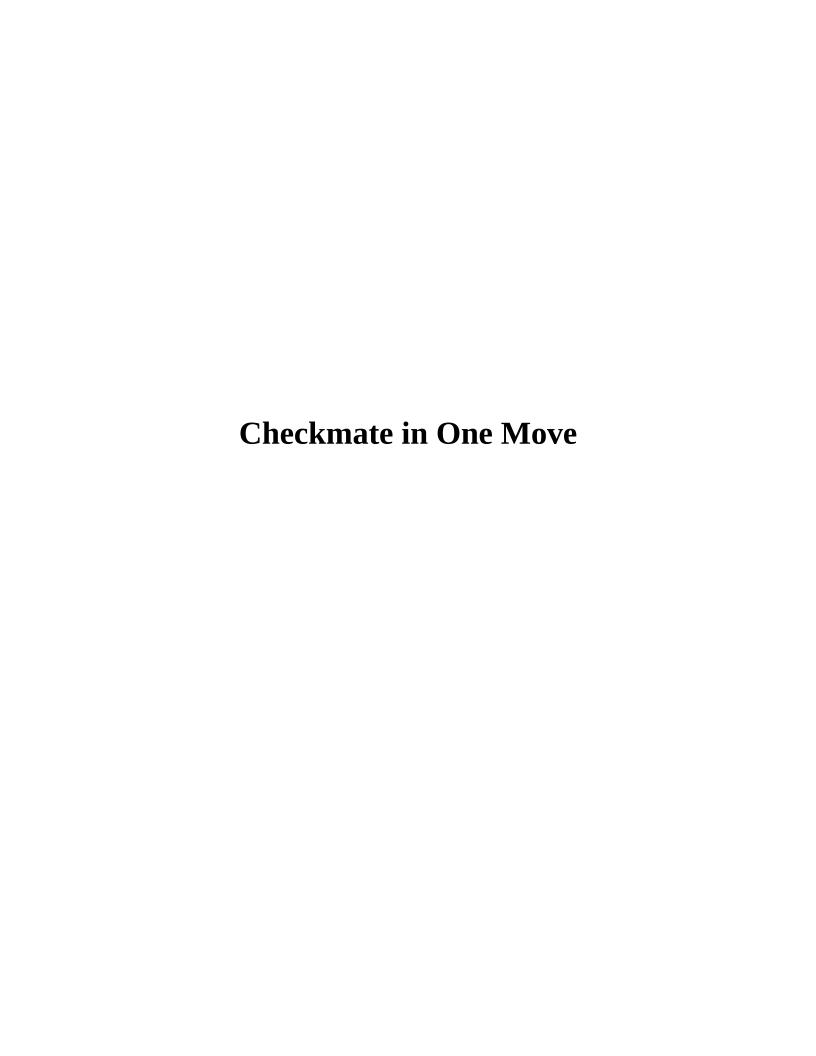
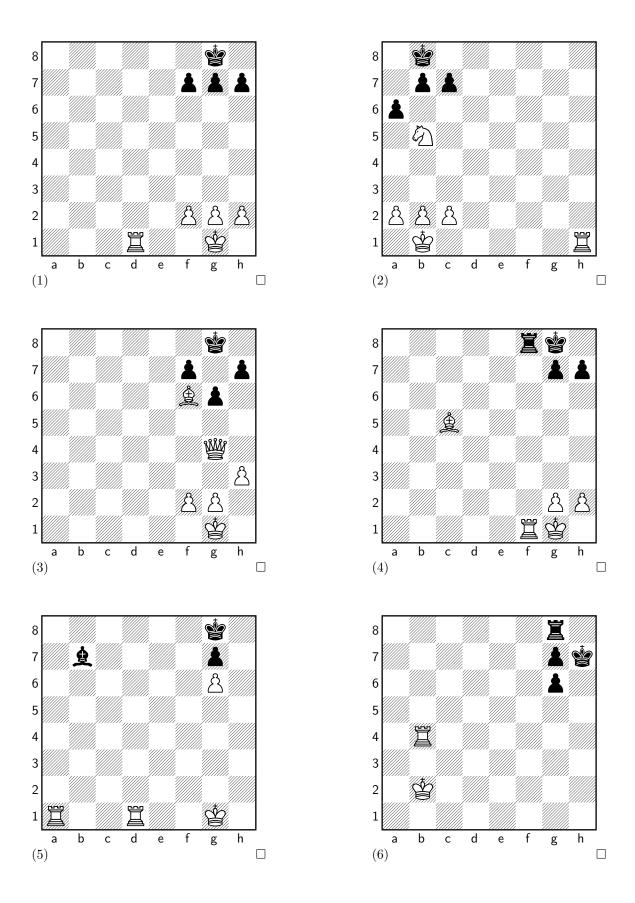
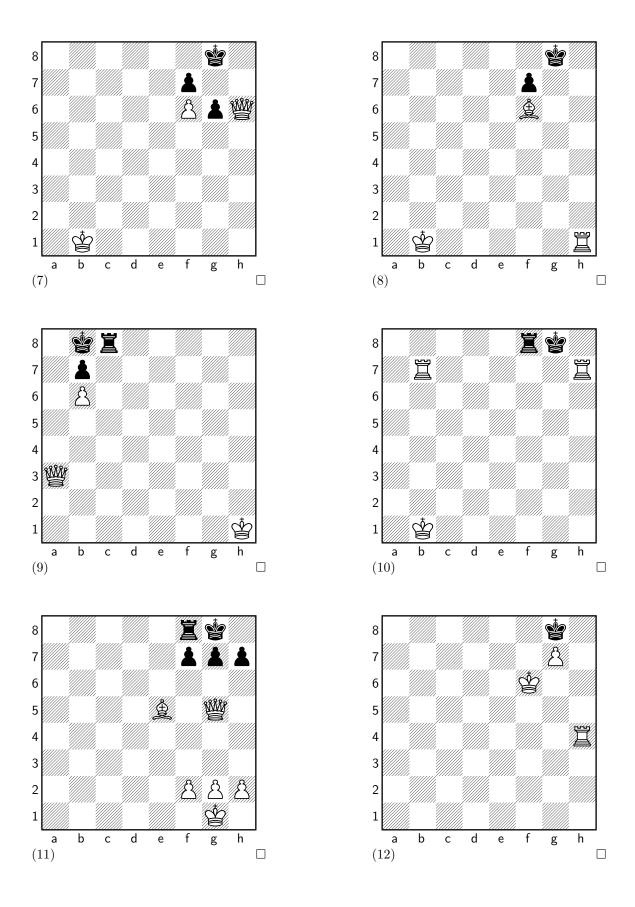


