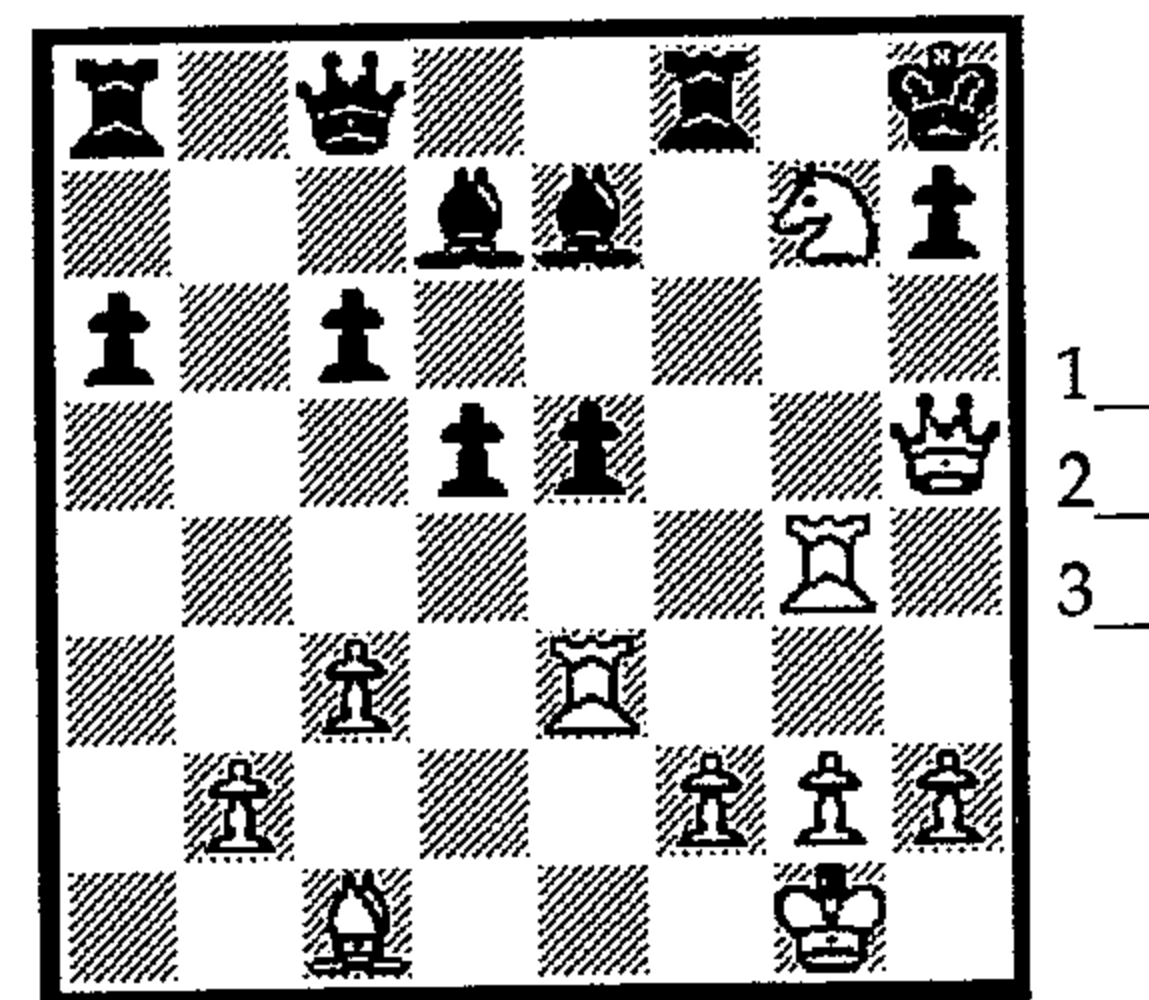
1  
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530

1... ?

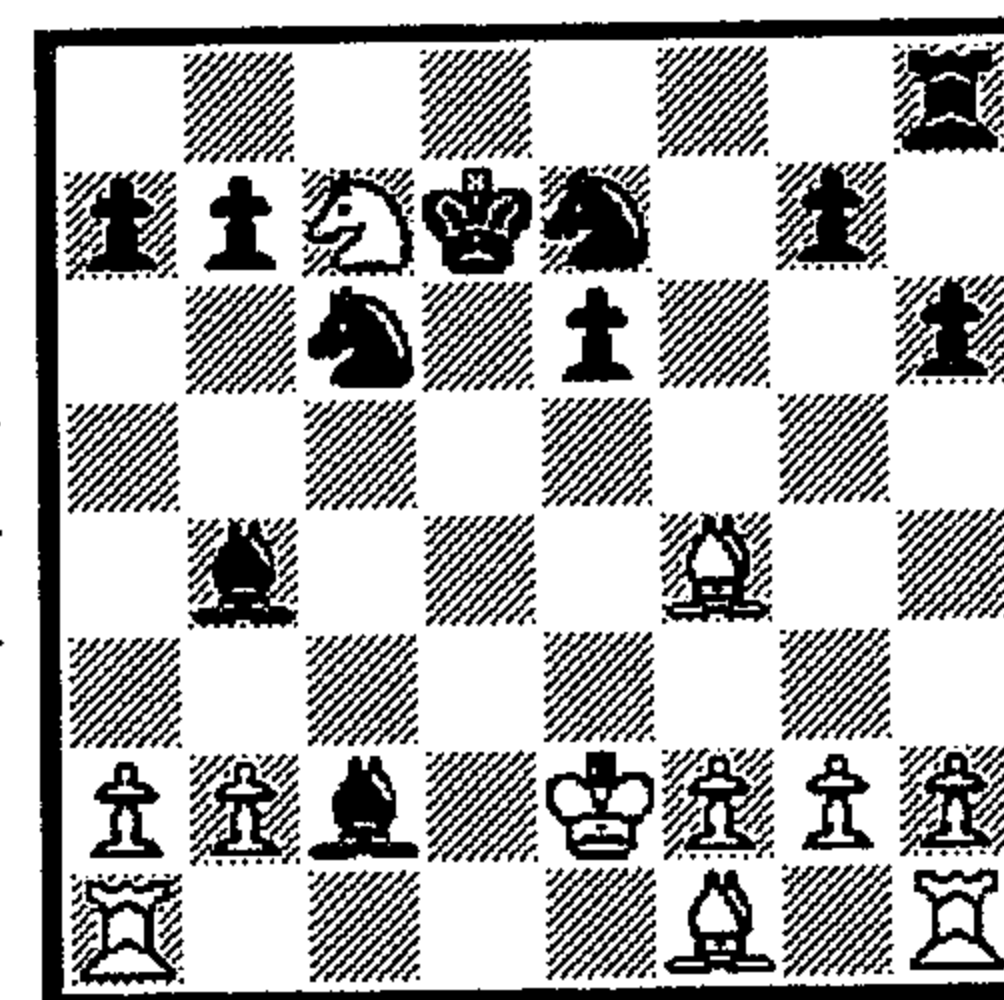
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531

1. ?

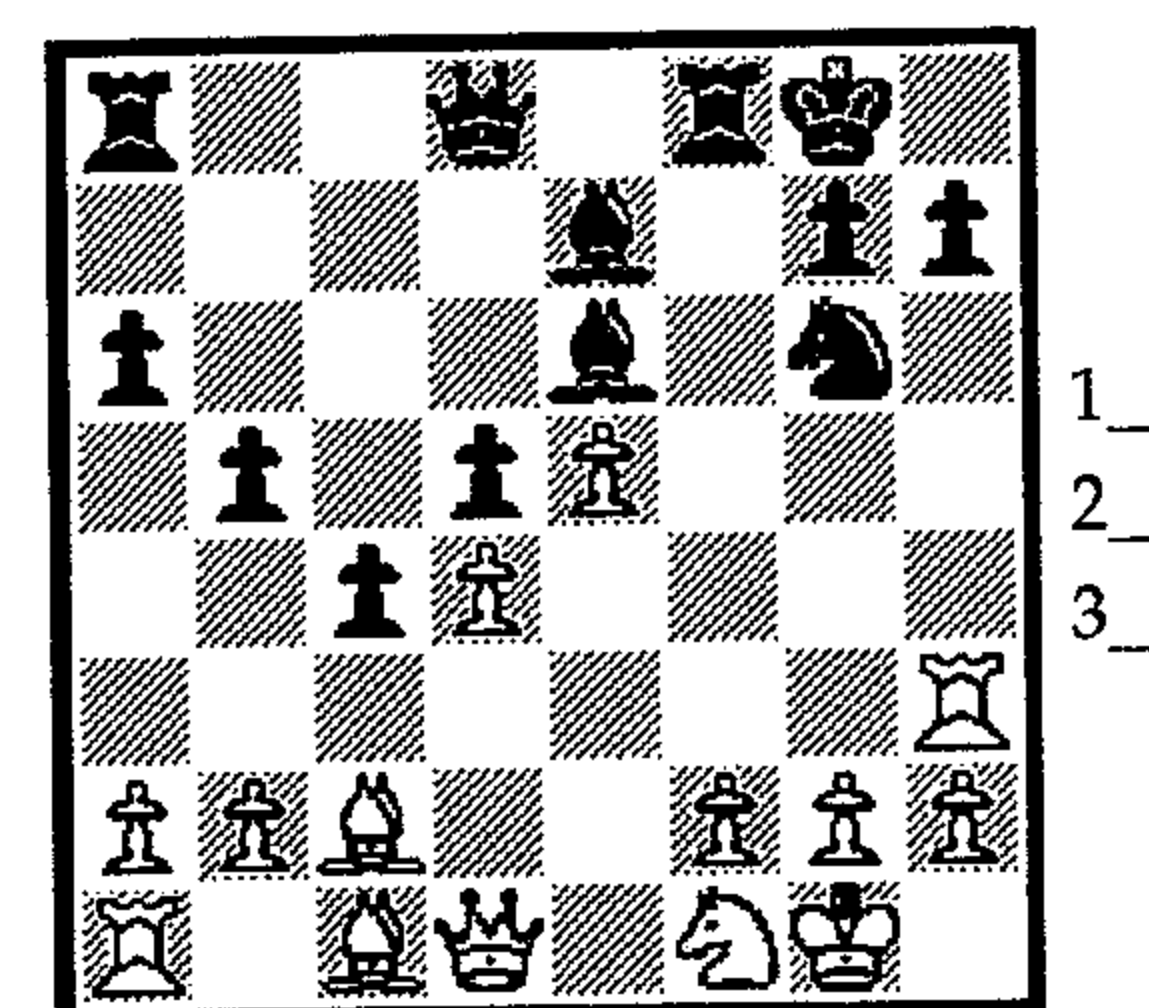
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532