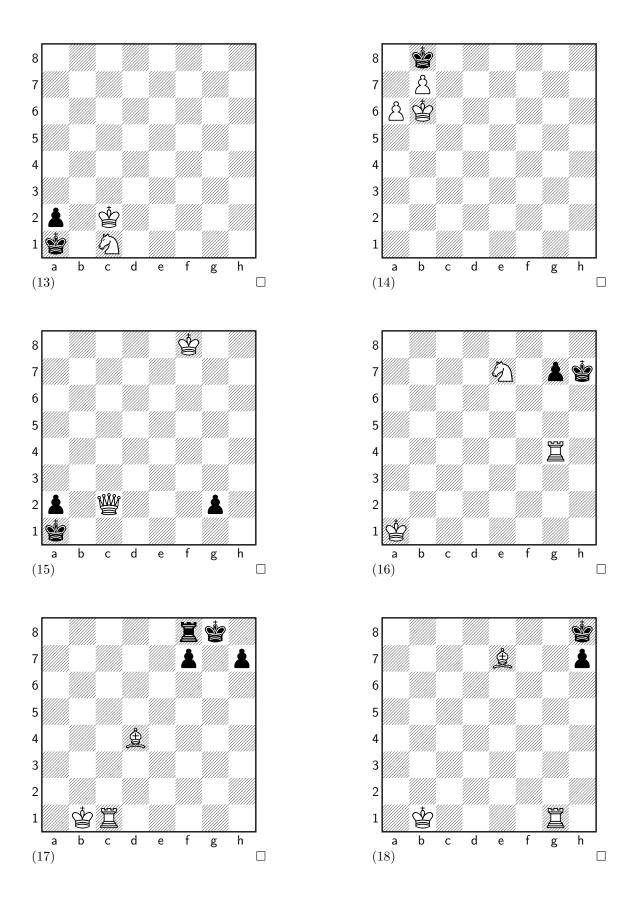
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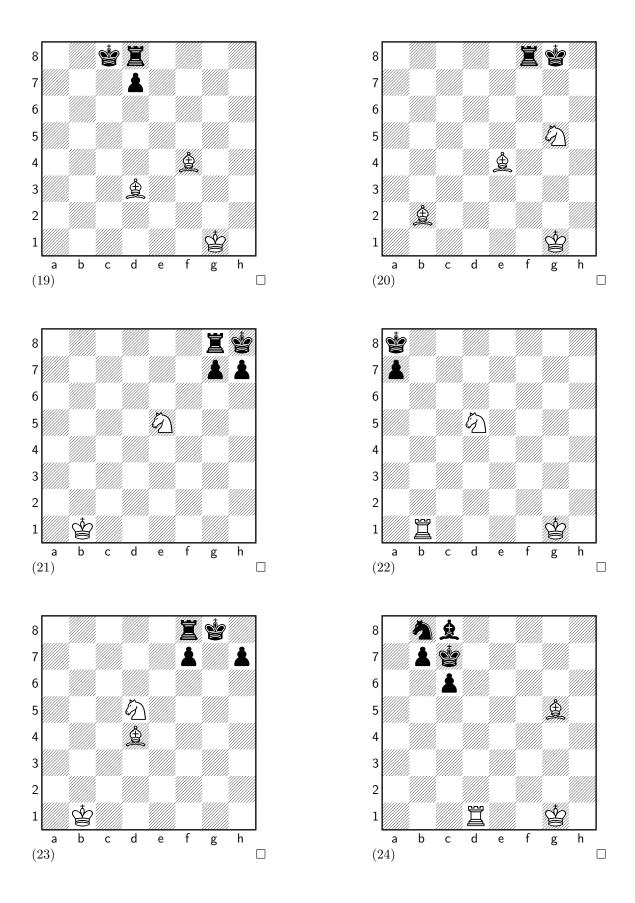
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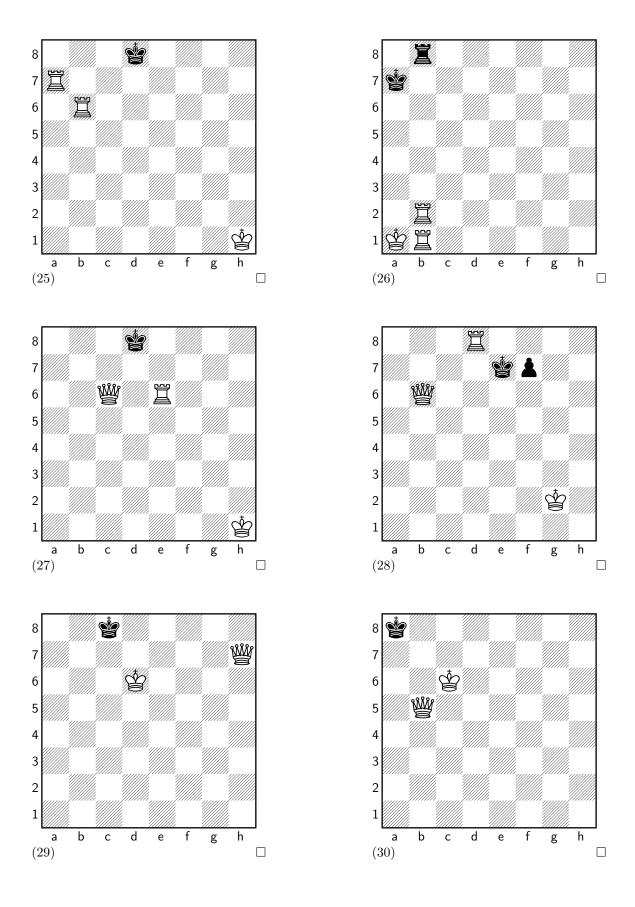


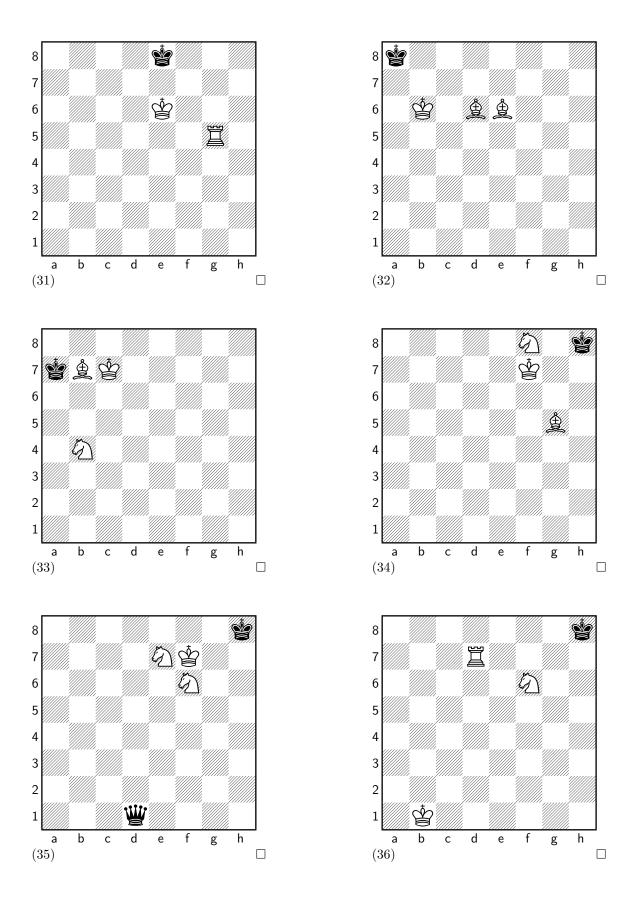


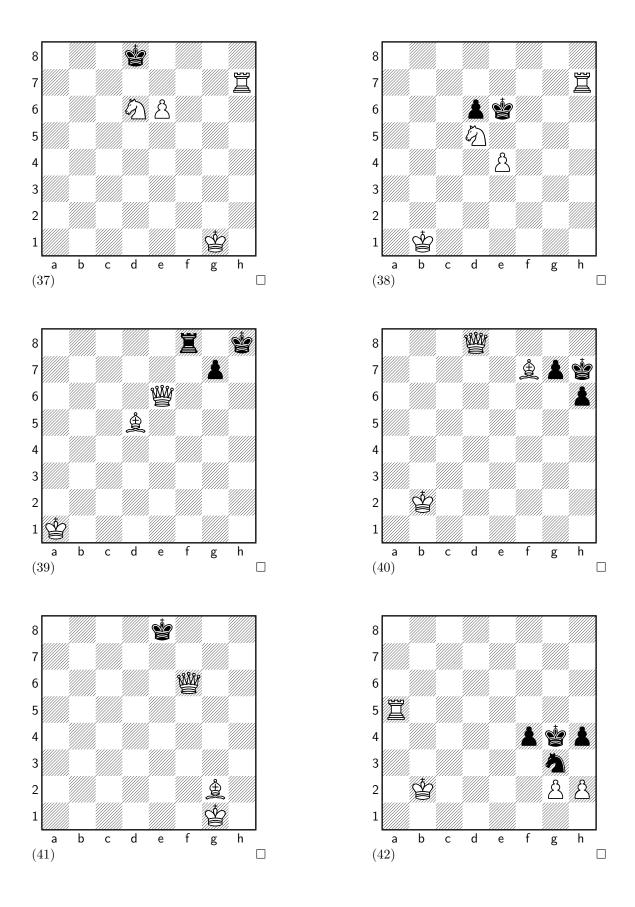


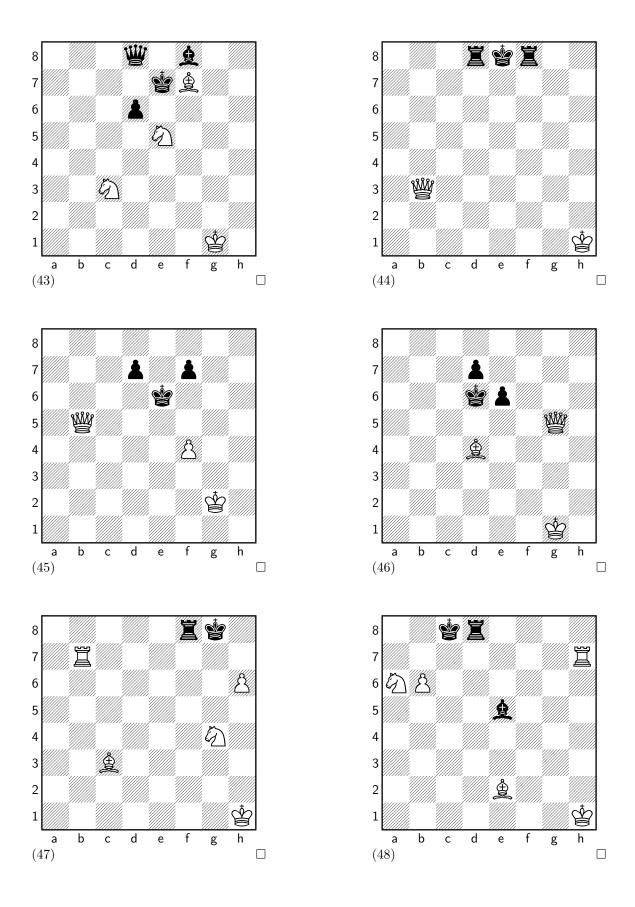


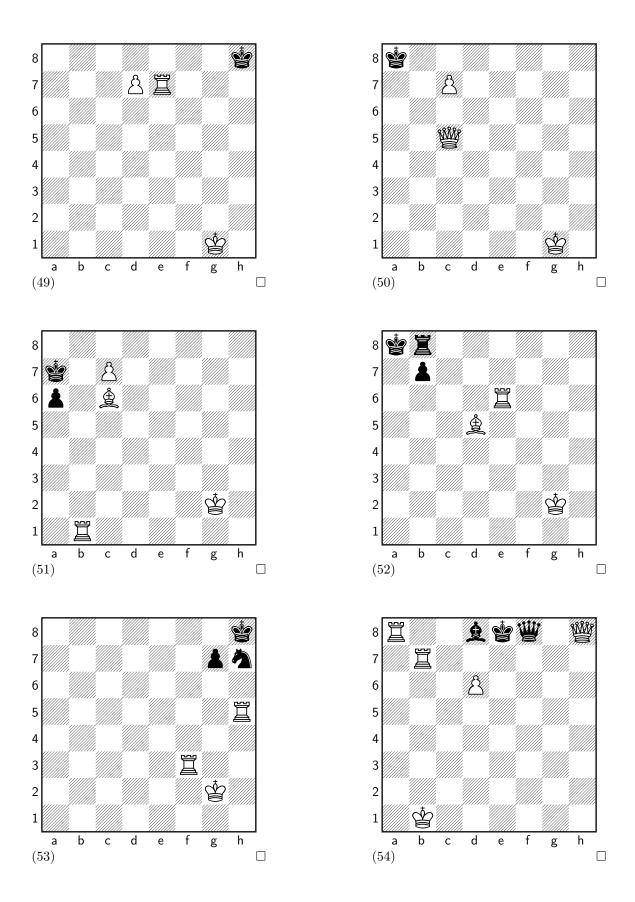


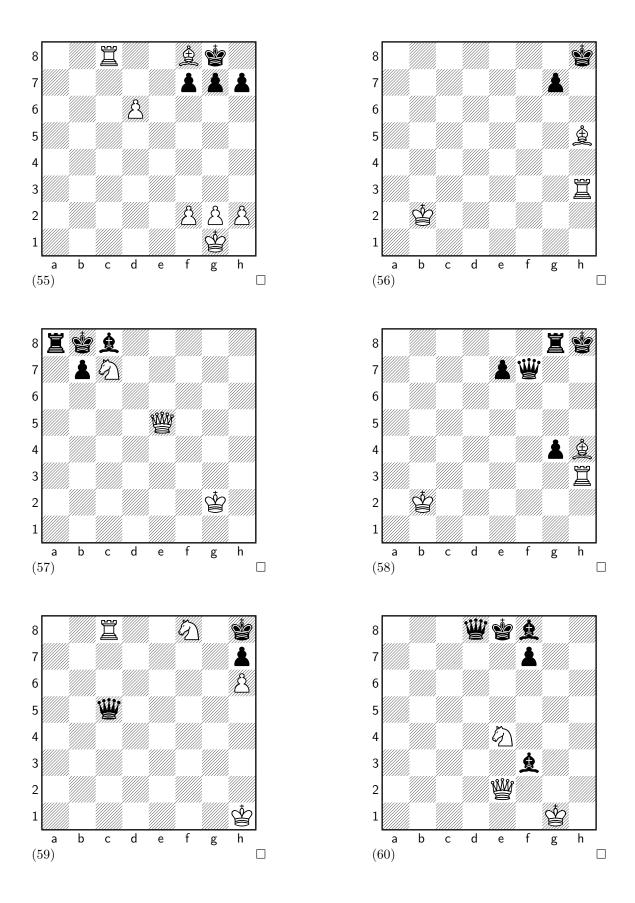


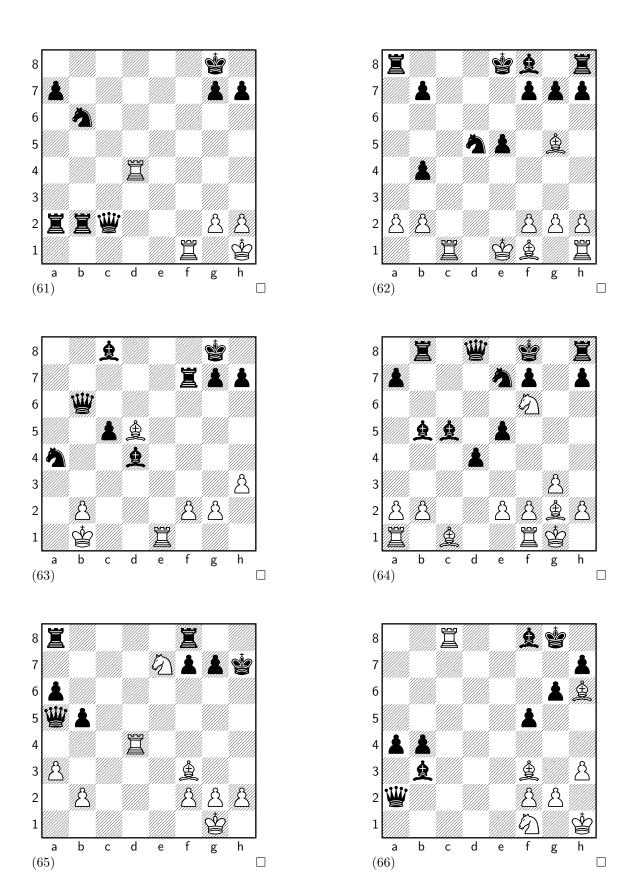


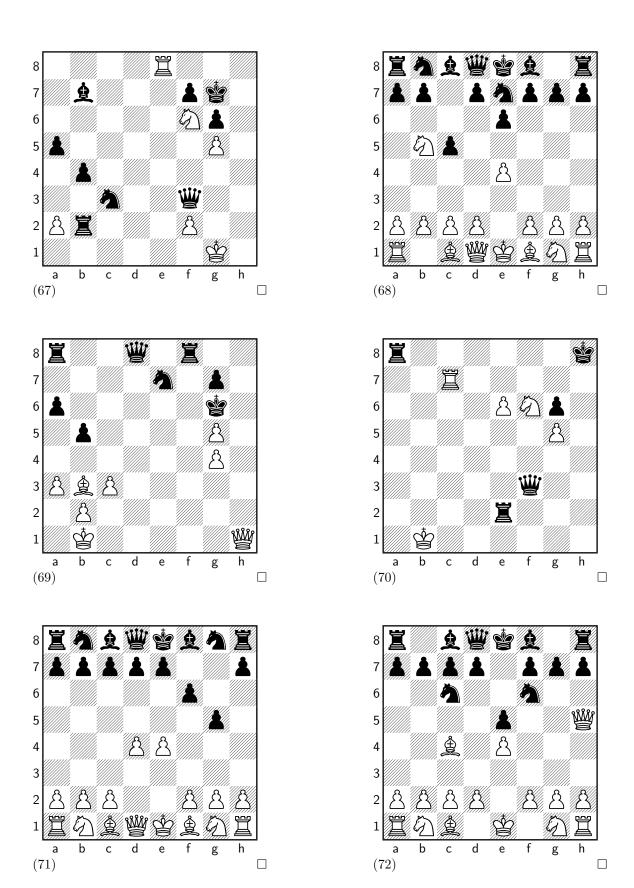






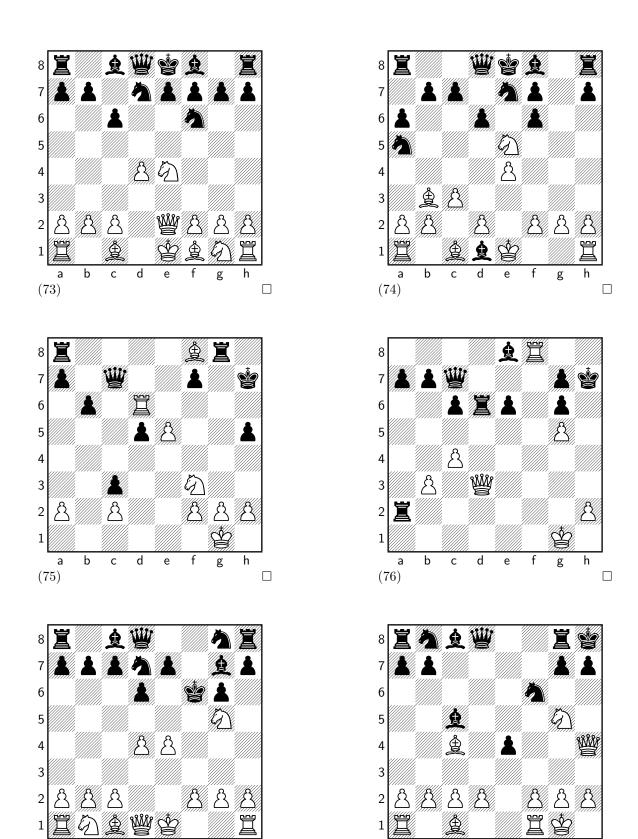






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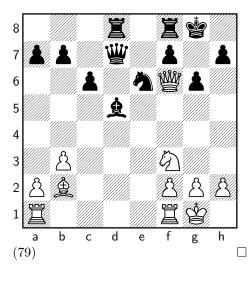