1... ?

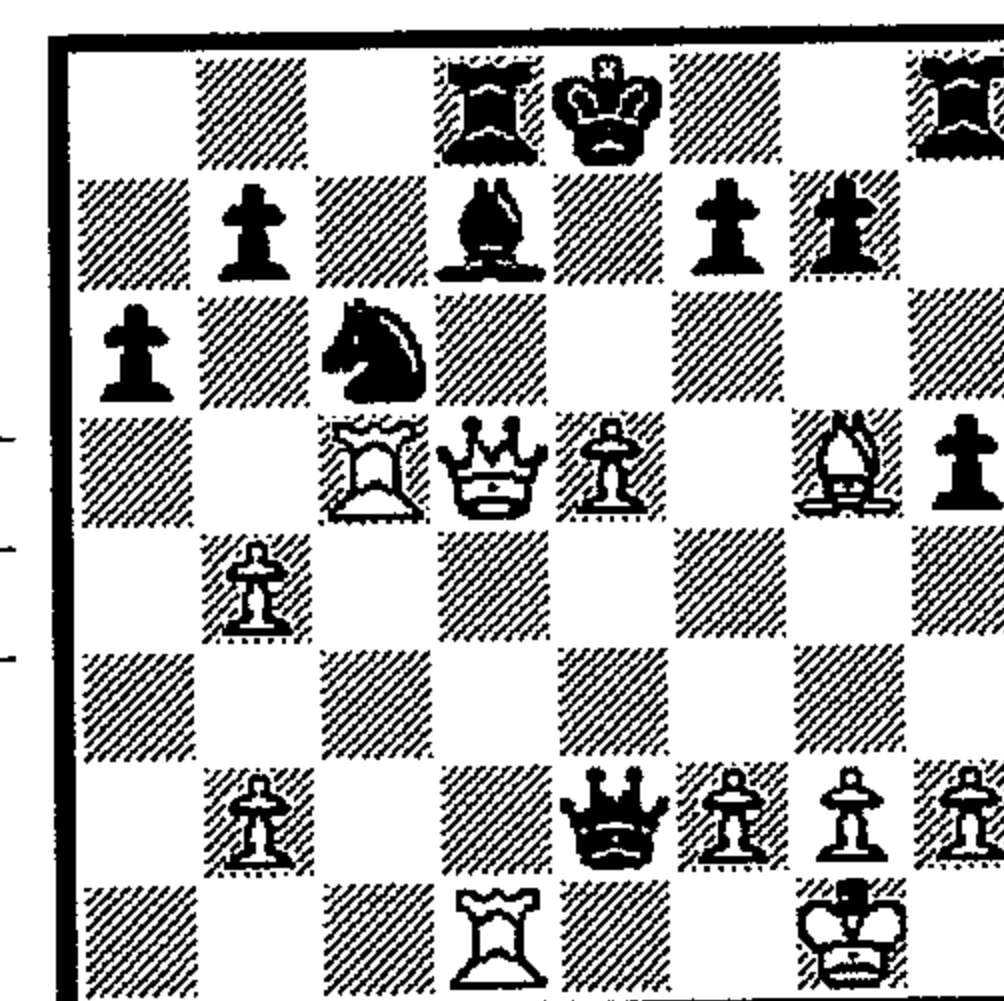
1  
2  
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533

1. ?

1  
2  
3



534

1... ?

1  
2  
3

- 01) 1.Qh6+! Bxh6 2.Ng5+ Kh8 3.Rh7#.
- 02) 1...Qg2+!! 2.Kxg2 Nf4+ 3. Kg1 Nh3#.
- 03) 1...Rxf3! 2.Qxe2 Rxf1#.
- 04) 1...Qxd4 2.exd4 Bb4+ 3.Kd1 Re1#.
- 05) 1...Qg2+! 2.Kxg2 Rxc3+ and mate.
- 06) 1...Nf3#.
- 07) 1...Bd3+ 2.Ke1 Rf1#.
- 08) 1...Ng5! and wins (2.Qxg6 Nxf3+ 3.Bxf3 hxg6).
- 09) 1. Bd6+ Kxd6 2.Rd3 wins the Queen.
- 10) 1.Qd8+!! Kxd8 2.Bg5+++ Ke8 3.Rd8#.
- 11) 1.Qd8+ Kxd8 2.Bg5+ Ke8 3.Rd8#.
- 12) 1...Rd1!! and Black wins. (2.Qxc6 Rxe1#, or 2.Rxd1 Qxf3).
- 13) 1.Rh8+! Kxh8 2.Bxc7+ wins the Black Queen.
- 14) 1...Qxb1+ 2.Nxb1 Ba6! and wins.
- 15) 1...Be4+!! wins. (2.Ka1 Qxa2+! 3.Rxa2 Rxa2#, or 2.fxe4 bxa2+ 3.Ka1 Qxc3).
- 16) 1.Qe6+ Kh7 (or 1...Kh5) 2.Nf6+ gxf6 3.Qxe1.
- 17) 1.Bd5!! (now, if 1...Qxd5 2.Rxf8+ mates, or 1...Rxd5 2.Rxf8#. Finally 1...Rxf2 2.Qg8#).
- 18) 1.Nxc7 Qxc7 2.Bxe6+ and 3.Qxc7.
- 19) 1.f3 Bh5 2.f4! winning a piece after 2...Bxe2 3.fxc5 Qxc5 4.Rxe2 or 2...exf4 3.Bxh5.
- 20) 1...Nf3+ 2.gxf3 Qg6+ 3.Kh1 Ng3+ picking up the White Queen.
- 21) 1.Ng5 Qxc3 2.Bxb7.
- 22) 1.Nxd7 and wins, since 1...Rxe2 is met by 2.Nxf6+ and 1...Rxd7 fails to 2.Qxe8.
- 23) 1.Nxc6 Qxc3 (1...Qxc6 2.Qg7#) 2.Nxe7+ Kh8 3.Nf7#.
- 24) 1.Qxf8! Qxf8 2.c8=Q+ and wins.
- 25) 1.Be7! Re8 2.Bb4 threatening both the Queen and mate at e8.
- 26) 1.Ne6!! Qxe3 2.Nd5! Qe4 3.Ndc7#.
- 27) 1.Nxe5! Bxd1 2.Bxf7+ Ke7 3.Nd5#.
- 28) 1.d5! and wins the Nb6.
- 29) 1.Nf6!! winning, as 1...Nxd3 is met by 2.Rxh7#, or 1...gxf6 allows 2.Qxh7#, or 1...h6 2.Qh7#.
- 30) 1.Qd8+! Kxd8 2.Ba5+ Ke8 3.Rd8#.
- 31) 1...Qxc3 2.fxc3 Rd8+ and 3...Rxc8.
- 32) 1...Qxc3+ 2.Kxc3 Nf5+ and 3...Nxc3.