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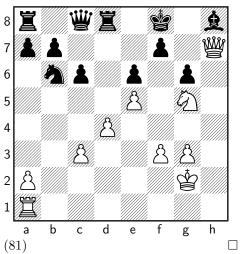
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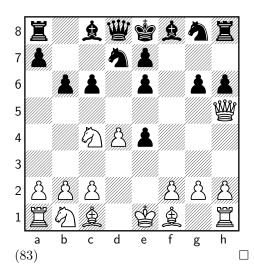
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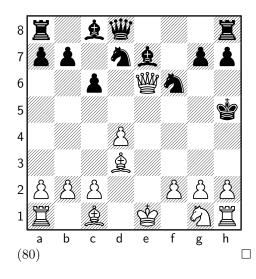
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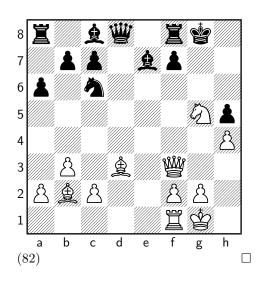
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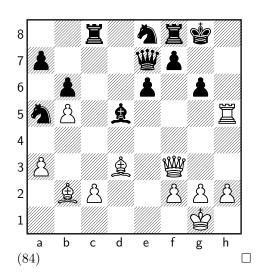


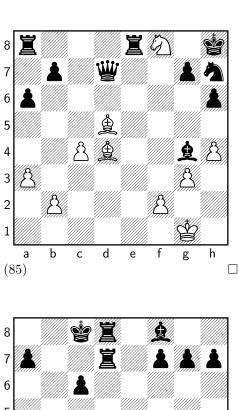


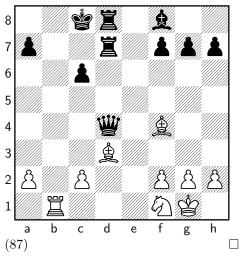


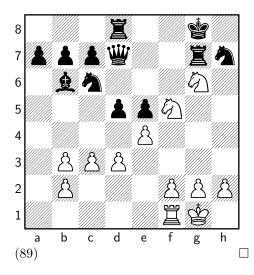


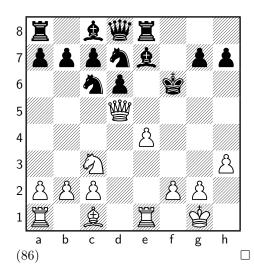


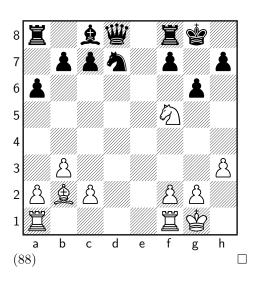


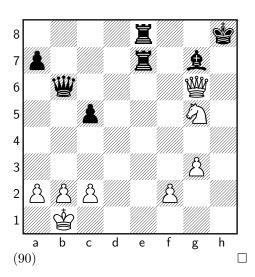


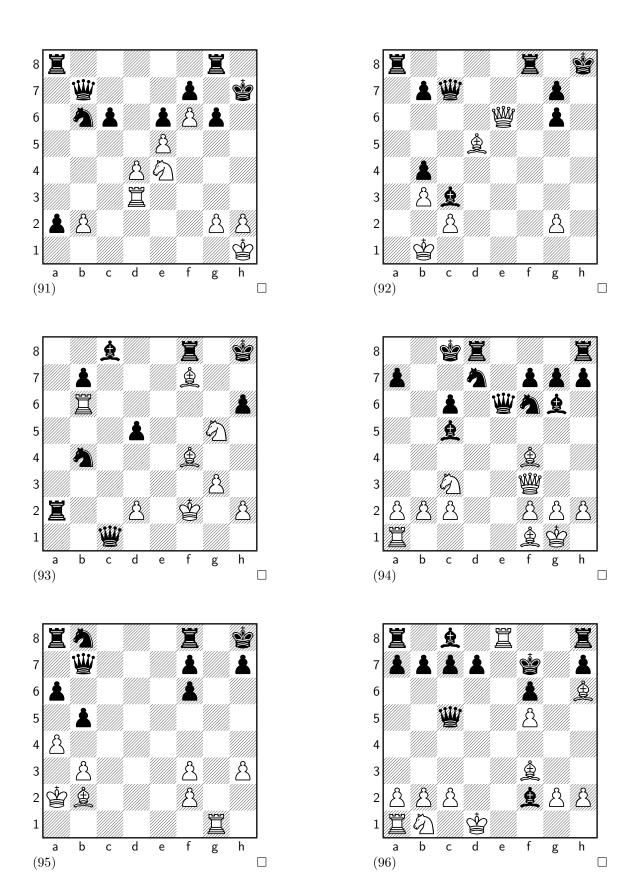


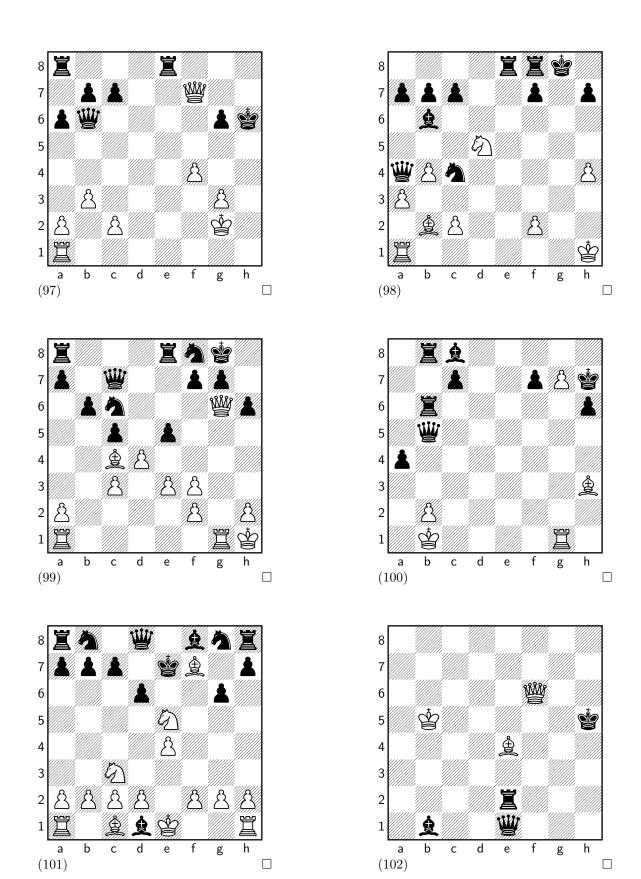


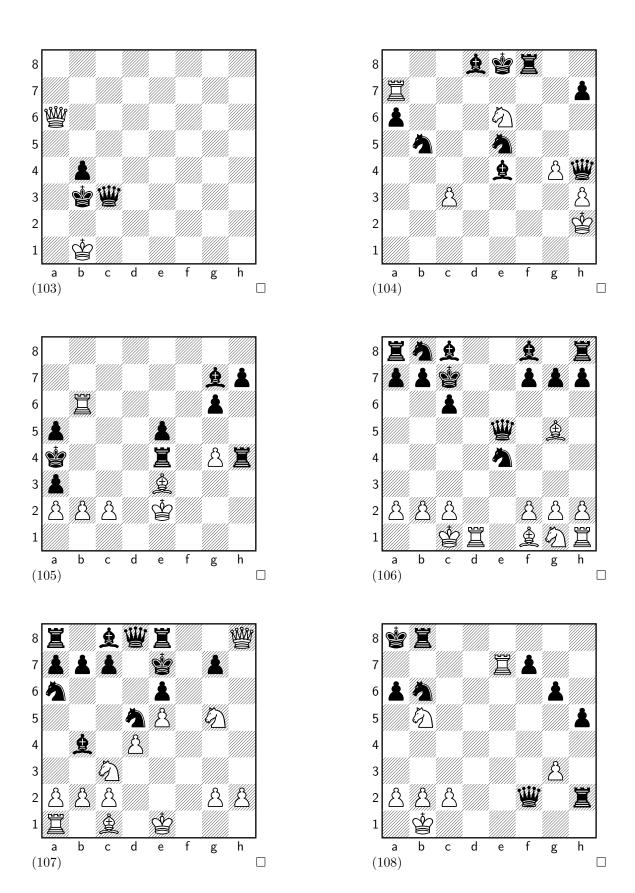


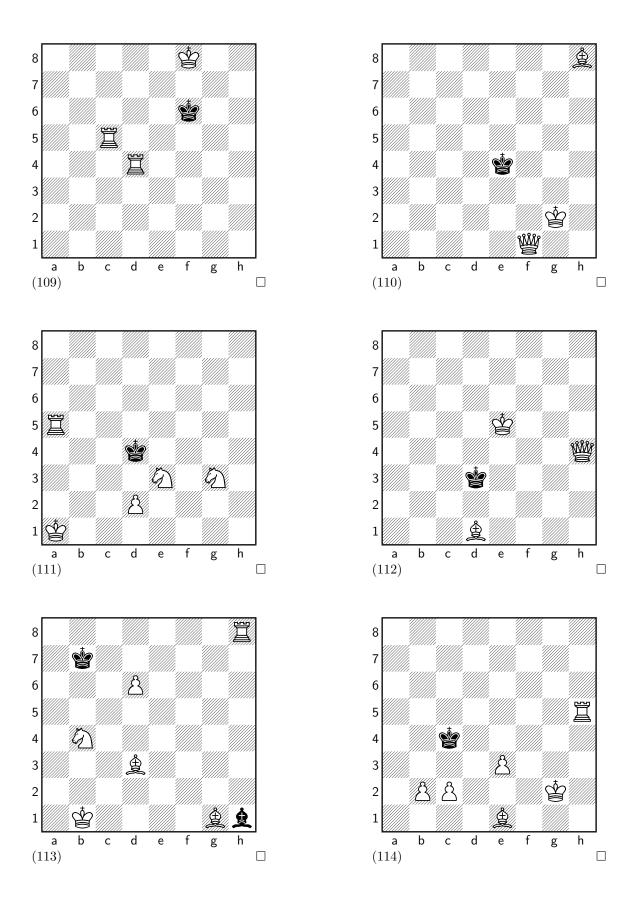


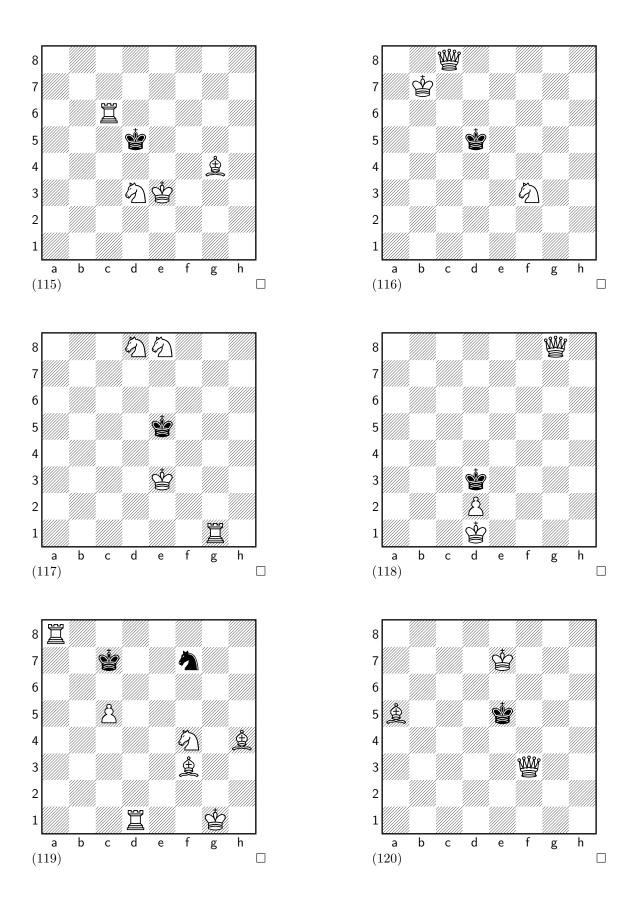