- 33) 1...Ng3+! 2.hxg3 hxg3+ 3.Bxh5 Qh4#.  
 34) 1.Bf8+! Bh5 2.Qxh5+ gxh5 3.Rh6#.  
 35) 1.Qxg8+! Ke7 (1...Kxg8 2.Nf6#) 2.Nd6 Rxd8 3.Qxf7#.  
 36) 1.Rxh6+ Kxh6 2.Nxd5+ and 3.Nxe7.  
 37) 1.Rxd6! Qxd6 2.Bxg7+ Kg8 3.c5+ and wins the Queen.  
 38) 1.Nc5+ wins the Black Queen.  
 39) 1.Rh8+ Kxh8 2.e6+ Qg7 3.Bxg7+  
 40) 1...Bxd4! 2.Rxh5 e2+ 3.Kh1 e1=Q#.  
 41) 1.Bh5+ g6 2.Nxg6 Nb6 (2...hxg6 3.Bxg6#) 3.Ne5#.  
 42) 1.Qd5 Qc1+ 2.Rf1+.  
 43) 1.Rh1 Kh5 2.Kg3+ and wins the Bishop.  
 44) 1...Nh4+ 2.Ke1 (or 2.Kg1 Qg4#) 2...Nxf3#.  
 45) 1. Nf6+! Kxf6 2.Nh5+ Kf7 3.Qh7#.  
 46) 1...Bxf5! winning a piece. If 2.Bxf5 Rxg3+! 3. fxc3 (3.K moves 3...Qxh4+ mates) 3...d3+ wins the Queen.  
 47) 1.Qg8+!! and wins. 1...Kxg8 2.Be6+ Kh8 3.Rg8#.  
 48) 1.Bh7+ Kh8 2.Bg8+! Kxg8 (2...Bh6 3.Qh7#) 3.Qh7#.  
 49) 1.Qxd8+! Kxd8 2.Bc2+ and 3.Bxa4.  
 50) 1...Ng3! 2.Qxg6 Nde2#.  
 51) 1...Rxf1+! 2.Kxf1 Bd3+ and 3...Qxf4.  
 52) 1.Rxf6! gxf6 2.Qxd7+! Kxd7 3.dxc5+ followed by cxb6.  
 53) 1...d3! 2.Bxf6 (2.Qxd3 Qxb2) 2...dxe2.  
 54) 1...Nxf2! 2.Kxf2 Bxg3+ and 3...Qxd1.  
 55) 1.Nf7! Qf6 (1...Kxf7 2.fxc5+ winning the Queen) 2.fxc5 winning material.  
 56) 1...Bxd3! 2.Qxd3 Bxh2+ 3.Nxh2 Rxd3.  
 57) 1...Ne3! 2.Re1 Nc4+ 3.Bxc4 Rxe1.  
 58) 1.Nd6 Re7 (or 1...Rg8 2.Nf7#) 2.Nxc8 Rxc8 3.Bxe7.  
 59) 1...Nxd4 2.Qxd4 Ng4+ and 3...Bxd4.  
 60) 1...Nc7! attacking both the Bb5 and Ne5.  
 61) 1.Ng5! and wins. If 1...Nxg5 2.Qg7#.  
 62) 1.Rxe5! Qxe5 2.Ng6! and now on 2...Qxh2 3.Nde7#!  
 63) 1...Rxe2 2.Qxe2 Qc3+ 3.Qc2 Qxc2#.  
 64) 1...Be3!! and wins, since white cannot defend the Bf2 and the threat of Qxg2# simultaneously.

## CHAPTER 2 QUEEN SACRIFICE

- 65) 1...Ng4! threatening 2...Qxh2#, and if 2.Qxh3 then 2...Nf2#.  
 66) 1...Qf1! 2.Rxf1 Rxf1#.  
 67) 1...Qh3!! forces mate since 2.gxh3 allows 2...Nxh3#.

- 68) 1...Qg1+! 2.Kxg1 Nxe2+ and wins.  
 69) 1...Qh1+!! 2.Kxh1 Bf3+ 3.Kg1 Rd1#.  
 70) 1.Rh8+ Kf7 2.Qxg7+! Kxg7 3.R(h1)h7#.  
 71) 1.Qg6+!! Bxg6 2.Ng5+! hxg5 3.hxg6#.  
 72) 1.Qxd7! Rxd7 2.Re8+ Kh7 3.Rcc8 and wins.  
 73) 1.Qg6!! fxc6 (if 1...hxg6 then 2.Rh3# or 1...Rg8 2.Qxh7+! Kxh7 3.Rh3#) 2.Nxg6+ hxg6 3.Rh3#.  
 74) 1.Qxh7+! Kxh7 2.Rh1+ Bh3 3.Rxh3#.  
 75) 1.Qf7+! Rxf7 2.exf7#.  
 76) 1.Qxh7+! Kxh7 2.hxg5+ Kg6 (2...Kg8 3.Ne7#) 3.Ne7#.  
 77) 1...Qxf1+! 2.Kxf1 Bd3+-+ 3.Ke1 Rf1#.  
 78) 1.Qxh7+! Kxh7 2.Rh3+ Kg8 3.Rh8#.  
 79) 1.Qxf8+ Qxf8 2.Rxh7#.  
 80) 1.Bg7+! Kf7 2.Qe6+! Nxe6 3.dxe6#.  
 81) 1.Qxg6!! hxg6 2.Rf3 and 3.Rh3 will be mate.  
 82) 1...Qd3+!! 2.Kxd3 (2.Ke1 Qxb1) 2...Bxc6+ followed by 3...Bxa4.  
 83) 1.Qe8+! Kxe8 2.Nf6+ Kd8 3.Nf7#.  
 84) 1.Qxh7+! Kxh7 2.Rh4+ Kg8 3.Re8#.  
 85) 1.Qxc6+! bxc6 2.Ba6#.  
 86) 1.Qxf4! Bxf4 2.Rxh5 gxh5 3.Rxh5 and mate by Rh8.  
 87) 1.Bh6! and now if either 1...Qxg4 or 1...Rxg4, then 2.Rf8 is checkmate.  
 88) 1.Qxc6+! bxc6 (1...Kb8 2.Nd7+ forces Black to give up the Queen) 2.Ba6+ Kb8 3.Nxc6#.  
 89) 1.Qh6! gxh6 (1...gxf6 2.Nxf6+ Kh8 3.Qxh7#) 2.Nxh6#.  
 90) 1.Rxd4 f4 (on 1...exd4 2.Bxd4! Qxd4 3.Nxf5+ and wins) 2.Rxf4! winning.  
 91) 1...Qa4!! 2.Bd3 (2.Nxa4 Na2#) 2...Bxd3 and wins.  
 92) 1.Qxf6! gxf6 (1...Qxe4 2.Qxf7+!) 2.Rg4+ winning a piece.  
 93) 1.Qxh6+! gxh6 2.Bf6#.

## CHAPTER 3 THE PIN

- 94) 1...Rxc5 2.Qc5 Rc8! and if 3.Qxb6, Rxc1+ followed by 4.axb6 winning a whole Rook.  
 95) 1.Rb1! and Black Resigns, for if 1...Qxc5 2.Rxb7#.  
 96) 1...Bg5! 2.f4 Bxf4! and White Resigns, as 3.Qxf4 is met with 3...Qxb2#.  
 97) 1...Qxg3! 2. Kxg3 gxf6 White resigns.  
 98) 1...Bxf2+! 2.Kf1 (on 2.Kxf2, Qxe5 wins the Queen since the Nf3 is pinned) 2...Bxe1 and wins.  
 99) 1...Bxg2! 2.Rxe8 (or 2.Qxg2 Rxe2) 2...Bc6+! winning an important pawn.  
 100) 1...Re1! 2.Qxe1 Nxf3+ 3.Rxf3 Qxe1+.

101) 1.Bh7+ Kxh7 2.g8=Q+! Kxg8 3.Qxh2.  
 102) 1...Rxe2+! 2.Kd1 (2.Nxe2 drops the Queen) 2...Rxd2+! 3.Kxd2 Ne4+ and wins.  
 103) 1...Nc3 wins since 2.Nxc3 Rxe1 wins the exchange, while 2.Bf3 allows 2...Qxh3.  
 104) 1...Ne4! (the "relative" pin is broken) 2.Be3 (after 2.Bxd8 Black has 2...Bxf2#) 2...Bxe3 3.fxe3 Qh4+ 4.g3 Nxc3 winning easily.  
 105) 1...Rd8! 2.Qxf5 Rxd1#.  
 106) 1...Qxg2+! 2.Qxg2 Rxe2 wins the exchange.  
 107) 1.Ng6! and wins the Black Queen.  
 108) 1.Rxd3!! cxd3 2.Ne6+! fxe6 3.Rc7+ and wins Black's Queen.  
 109) 1.Rdx7+ Rxd7 2.Qb5! wins.  
 110) 1.Qxh7+! Kxh7 2.Rh5#.  
 111) 1.Bc4!  
 112) 1.Bd4 Qxd4 (1...e5 2.Bxe5) 2.Qh6#.  
 113) 1.Qf6#.  
 114) 1...Rc2! 2.Bxc2 (or 2.Qe3 Ne2+ 3.Kf2 Ng4+ winning) 2...Ne2#.  
 115) 1.Bxd5! Bxd5 (not 1...cxd5 2.Rxa6) 2.Qxf6+ followed by 3.Qxe7.  
 116) 1.f6! Bg4 (if 1...gxf6 then 2.Qg6+ Kh8 3.Qh7#) 2.Qg6! and mate next.  
 117) 1...Rxf3 2.Qxf2 Rfxh3+ 3.Kg1 Rh1#.  
 118) 1.Bc5! Kf8 2.Qf6! winning the Bishop since 2...Bxc5 allows 3.Qxf7#.  
 119) 1.c6! Rxh6! (a nice try... now if 2.Rxh6 it's stalemate) 2.c7! Rc6 3.Rh6 Rxh6 4.c8=B#.  
 120) 1.f6! (threatening 2.Qh7#) 1...hxg5 2.Qg6! and wins.  
 121) 1.Ne7+! Qxe7 2.Qxc8+ Qf8 3.Bh7+! wins the Queen.  
 122) 1.Nxe5! dxe5 2.Qd8#.  
 123) 1.Nxe6! Nxe6 2.Qg4! Qc6 3.Qxg7+.  
 124) 1.Nc7! Qxc7 2.Qxb5 wins the exchange.  
 125) 1.Be7! Qxg4 2.Rxd8#.  
 126) 1.g4+! Kxg4 2.Be6.  
 127) 1.Rd1! Qxc4 2.Rxd8+ K moves 3.bxc4 wins a Rook.  
 128) 1.c4! Ne7 (1...Nxc4 2.Rxd5) 2.c5 winning a piece.  
 129) 1.Bxe5 Qxe5 2.Qxe5 dxe5 3.Bxe6.  
 130) 1.Rxf4! exf4 2.Bh8!! and 3.Qg7# cannot be prevented.  
 131) 1.Qh4+! Kg8 2.Qg3+ Kh8 3.Bc3 wins the Queen.  
 132) 1...Qe7! and wins the Ne4 since 2.Ng3 allows 2...fxg3+.  
 133) 1.Nxd7 Rxd7 2.Bxd5! Rxd5 3.b6 wins a piece.  
 134) 1...Rxd2! 2.Qxd2 Nxe4 (Threatening 3...Ng3# and 3...Nxd2) 3.Qg2 Nf2#.  
 135) 1...Bg4 2.Qxg4 Nxf2+.  
 136) 1.Rxg7+!! Kxg7 (or 1...Qxg7 2.Rg1) 2.Rg1 winning.  
 137) 1...h4! 2.Nf1 (or 2.Nh1) 2...h3 and wins the Bishop.  
 138) 1...Nxc3! 2.bxc3 Rxc3+! 3.Qxc3 Rxb1#.  
 139) 1.Be4! Qxb7 2.Bxb7 wins material.