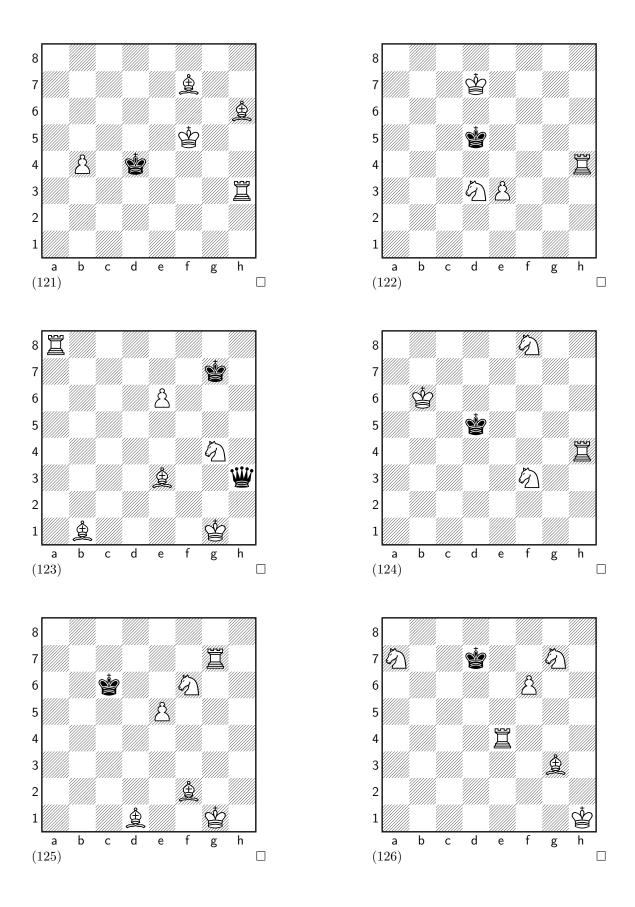


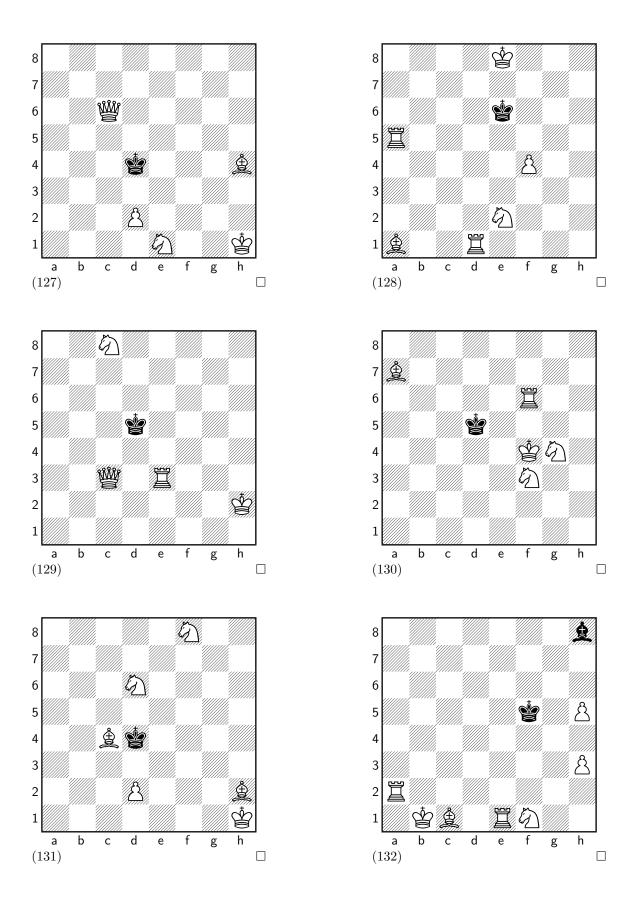


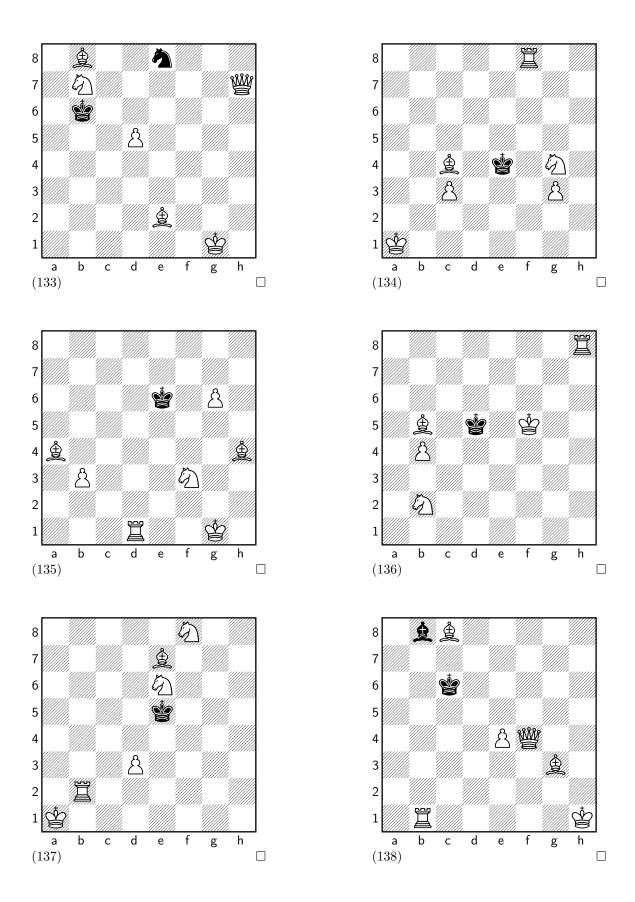


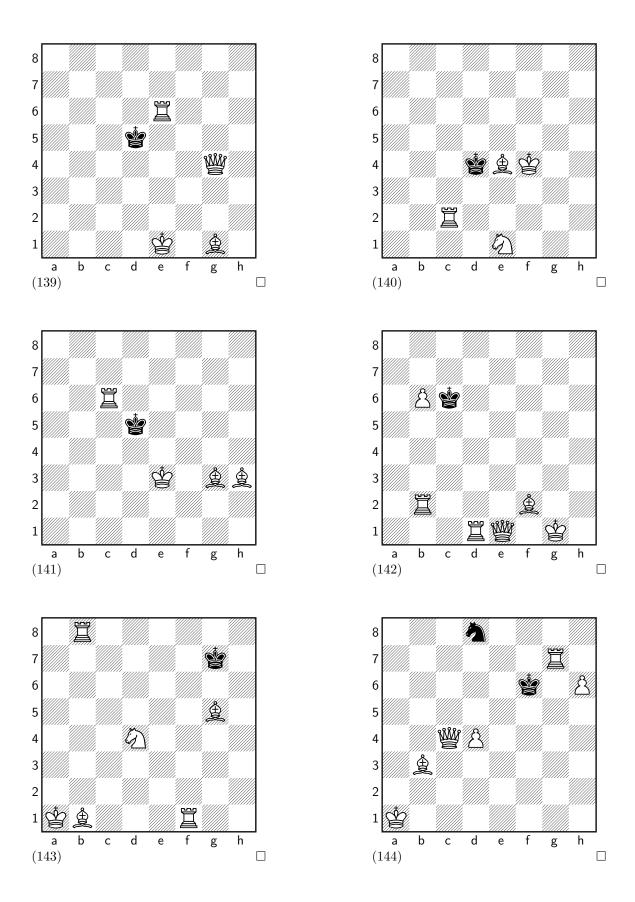


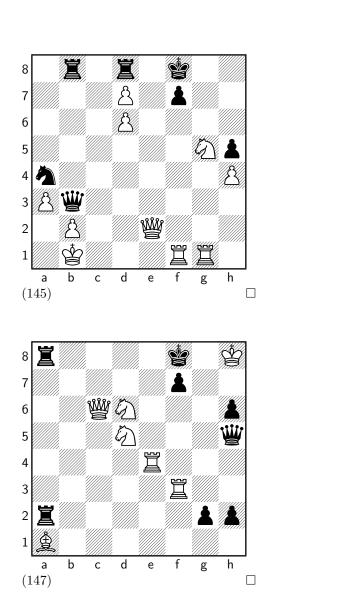


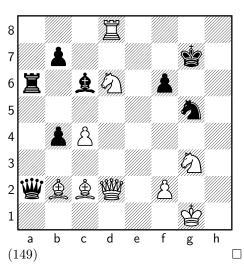


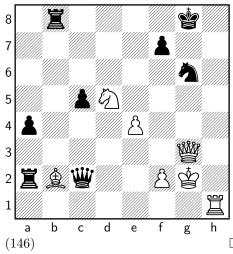


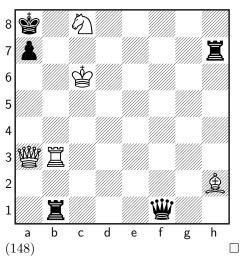


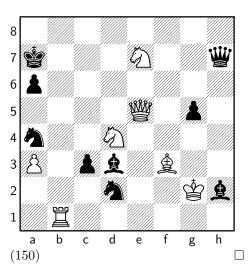


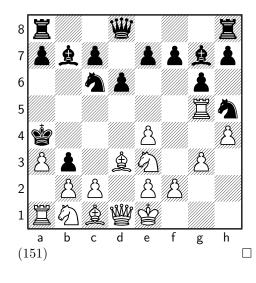


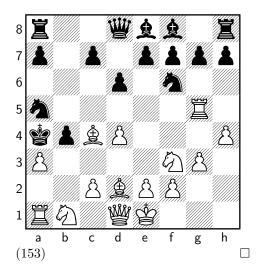


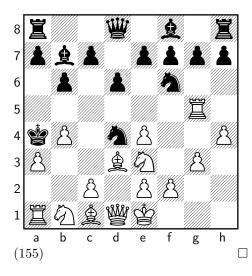


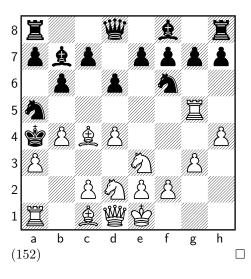


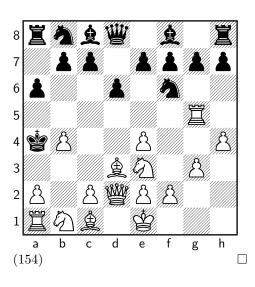


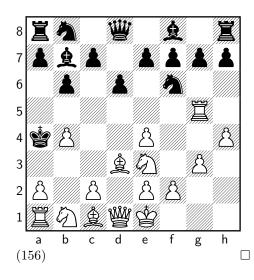


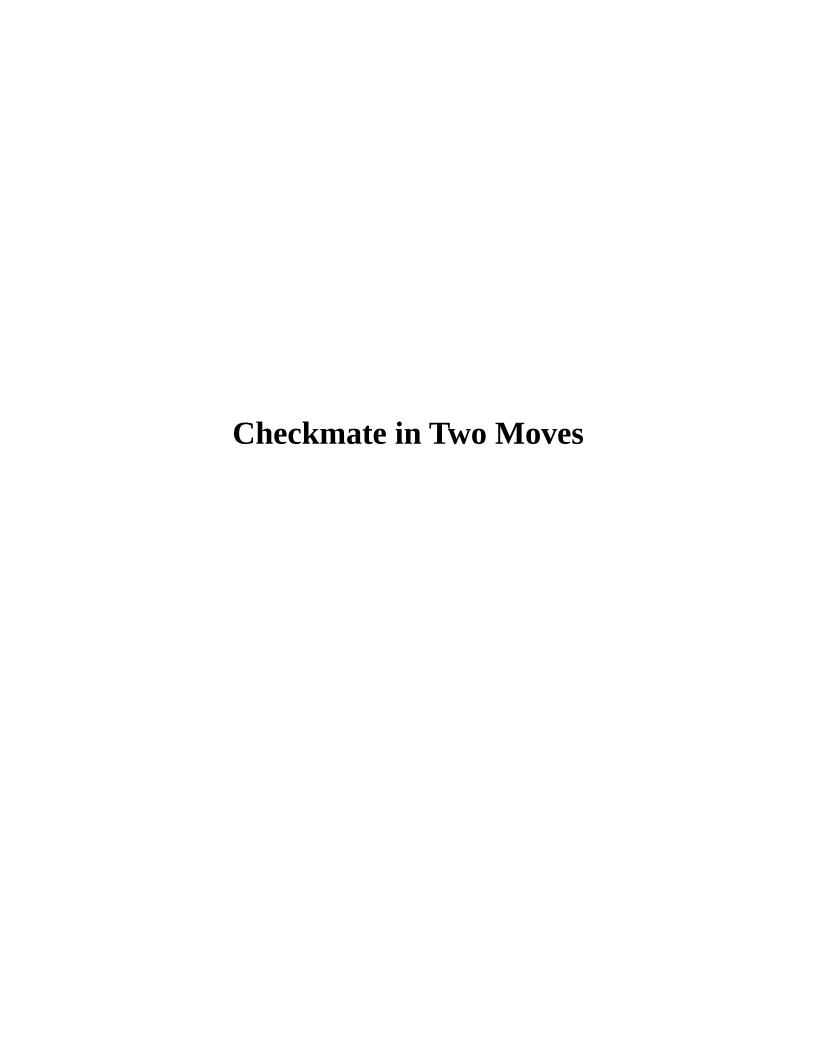


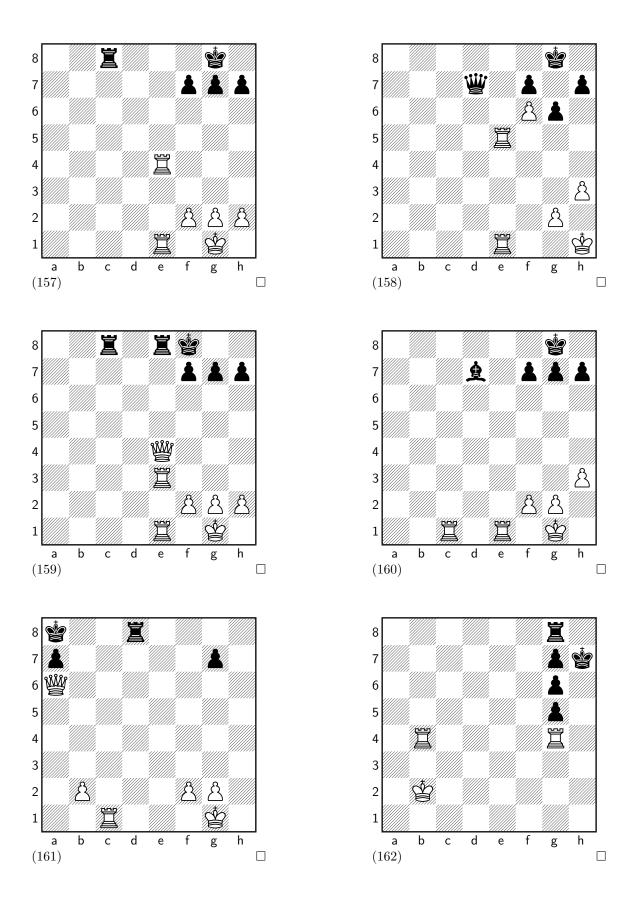


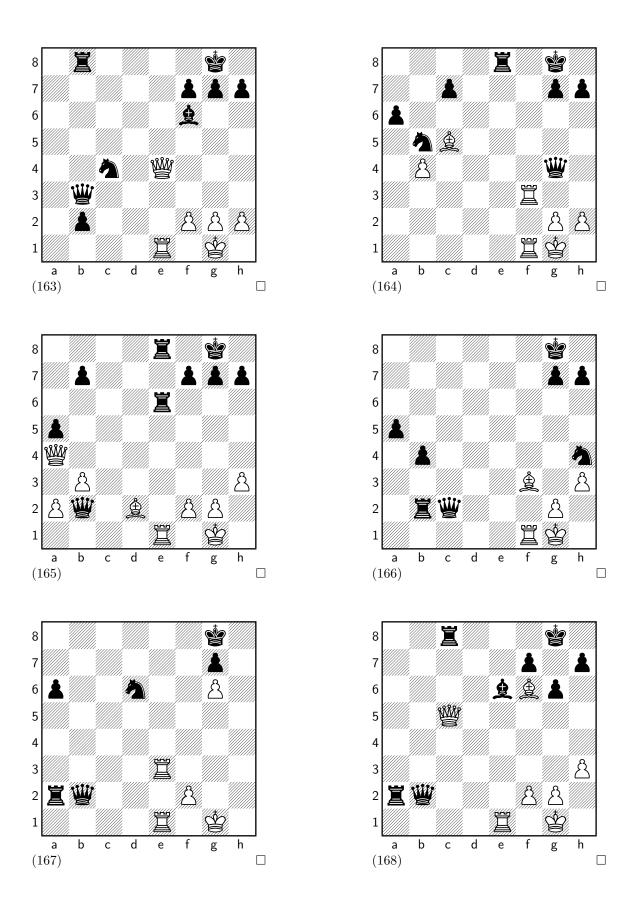


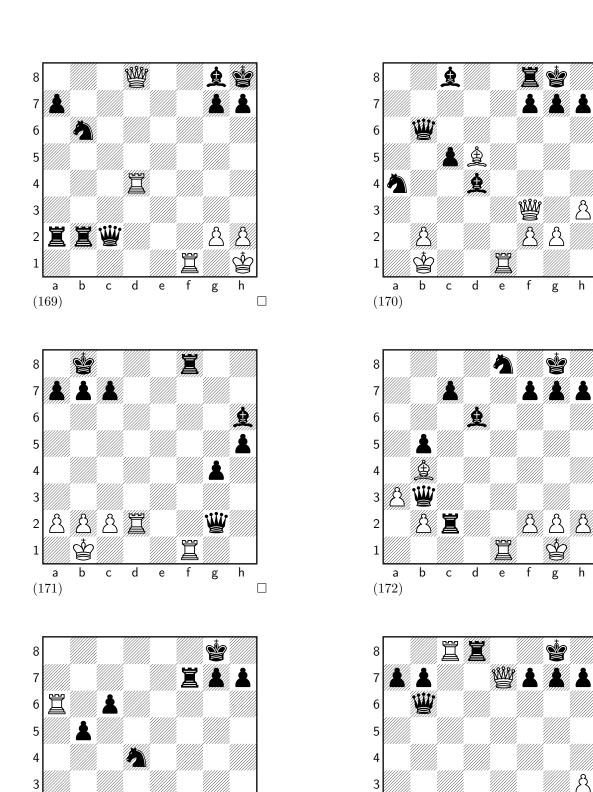












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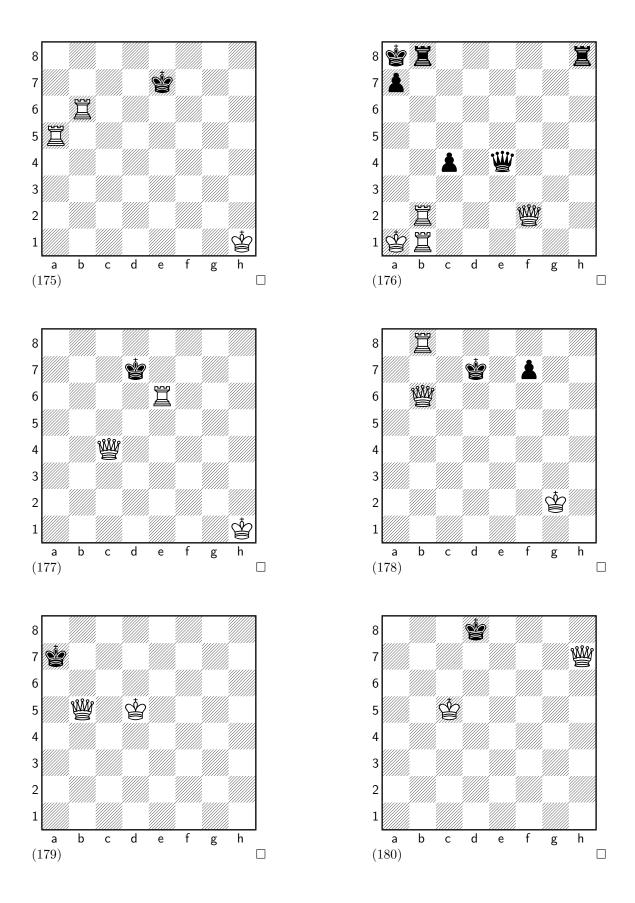