140) 1...Qxd7! 2.Nxd7 Bxc4.  
 141) 1.Qa8! retains the extra piece after 1...Qxc6 2.Qxb8+.  
 142) 1.Ne7+! Qxe7 2.Rxe7 and now 2...Rxh6 loses to 3.Re8#.  
 143) 1.Nc6 Qd7 2.Ne7+! Qxe7 3.Qxd5 wins the Exchange.  
 144) 1...Rg4! (threatening simply 2...Bxf3+) 2.Bxg4 Qxf1#.  
 145) 1.Rxh6! gxh6 2.Rg1.  
 146) 1.Bf4! wins the pinned Nb8.  
 147) 1.Rg4! wins the Queen as 1...Qxg4 allows 2.Qxf7+ and 3.Qxh7#.

## CHAPTER 4 KNIGHT FORK

148) 1.Qg7+! Qxg7 2.fxg7+ Kg8 3.Ne7+ wins.  
 149) 1.Qxh6+! Kxh6 (1...Kg8 2.Bh4 N(8)h7 3.Nxc6 winning) 2.Nxf7+ Kg7 3.Nxd8 and wins material.  
 150) 1.Nf6+ Kf7 2.Qxg7+! Kxg7 3.Ne8+! and wins.  
 151) 1...Rxb1 2.Rxb1 Bxe2 3.Kxe2 Nxc3+ wins the Rb1 after 4.Bxc3 Rxb1.  
 152) 1...Rxh2+ 2.Kxh2 Nxf3+ 3.K anywhere Nxd2 with two extra pawns.  
 153) 1...Ne4+! 2.fxe4 Rf8 wins the Queen.  
 154) 1...Qxg3+ 2.Kxg3 Ne4+ 3.K anywhere Nxd2.  
 155) 1...Qxe2+! 2.Kxe2 Nxd4+ and 3...Nxf5.  
 156) 1.Qxc8+ Rxc8 2.Ne6+.  
 157) 1...Qxf3! 2.gxf3 Ne2+ 3. K moves Nxd4.  
 158) 1...Nf2+ wins the Queen.  
 159) 1...Qxd5+! 2.Qxd5 Ne3+ 3. K moves Nxd5 wins a piece.  
 160) 1...d4! now if the Nc3 moves, then 2...Nb3+ wins the White Queen since the c-pawn is pinned.  
 161) 1...Nc5 2.Rbb1 Nd3 and 3...Nxf4.  
 162) 1.Nf6+ Bxf6 2.exf6 and now if 2...Bd7 then 3.Qe3+ wins, since 3...Be6 is forced (3...Kf8 4.Qe7#).  
 163) 1.fxg8=N! Rxf6+ 2.Nxf6+ K moves 3.Nxd7.  
 164) 1...Nb3! 2.axb3 (if 2.Rb1 then 2...Nd4 forks Qe2 and Bb5) 2...Qxa1 winning the exchange.  
 165) 1...Qxd4 2.Qxd4 Nf3+ 3.K moves Nxd4.  
 166) 1...Rxe4 2.Bxe4 Nc5+ and 3...Nxe4.  
 167) 1...d2+ 2.Kxd2 Nxe4+ 3.K moves Nxd6.  
 168) 1...Qxc6 2.Nxc6 Ne2+.  
 169) 1.Nxe5 Bxe5 (or 1...dxe5 2.Rxc6) 2.Rg8#.  
 170) 1...Nh3+ 2.Kg2 (hoping for 2...Rxf3 3.Kxh3) 2...Ng5 wins a piece.  
 171) 1...N2d4+ 2.cxd4 Nxd4+ 3.K moves Nxc2.  
 172) 1.Nh7! Qg7 (1...Kxh7 2.Qxh5+ Kg8 (or g7) 3.Qh7#) 2.Nxf8 wins the exchange.

173) 1.Qxg6! fxc6 2.Nf7+ and 3.Nxd8.  
 174) 1.b5+! and wins, since if 1...Kxb6 2.Nd7+ and 3.Nxf8 or 1...Kxc5 2.Nd7+ again, finally on 1...Kc7 2.Ne6+ wins.  
 175) 1...Ngf3+! 2.gxf3 Bh4! 3.Qg2 (on 3.Qxh4 comes the fork 3...Nxf3+) 3...Bxe1 winning the exchange.  
 176) 1.Nf6+! Bxf6 2.Qxg6+ Kh8 3.Qh7#.  
 177) 1.Rxc6+ Qxc6 2.Ne7+ and 3.Nxc6.  
 178) 1.Nxf6+ gxf6 2.Rxd4+ wins.  
 179) 1.b4 Bb6 2.b5 Na5 3.Ne7+.  
 180) 1.Nxc6 Bxc6 2.Ne7+ K moves 3.Nxc6 wins a pawn plus the exchange.  
 181) 1.Qxc8 Rxc8 2.Nd7+ K moves 3.Nxb6.  
 182) 1.Nd8+! Rxd8 2.Qxe7+ and 3.Qxd8.  
 183) 1...Qxe4 2.Nxe4 Ne2+.  
 184) 1.Nd5+! The Black c-pawn is pinned.  
 185) 1.Rh5+! Kf6 (forced, since 1..Bxh5 allows 2.Ne6+ and 3.Nxc7) 2.Rxf5+ followed by 3.Kxg4.  
 186) 1.Nb6+ cxb6 2.Be6.  
 187) 1...Nf3+ 2.Kd1 (after 2.Kf1 the same move wins while 2.Ke2 loses the Bishop to 2...Nd4+) 2...e2+ 3.Kxe2 Nd4+ and 4...Nxf5  
 188) 1.Rxh4! Qxh4 2.Qxf8+! Kxf8 3.Ng6+ and 4.Nxh4.  
 189) 1...Nxd4 2.Nxc7 Ne2+ 3.Kh1 Nxc1.  
 190) 1.Rxf8+ Rxf8 2.Rxf8+ Qxf8 3.Nxg6+ and 4.Nxf8.  
 191) 1.N(either) d6+ Bxd6 2.Nxd6+ Kb8 3.Nxf7.  
 192) 1.Bxf8 Kxf8 2.Bxf7 Kxf7 3.Nd6+ and 4.Nxc8.  
 193) 1. Nd6+ Kf8 2.Nxb7.  
 194) 1.Ne4!! Be8 (1...Rxh5 2.Rxd7+!) 2.Bg5! and wins.  
 195) 1.Bxe6+!! and wins! (if 1...Bxe6 2.Qf8+! 2.Kxf8 3.Nxe6+ Ke7 4.Nxc7 Kd6 5.Ne8+).  
 196) 1.Qxc6 Qxc6 2.Nxe7+ Kh8 3.Nxc6 winning.

## CHAPTER 5 DOUBLE ATTACK

197) 1...Bxd5! 2.exd5 g3! 3.hxg3 Qxc4 wins a piece.  
 198) 1.Bc7 Rxc7 2.Qe5! wins the exchange.  
 199) 1.Be6!! wins the Black Queen or allows 2.Qg4+ with mate to follow.  
 200) 1...Rd3! winning the Bc3 since mate by 2...Rh3 is also threatened.  
 201) 1...c5 2.Nf3 c4 wins a piece.  
 202) 1...Nxe2+ 2.Qxe2 Qd4+.  
 203) 1...Qc4! winning either the Rf1 or the Nh4.  
 204) 1...Nxf3+! 2.gxf3 Qd4+ 3.Kh1 Rxb2.

205) 1...g6 2.Qh4 Bxf4+! 3.Kxf4 g5+.  
 206) 1...e3 (threatening 2...e2) 2.Re1 exd2 wins a piece.  
 207) 1...Rd5! 2.Bc4 b5!  
 208) 1...Nxd5! 2.exd5 Qh4+ and 3...Qxa4.  
 209) 1.Qd4 f6 2.Nxe4 Rxe4 3.Qxe4 Qxb2 and White has won the exchange.  
 210) 1...Rxd4! 2.Rxd4 Qe5! threatening mate and the Rd4.  
 211) 1...Rxe5+! 2.fxe5 Qxe5+ and Qxa1.  
 212) 1...Qc7+! 2.g3 Qe7! and wins because of the double threat of 3...Qe2# and 3...Qxa3.  
 213) 1...c6! 2.Bc4 Qa5+ wins the Ne5.  
 214) 1...Bxh3 2.Kxh3 Qg1 winning a piece.  
 215) 1...Re8 2.Qf4 Qd4! wins by the attack on both c5 and e3 after 3.Qxd4 Bxd4.  
 216) 1...Rg3+ picking up the Knight.  
 217) 1...Qc6! attacking both Ba6 and Rh1.  
 218) 1...Qe6 2.Qf2 Rxh3+! 3.Kxh3 Qh6#.  
 219) 1...Rxf2! 2.Rxf2 Nxe4 3.Bxe4 Qxf2+ and mate next.  
 220) 1...g5 2.Be3 g4.  
 221) 1.d5! Bxd5 2.Nxf5 and 3.Nxh6.  
 222) 1...Bc6 spearing both the Nb7 and Rh1.  
 223) 1...d3! 2.Rxd3 Rxd3 3.Qxd3 e4 wins a piece.  
 224) 1...Qb6!! (threatening both mate at b2 and the Be3) 2.Bxb6 Ne2#!  
 225) 1...Rxb3! 2.axb3 Bd4+.  
 226) 1.Rxd6! Rxd6 2.Qe5 winning the Rd6 due to the mate threat.  
 227) 1...Nfxe4 2.Nxe4 Nxe4 3.fxe4 Qh4+ and wins the Bh6 remaining a pawn ahead.  
 228) 1...Qxd2 2.Rxd2 Bb4 3.Rd1 Rc2.  
 229) 1.Nxd5! cxd5 2.Qb5+ and 3.Qxb4.  
 230) 1.Qh8+ Kg5 2.Qe5+ and 3.Qxd5.  
 231) 1.Rf5 wins either the Ne5 or Bh5.  
 232) 1...Qxf1+ 2.Kxf1 Bd3+ 3.Ke1 Rf1#.  
 233) 1.Nxe5 Qxe5 2.Bxd6+.  
 234) 1.Ne8! Qe7 2.Qg3 Qxe8 3.Qxb8.  
 235) 1.Rxg7! Kxg7 (or 1...Qxg7 2.Bf6) 2.Bxf6+! Qxf6 3.Nh5+ wins the Queen.  
 236) 1.d7 Rd8 2.Qa5 wins, since 2...Rb8 fails to 3.d8=Q+.  
 237) 1.f3 Qh4 2.Qxh4 gxh4 3.e4.  
 238) 1.Rxe5 fxe5+ 2.Kxe5 and the duel threats of 3.Kxd6 and 3.f6+ win.  
 239) 1.Qe7+ Kxf5 2.g4+.  
 240) 1.c6 Rxb6 (1...Rb8 2.Qd6+) 2.Qd8+ and 3.Qxb6.  
 241) 1.Nxe5 Rxe5 2.f4.  
 242) 1.Nh6+! gxh6 2.Qg4+ and 3.Qxe2.  
 243) 1.d5 Ne7 2.Qa4+!  
 244) 1.Bxc6 dxc6 (1...Qxc6 makes no difference) 2.Qa3+ and 3.Qxa5.

- 245) 1.Nxf5 Bxf5 2.Bxf5 Rxf5 3.Qd5+ and 4.Qxa8.  
 246) 1.Qc7 Rbd8 2.Bxf6 wins, since 2...Rxf6 allows 3.Qxd8+.  
 247) 1.Nxe5! Nxe5 2.Qh5+ Ng6 3.Qd5 threatening both 4.Qf7# and 4.Qxa8.  
 248) 1...Rf2!! and wins. (2.Qxe1 Rh2#).  
 249) 1. Bxf6 Qxf6 2.Qd5+.  
 250) 1.h3! Nh6 2.Qe4 threatening both 3.Qxc6 and 3.Qxh7#.  
 251) 1.Rxe4! Rxe4 2.Qc6 wins a Rook.  
 252) 1.Rxa6 Nxa6 2.Qa4+ and 3.Qxa6 wins two pieces for the Rook.  
 253) 1.Bxa6 Rxa6 2.Qd3 attacks both the Ra6 and Ng3.  
 254) 1.Rxg7+ Kxg7 2.Qd4+ and 3.Qxa7.  
 255) 1. Rxc6+ dxc6 2.Qxc6+ and 3.Qxa8.  
 256) 1...Qe3! and Black wins. (2.Rxe3 Rh2+ 3.Kg1 Reg2#, or 2.Rxf2 Qxh3+).

## CHAPTER 6 ATTRACTION

- 257) 1.Ng5 Nf6 (1...Bxg5 2.Qxh7# or 1...Qxd6 then 2.Bxh7+ Kh8 3.Nxf7#) 2.Bxh7+ Kh8 3.Nxf7#.  
 258) 1...Qe3! winning. (2.Rxe3 Rf1#; 2.Ra1 Qxg5).  
 259) 1...Nf3+! winning. (2.gxf3 Qg5+).  
 260) 1.Qf5 wins, threatening both 2.Qxc8 and mate by 2.Qxh7+ and 3.Qh8.  
 261) 1.Qc3+ K moves 2.Qe1! wins the Be6 or Rh4.  
 262) 1.Qe4!  
 263) 1...Bxg5+! 2.Kxg5 f6+ 3.Kg6 (3.Kh4 g5#) Qg4#.  
 264) 1.Nf6!! Kxf6 2.Qf3+ Kg7 3.Qxe4 picking up the Rook.  
 265) 1.Rh8+! Kxh8 (1...Bxh8 2.Qxg6+) 2.Bxf7 Nh5 3.Qxg6 and wins.  
 266) 1.Bxf7+ Rxf7 2.Qh8+!! Kxh8 3.Nxf7+ with an extra piece after 4.Nxg5.  
 267) 1...d4+!! and wins. (2.Qxd4 Nf5+, or 2.Kxd4 Nc6+. If 2.Kf4 Ng6+, or 2.Ke4 Qe2+ 3.Kf4 Ng6+. On 2.Ke4 Qe2+ 3.Kf4 Ng6+ or 3.Kxd4 Nc6+).  
 268) 1.Qh7+!! Kxh7 2.Nf6+ Kh8 3.Ng6#.  
 269) 1.Qxg8+ Kxg8 2.Rh8+ Kxh8 3.Bf7#.  
 270) 1...Ne2+! 2.Kh1 Qxh2+! and wins. (3.Kxh2 Rh4#).  
 271) 1.Rh8+!! Kxh8 (1...Kf7 2.Qg6+) 2.Qh5+ and wins. (2...Kg8 3.Be6+).  
 272) 1...Rh1+!! and mate next move.  
 273) 1.g4+! Kxh4 2.Kg2! and 3.Nf5# cannot be prevented.  
 274) 1.Qc4+! Qxc4 2.g8=Q+ winning the Black Queen.  
 275) 1.Re7+!! Qxe7 (1..Kxe7 2.Qxg7+ Ke8 3.Re1+) 2.d6+ Ke8 3.Bb5+ and wins. (3...Kf7 4.dxe7 Nxg4 5.exd8=Q).  
 276) 1.Qxh6+!! Kxh6 2.hxg6+ Kg7 3.Rh7+ Kg8 4.gxf7+ winning. (4...Rxf7 5.Rc8+).  
 277) 1.Qd5+!! and wins. (1..Bxd5 2.Bxd5+ Kh8 3.Rxg4).  
 278) 1.Qg7+!! Kxg7 2.Rxf7+ and mate in three to follow.

279) 1.Rxh6+! Kxh6 (1...gxh6 2.Rf7+ Kh8 3.Qf5) 2.g4!! winning. (2...g6 3.Rf7 with 4.Qh3# to follow, and on 3...Kg6 3.Bf7+ Kh6 4.Qh3#).

280) 1...Rxa3+!! and mates!

## CHAPTER 7 CLEARANCE

- 281) 1.Rd8+! (1...Bxd8 2.e7+).  
 282) 1.Rxd5! (1...exd5 2.e6+).  
 283) 1...Ra1+! 2.Nxa1 Ba2#.  
 284) 1.Bd5+! (1...exd5 2.Qh7#).  
 285) 1.Rxb6! axb6 2.Nf6+ winning. (2...Kf8 3.Qd6+).  
 286) 1.Qh4! Kg7 2.Nh5+! and wins. (2...gxh5 3.Qf6+ Kf8 4.Ne7#).  
 287) 1. Rc6+! (1...Bxc6 2.Nc5+ Ka5 3.Bc7#).  
 288) 1.Qxf5! followed by Ne6+.  
 289) 1.f3!! Qxf3 2.Qd1! winning. (2...Rxd6 3.Rh2+, or 2...Qh5 3.Rxd8).  
 290) 1...Qxh7 2.Rxh7 Nd3+ and 3..Nxe1.  
 291) 1.Bxf7 Rxf7 (1...Qxf7 2.Qd8+) 2.Qh8#.  
 292) 1.Re8+! Rxe8 2.Qg4+!! Qxg4 3.Nf6#.  
 293) 1.Qf6+! Nxf6 2.Bc5+ and wins. (2...Bxc5 3.gxf6+ Kf8 4.Rh8#).  
 294) 1...Qd1+!! 2.Rxd1 Ne2+!! 3.Bxe2 Nb3#.  
 295) 1.d5 Qxd5 2.Qh7+ Nxh7 3.Bxh7#.  
 296) 1...Bg1! 2.Kxg1 Nf3+!  
 297) 1.g6! Qxg6 (1...Qxf6 2.Qxh7# or 1...hxg6 2.Ng5!) 2.Bxg7 Qxg7 3.Rg1 wins.  
 298) 1.Ng5! hxg5 2.Qe6+ and 3.Qxc8.  
 299) 1.d7 Qd8 2.Qd6+ and 3.Qxc5.  
 300) 1...Rxb4! 2.Nxb4 Bh2+ 3.Kf1 (3.Kh1 Nf2#) 3.Qb6! and wins.  
 301) 1.Rxe6+! fxe6 2.Qh5#.  
 302) 1.Rxd8! Rxc7 2.Rh8+! Kxh8 3.d8=Q+.  
 303) 1.Qxe5! dxe5 2.Nf6+ and 3.Nxd7.  
 304) 1...Re6!! and wins. (2.dxe6 Bf2+! 3.Rf2 Rd1+, or 2.Nd2 Qg4+ 3.Kh1 Rxc6 4.dxc6 Qf4).

## CHAPTER 8 OVERLOADING

- 305) 1...Bh3! 2.Re1 (on 2.Nxh3 comes 2...Ne2+) 2...Bg2 winning material.  
 306) 1...Rxc2!! and White will lose material or be mated on h1.  
 307) 1.Rxd7! and if 1...Qxd7 2.Bxf6 winning. Obviously 1...Nxd7 is met with 2.Qxg7#.

- 308) 1...Rf7! winning, as 2.Qxf7 is met with 2...Qg3#. Other White Queen moves leave the Rc3 open to capture.
- 309) 1.Qh5+! Rxh5 2.Bg6#.
- 310) 1...Rd4+! 2.Qxd4 Qh2 and 3...Qg3 mates.
- 311) 1.Rxe5! Qxe5 2.Qf3 Qf6 3.Qd5+ and mate next.
- 312) 1...Nf5! 2.Nxf5 Rxf2+ and 3...Bxf5.
- 313) 1...Rxd1+ 2.Rxd1 Qxc3.
- 314) 1...Re2! threatens mate at h2, while 2.Rxe2 allows 2...Qxf1#.
- 315) 1...Nf3! threatening 2...Rxf1+! 3.Bxf1 Rxh2#, and the defense 2.Bxf3 allows 2...Rxf1#.
- 316) 1.Re8! Qxe8 (1...Rxe8 2.Qg7#) 2.Qf6+ Rg7 3.Qxg7#.
- 317) 1.Qh6! Bxh6 2.Ne7#.
- 318) 1...Qd7!! 2.Qc4 (2.Qxd7 Rxf1#) 2...Rxf1+ 3.Qxf1 Qxe6.
- 319) 1.Bf6! (threatening 2.Qh6 Nxf6 3.Qh8#) 1...Nxf6 2.Qh8#.
- 320) 1...Nxf3+ 2.Qxf3 Bxd2+.
- 321) 1.Qe5! threatening both the Queen and mate on g7, and 1...Qxe5 loses to 2.Rxf8#.
- 322) 1.Nd2! d6 (1...Nxd2 2.Rg5#) 2.Nxe4! dxe5 (2...Nxe4 3.Re8#) 3.Nxf6#.
- 323) 1...Rxd3! 2.Qxd3 Qxg2#.
- 324) 1.Bd6! wins since 1...Qxd6 loses to 2.Nxf7#.
- 325) 1.Re8! Qxe8 2.Qg7#.
- 326) 1.Qe8! Ka5 (1...Rxf7 2.Qb5#) 2.Qc6! Rxf7 3.Qb5#.
- 327) 1.Rh3! Qxh3 2.Qxg7#.
- 328) 1.Rxc8! Qxc8 2.Qg6 and there is no defense to 3.Qxh6#.
- 329) 1. Rxh7! wins a piece, since 1...Rxf7 allows 2.Rxh8 and 1...Rxh7 loses to 2.Rxg8.
- 330) 1.Rxa6! wins, as 1...Rxa6 allows 2.Qd8# and 1...Qxa6 allows 2.Qd7#.
- 331) 1.Qe7! Qc7 (1...Rxe7 2.Rf8# or 1...Rxf3 2.Qg7#) 2.Qf8+! Rxf8 3.Rxf8#.
- 332) 1...Nxf3+ 2.Qxf3 Qxb1+.
- 333) 1.Qc4! (threatening 2.Qg8#) 1...Rxc4 2.Rxf8#.
- 334) 1.Rc8+! Qxc8 2.Qxg7+! Rxf7 3.Rxg7#.

## CHAPTER 9 DIVERSION

- 335) 1.Nxa5! bxa5 2.Nf6+ Ke7 3.Rb7+ winning.
- 336) 1...Nf3+! and wins. 2.gxf3 is met by 2...Rg6+ 3.Kh1 Nf2#. If 2.Kh1 Nf2# immediately.
- 337) 1.Nd6! winning. On 1...cxd6 2.Rxe6! (with threats on g7).
- 338) 1...Ng3+! and wins. On 2.Qxg3 Rxb1 and on 2.hxg3 comes Ra8!! with the devastating Rh8 to follow.
- 339) 1...Qh4!! and wins. on 2.Nxh4 Rxf2 is mate, and on 2.Kg2 comes 2...Nf4+ 3.Kg1 Qg4+.

- 340) 1.Rd7! Rb8 (on 1...Bxd7 2.Qxf7+ Rxf7 3.Rxf7#) 2.Nxf7 Bxd7 3.Nd8+.
- 341) 1.Bb6!! Qxb6 (1...axb6 2.Qd8#) 2.Qh4+ Rf6 (2...f6 3.Qh7+) 3.Qxb4+ and wins.
- 342) 1...Rxd4! 2.cxd4 Bb4! 3.Ra3 (g2 must remain protected) 3...Qxa3! and wins, since on 3.bxa3 comes 3...Bxd2.
- 343) 1.Ne6! Nxe6 (on 1...fxe6 White mates with 2.Qf8+ Kh7 3.Qh6+ Kg8 4.Rf8#) 2.Qxf7+ Kh8 3.Qxe6 winning easily.
- 344) 1...Rc2! and wins (2.Qxc2 Nf4+ 3.Kh4 Qg4#).
- 345) 1.Qe8+! wins (1...Rxe8 2.Bd5+).
- 346) 1...Rg1+ 2.Kxg1 Qxe2.
- 347) 1.Re7! Qxe7 2.Qxd5+ picking up the Ra8.
- 348) 1...Nf3+! 2.Kh1 (on 2.gxf3 Bxd4+ and 3...Qxb5, same for 2.Rxf3) 2...Nxd4 3.Qxc6+ Nxc6 winning a piece.
- 349) 1...Bxd4 2.Qxb6 Bxb6.
- 350) 1...Rxf3+ 2.Kxf3 Qxe4+.
- 351) 1...Nc2+ 2.Qxc2 Qxe2#.
- 352) 1...Nxe2! 2.Rxb4 (If 2.Kxe2 Qxc3 while 2.Nxe2 allows 2...Qxb1+) 2...Bxc3 and Black emerges a piece ahead.
- 353) 1...Nc4 2.Rc2 Nxb2 3.Rxb2 Rxc3.
- 354) 1...Be2! and Black wins the exchange leaving himself two pawns up.
- 355) 1...Rxd3+ 2.Kxd3 Rxf2.
- 356) 1.Rxe6! Qxe6 2.Ng5 Qg6 3.Rxh7+ Qxh7 4.Nf7#.
- 357) 1...Rh1+ 2.Kxh1 Qxf2.
- 358) 1...Bc2+ 2.Kxc2 Qxe4+.
- 359) 1...Rb1+! 2.Rxb1 (if 2.Kf2 then 2...Qe1 is mate) 2...Qxa3.
- 360) 1...Re3! 2.Qg2 (2.Qxe3 Qh1#) 2...Rxf3.
- 361) 1.Nb6 Rb8 2.Nxa8 Rxa8 3.Bxc6.
- 362) 1...Qd6! 2.Qc3 (if 2.Qxd6 then 2...Rxe1#) 2...Qh2+ 3.Kf1 Qh1#.
- 363) 1...Bh4! 2.Qxh4 Qxc2+ and 3...Qxb2.
- 364) 1.Rd6 Rf6 (1...Re7 2.Nxg6) 2.Nd7 winning the exchange after 2...Bxd7 3.Rxf6.
- 365) 1.Kg3 Rd4 2.Nf5+.
- 366) 1...Bxc3 2.bxc3 g5 3.Nd3 Rxe2.
- 367) 1...Rd2! winning. (2.Qe3 Nc4 3.Qf4 Qxc5).
- 368) 1...Qxh3+! 2.Nxh3 Nxf3#.
- 369) 1...Nd4! 2.Nxd4 (on Queen moves, 2...Nxf3+ followed by 3...Qh2#) 2...Qh2#.
- 370) 1.Bxf7+! Qxf7 2.Rd8+ Kxd8 3.Qxf7.
- 371) 1.Qxh7 Rxh7 2.Rf8#.
- 372) 1.Re1! Rxe1 (1...Kd7 2.Rxe6 Kxe6 3.Qxc6+) 2.Qxc6+ Ke7 3.Qxa8.
- 373) 1.Qe6+ Kg7 2.Qe7+ wins the Knight.
- 374) 1.Qc7! Qxc7 (1...Qd5 2.Bxh6+) 2.Bxh6+ Ke8 3.Rxc7.
- 375) 1.Qd8+ Re7 (not 1...Kf5 2.g4#) 2.Nd7+ wins the Rook next move.
- 376) 1.Qxb4+ Kf5 (1...Ke3 2.Rc3+) 2.Rf6+ Kxf6 3.Qxf4+.

**CHAPTER 10  
BACK RANK**

- 377) 1.Nd5 Qd8 2.Bxc6 bxc6 3.Nxb4.  
378) 1.Rb7+ Kh6 2.Rxh7+ Kxh7 3.Qxf6.  
379) 1.Qg4+! Qxg4 2.Rxe8+ Kg7 3.fxg4.  
380) 1.Rh4! Nxh4 (1...Qxf6 2.Rhxh7# or 1...Nxg7 2.Qxd6) 2.Qxd6.  
381) 1.Bh3! f6 (on 1...Qxh3 2.Qxd8) 2.Bxd7 fxg5 3.Bxa4.  
382) 1.Qxc6+! Bxc6 2.Nxe6#.  
383) 1.Rxe6 Qxe6 2.Bxd5.  
384) 1.Rh7+ Kxh7 2.Qxf7+ Kh8 (or h6) 3.Rh1#.  
385) 1.g4! Bg6 2.Nxg6 Nxg6 3.Qxe4.  
386) 1...Qxe4+! 2.dxe4 Bf3+ 3.Kg1 Nh3#.  
387) 1.Nxc7+ Bxc7 2.Bb5#!  
388) 1.Qxg7+!! Nxg7 2.Nh6#!  
389) 1.Rxd4! and mate in two follows on any recapture of the Rook.  
390) 1.Qc4!! and wins. (1...Qxc4 Rh1 mates. If 1...Re7 there follows 2.Qxe4 followed by 3.Rh1+. Finally if the Queen retreats along the h1-a8 diagonal, 2.Qh4+ is allowed).  
391) 1.Qa8!! and wins. (Capturing the Queen results in 2. Nxe7+ followed by 3.Nxc8, and on 1...Rb7 2.Nxe7+ Rxe7 3.Qxb8).  
392) 1.Qh3! and wins. (1...Qxh3 2.Rxg7+ Kh8 3.Rxf7+ Kg8 4.Rg7+ Kh8 5.Rg8+ and mate).  
393) 1...Qa5! and wins. (on 2.Qxa5 Nb3#, or 2.Qd1 Nb3+ 3.Qxb3 Qd2#).  
394) 1.Ra8+! and wins. (1...Bxa8 2.Ba6+, or 1...N6b8 2.Rxb8+ Nxb8 3.Rc7#).  
395) 1.dxe5 Qxe5 2.Nxd6 Qxd6 3.Bxf4.  
396) 1.Qg6!! and wins. (1...fxg6 2.Rxg7+ followed by 3.Nxg6#).  
397) 1.Rb1+ Ka7 (1...Kc8 2.Qd7#) 2.Qd4+! Qxd4 3.Nxc6#.  
398) 1...Rxf3! 2.gxf3 Qh3 and mates.  
399) 1.Re8! and Black Resigns.  
400) 1.Nxf7! and wins. (1...Kxf7 2.Qxg6+ Kf8 3.Qxh6+ Kg8 4.Qh7+ Kf8 5.Bg6 and mate at f7).  
401) 1.Rf4+! Kh5 2.Rh4+! gxh4 3.g4#.  
402) 1...Qf2+! 2.Qxf2 Rh5+! 3.Bxh5 g5#.  
403) 1...Re3+! and wins. (2.fxe3 Qg3#).  
404) 1.Rh7+! and wins. (1...Kxh7 2.Qh2+).  
405) 1.Rb8!! winning immediately. (1...Qxb8 2.Qxh4!).  
406) 1.Nh5!! and wins. (1...Nxh6 2.Qxh6 Rg8 3.Rf7).  
407) 1.Ncd6! and wins. (if 1...exd6 2.Nf6+, or 1...Qxb2 2.Nf5 Qxc1+ 3.Bf1 Qe3+ 4.Kh1!)  
408) 1...Bf3!! winning. (2.gxf3 Rh6 3.Re1 Qxh2+ 4.Kf1 Qh3+ 5.Kg1 Qh1#, or 2.Qd3 Rh6 3.h3 Bxg2, or 2.g3 Qxh2+!).  
409) 1...Qf3!! and wins (2.gxf3 Nexf3+ 3.Kh1 Bh3 with mate coming on g2).

- 410) 1...Rxd6! 2.Qxd6 (2...exd6 Qe1+ and wins) 2...Rd8 and wins. If 3.Qxe7 then 3...Rd1#.  
411) 1...Qxg2+! 2.Rxg2 Rb1+ 3.Rg1 R (either) xg1#.  
412) 1...Qd4+ 2.Kh1 Qf2! and wins, since 3.Rxf2 allows 3...Re1+ and mate next, while if 3.Qb5, then 3...Re1 wins.  
413) 1.Qxc7+! Rxc7 2.Rxd8+ Rc8 3.R (either) xc8#.  
414) 1...Rc5! and now if 2.Rxc5 then 2...Qxb7. If instead 2.dxc5, then 2.Qd1#.  
415) 1...Bxe4! and if 2.Qxe4, then 2...Qf1+ mating, while if 2.Rxe4, then again Qf1+ mates.  
416) 1...Rc1! 2.Rxc1 Qd1+! 3. Rxd1 Rxd1#.  
417) 1...f3+! 2.Kg1 Qxf1+! 3.Kxf1 Rd1#.  
418) 1...b5! 2.Qxc6 Qf1+ 3.Rxf1 Rxf1#.  
419) 1.Qxa8! Rxa8 2.Rd8+ Rxd8 3.Rxd8#.  
420) 1.Rxb8+! Kxb8 2.Qxe5+! and if 2...fxe5, then 3.Rf8+ mates.  
421) 1.Qxd6! cxd6 2.Nf7+ Kg8 (if 2...Rxf7 then 3.Re8+ mates) 3.Nxg5 and wins.  
422) 1.Qxf6+ Rxf6 2.Rd8+ Rf8 3.Rxf8#.  
423) 1.Nf5! Rd7 (if 1...exf5, 2.Rd8+ mates next) 2.Bxd7 and wins material.  
424) 1.Rxe5! Nxe5 (if 1...Qxc4, then 2.Re8#) 2.Qc8+ Qd8 3.Qxd8#.  
425) 1.Qc3! Qc5 (if 1...Qxc3, then 2.Rxf8 is mate) 2.Rxf8+ Qxf8 3.Qxb2 and wins.  
426) 1.Qb3+ Kh8 2.Qf7! wins, since 2...Rxf7 allows 3.Rxe8 and mate next.  
427) 1.Qc4+ Kh8 (if 1...Rf7, then 2.d7 Qd2 3.Rad1 and wins) 2.Qxg4! and wins, since 2...fxg4 allows 3.Rxf8#.  
428) 1.Qxb4 axb4 2.Rxa8+ Be8 3.Bxd5! and if 3...Qxd5, then 4.Rxe8#.  
429) 1.Rxe8 Qxe8 2.Qa4! and wins, as 2...Qxa4 allows 3.Rb8+ forcing mate.  
430) 1...Qg2+! 2.Qxg2 Rxe1+ 3.Qf1 Rxf1#.  
431) 1.Qc6! (threatening 2.Ra8#) 1...Qxc6 2.dxc6 Kb8 3.Rfa1 and mate by 4.Ra8 cannot be stopped.  
432) 1...Nd3+ 2.Qxd3 Qc1+ 3.Rxc1 Rxc1#.  
433) 1...Qe4!! and White resigns as the Black Queen is diverted from pinning the Rook on f7.  
434) 1.Rc8! Rxc8 2.Qd8+ Rxd8 3.Rxd8#.  
435) 1...Rgc8! and White Resigns. The Rook on c1 cannot be defended, and if it moves along the first rank, there comes ...Qxa1!! winning.  
436) 1...Ng4! 2.Qxd6 1.Rf1#.  
437) 1...Qd2! attacking both Queen and Rook, and 2.Qxd2 allows 2...Rf1#.  
438) 1...Ne4! 2.fxe4 Rxd1#, or if 2.Qxa7, Rxd1#.  
439) 1...Qe4! and if 2.Qe2, then 2...Qxe2 3.Rxe2 Rxd1+ and mate next or if 2.Qxe4 then 2...Rxd1+ mates.

- 440) 1...Qxe4! and if 2.Qxd6, then 2...Qe1#, while 2.dxe4 allows 2...Rd1+ and mate next.  
 441) 1...Qd6! 2.Rxd6 Re1+ 3.Kh2 Rh1#.  
 442) 1...Qb2! 2.Rd3 (if 2.Qd3 Qa1+! wins, but not 2...Rxd3 allowing 3.Rc8+ mating. Also if 2.Qxb2 Rd1#) 2...Qb1+ and wins.  
 443) 1...Qe2!! and if 2.Rdxe2 Nxe2+ 3.Rxe2 Rf1#, or if 2.Nf6+ Rxf6 3.exf6 Qxd2 wins a piece.  
 444) 1...Rxa3!! and wins, since 2.Qxa3 allows mate after 2...Qe1+ and 2.Rxa3 again fails against 2...Qe1+. Finally, if 2.bxa3, then 2...Qxa1+ 3.Qb1 (or 3.Rb1) and 3...Re1+ mates.

## CHAPTER 11 MIXED THEMES

- 445) 1...d4! 2.Qxd4 Qxb3#.  
 446) 1...c5! 2.Nde2 (2.Nc2 Nxf3+ 3.gxf3 Bxc3) 2...Nxc4 wins a pawn.  
 447) 1...Rd3! 2.Qxd3 (2.Bxd3 Qxh3+ 3.Kg1 Qg2#) 2...Nxd3 3.Bxd3 Qd6+ and 4...Qxd3.  
 448) 1...Ne2+ 2.Bxe2 (2.Rxe2 Qxg4) 2...Qxe3+ and 3...fxg4.  
 449) 1.Ne4! Bxe4 2.Rxe4 dxe4 3.Qg3#.  
 450) 1...Bd6!! 2.Rxd6 (2.Bxd6 d1=Q) h2 and queens a pawn.  
 451) 1.Rd5! exd5 (1...Qxd5 2.Qf6#) 2.Qxd8+ Re8 3.Qxe8#.  
 452) 1...Ng4+! followed by 2...Be5+ wins the White Queen.  
 453) 1.Re3! Bxe3 2.Qxg7#.  
 454) 1.Ne6! and 2.Qxh6#.  
 455) 1...Nf3+ 2.gxf3 Qxd1+ wins.  
 456) 1.Qxg6+ fxg6 2.f7+ Qxf7 3.Rh8#.  
 457) 1...Bd3+! 2.Qxd3 Qxg1+.  
 458) 1.Rg3+ Kf7 2.Qxf4+.874) 1.Rf5! exf5 2.Qxh5#.  
 459) 1.Rf5! exf5 2.Qxh5#.  
 460) 1.Bxg6!! and wins.  
 461) 1.Bd6! Rxd6 (1...Qxb3 2.Rf8#) 2.Qxb8+ mates in two.  
 462) 1.Qa2+! Bxa2 2.Rb2+! Kxc1 3.Rxf2 wins.  
 463) 1.Rf3! Rd5 2.Rc8! and wins.  
 464) 1...Rc4+ 2.Kd2 Rc1! winning. (3.Kxc1 h2 and promotes).  
 465) 1...Qxf3+ 2.Kxf3 Ne3! and wins. (3.Kxe3 h2).  
 466) 1.Qxc8+! Nxc8 2.d7 and queens next.  
 467) 1...Bb2! 2.Nxb2 c1=Q+ and wins.  
 468) 1...b2! 2.Qc3 Bb4! 3.Qxb4 Nxb4 and 4...bxa1=Q.  
 469) 1.Rxg4! Rxg4 2.e7 Rg8 3.Rd8 and wins.  
 470) 1...Re1! 2.Rxe1 Nxe1 3.Kxe1 h2 and queens.

- 471) 1.e8=Q+! Kxe8 2.Ba4 wins.  
 472) 1...Ra3+ 2.Kc2 Rxf3! 3.gxf3 h3 and queens in two.  
 473) 1.Qxb6! axb6 2.Nxc6 and the a-pawn will be decisive.  
 474) 1...Rxh7! 2.Rc1 (The Rook cannot be captured) 2...Kc3 and wins.  
 475) 1...Qxf1+! 2.Qxf1 Re1+.  
 476) 1...Rxc2! 2.Nxc2 Qf1+ 3.Ka2 b1=Q#.  
 477) 1...Qxh2! 2.Rxh2 gxh2 and queens next.  
 478) 1.Qxd5! cxd5 2.a6 and queens in two more moves.  
 479) 1.Qxd6+! Qxd6 2.c7 and wins.  
 480) 1.Ne3! Nd6 (1...Nxe3 2.Rc8+) 2.Rc8+!! Nxc8 3.Rxb8 Nxb8 and 4.bxc8=Q+.  
 481) 1...d2! and now 2.Rd1 Qxe6 or 2.Qxd7 dxe1=Q#.  
 482) 1.Qxe6 Qxe6 2.d7+.  
 483) 1...Qxd1 2.Qxd1 a1=Q winning.  
 484) 1.Qg8+ Kd6 2.Ba3+ Kc6 3.Qa8+ wins the Black Queen.  
 485) 1.Ra1+ Kb8 2.Ra8+ Kc7 3.Ra7+.  
 486) 1.Rxe5 dxe5 2.Rd1+.  
 487) 1.Rh8 Rxa7 2.Rh7+ wins the Rook.  
 488) 1...Qa2! (threatening 2...Qa1#) 2.c3 Bf3 winning the exchange.  
 489) 1.Ne5+ Ke6 2.Qg8+.  
 490) 1...Nxc4 2.Qxc4 Be6 wins the exchange.  
 491) 1...Bg4 2.Qd2 Bxd1.  
 492) 1...Ra4+! 2.bxa4 b4#.  
 493) 1...Rc1+! 2.Kxc1 Re1+! 3.Nxe1 Qxe1#.  
 494) 1...Na4! 2.bxa4 (2.Kxa4 Ra1#) 2...Rxb6.  
 495) 1.Rg6! fxg6 2.hxg6+ Rxg6 3.fxg6+ winning.  
 496) 1...Bg4 wins the piece since 2.Ng1 is met by 2...f3, and 2.Qd1 loses to 2...Nd4.  
 497) 1.Bh6+! Kxh6 2.Qd2+ followed by 3.Nxd8 winning the Black Queen.  
 498) 1.Nxe6 fxe6 2.Rxe6+! Qxe6 3.Nxg7+ and 4.Nxe6.  
 499) 1.Bxc6+! Kxc6 2.Qb7#.  
 500) 1...g5! 2.Bg3 g4 3.Ng1 Bxg2.  
 501) 1...Nh4! wins the Queen.  
 502) 1.Ne3 wins the Queen.  
 503) 1.Nf4 wins the Queen.  
 504) 1.Qf7+! Nxf7 2.exf7#.  
 505) 1...c5 2.Qe3 c4.  
 506) 1.f6+ hxg4 2.Be6+ Ke8 3.f7#.  
 507) 1.Rad1 Bxg4 2.Rd3#.  
 508) 1.Qh6+ Nxh6 2.Bxh6#.  
 509) 1...Qf1+! 2.Bg1 Qf3+!! 3.Bxf3 Bxf3#.  
 510) 1.Qxe4+! Nxe4 2.Bxf7#.  
 511) 1.Qxd7+! Nxd7 2.Ne6#.



- 512) 1...g5 2.Bg3 h5 3.Nh2 h4 wins the Bg3.  
 513) 1...Qxh4+ 2.Kg1 Qh1+ 3.Kf2 Qh2+ and 4...Qxc2.  
 514) 1.Qg4! g6 2.Qd4 and mate at g7 or h8 next.  
 515) 1.c6! bxc6 2.Ba6+ Kd8 3.Qb8#.  
 516) 1.Qh8+ Kxe7 2.Re1+ Kd6 3.Qe5#.  
 517) 1.Qa6 bxa6 2.Rb8#.  
 518) 1.Qxh6! gxh6 2.Bh7#.  
 519) 1...Qg1+! 2.Rxg1 Nf2#.  
 520) 1.Qxf6+! Kxf6 2.Be5#.  
 521) 1.Qh6 and 2.Qg7#.  
 522) 1.Nxf6! Bxf6 2.Qxh7+! Kxh7 3.Rh5#.  
 523) 1.Rxg7! Rxg7 2.Qxh6+ Rh7 3.Qxf8#.  
 524) 1.Qg4+ Qg6 2.Ne7+ and 3.Nxg6.  
 525) 1.h6+ Kg8 2.Qf6 and 3.Qg7#.  
 526) 1...Nd7 2.Bxd4 exd4 and 3...Nb6# is unstoppable.  
 527) 1.Qxf8+! Kxf8 2.e7#.  
 528) 1.Rh7+! Kxh7 2.Qxf7+ Kh8 3.Rh1+ mating.  
 529) 1.Qxh7+ Rxh7 2.Rg8#.  
 530) 1...Bb4+! 2.axb4 Qe3+ 3.Kc2 Nxb4#.  
 531) 1.Ne6! Bxe6 2.Qh7+! Kxh7 3.Rh3#.  
 532) 1...Nd4+ 2.Ke3 Nef5#.  
 533) 1.Rxh7! Kxh7 2.Qh5+ Kg8 3.Bxg6 and wins quickly.  
 534) 1...Qxd1+!! 2.Qxd1 Bg4! 3.Qxd8+ (If the Queen moves, then 3...Rd1+) 3...Nxd8 with an extra piece.

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