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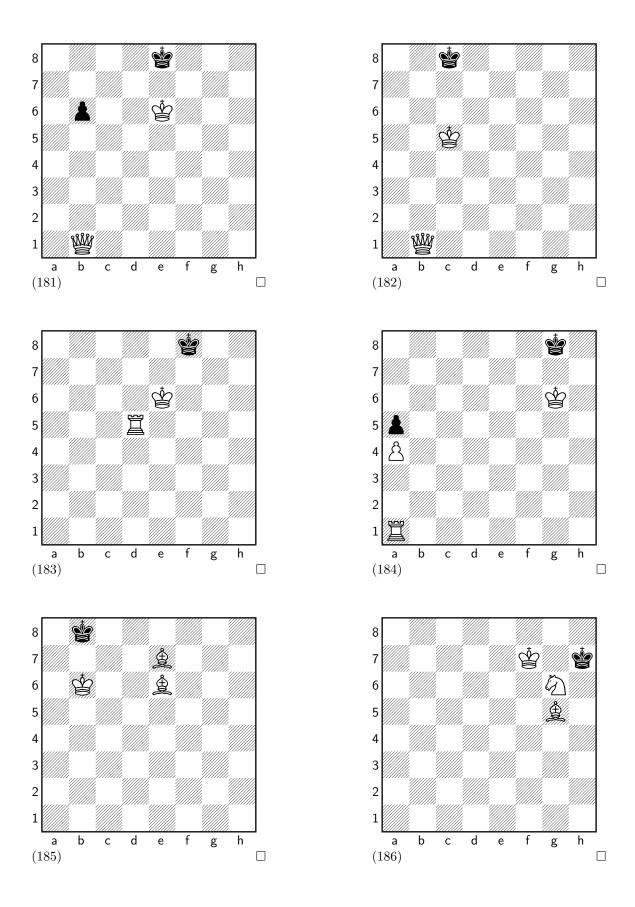
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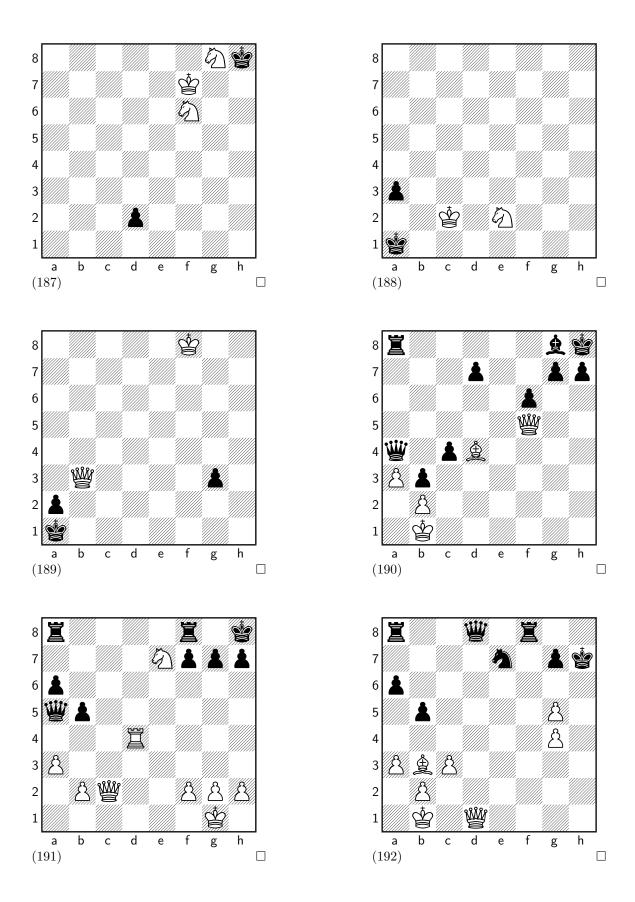
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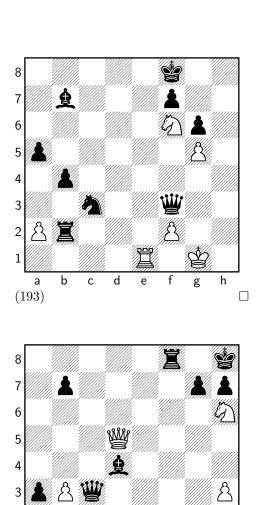
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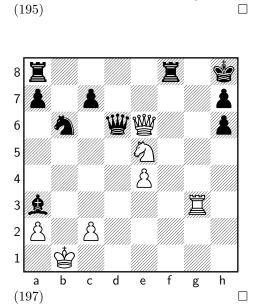
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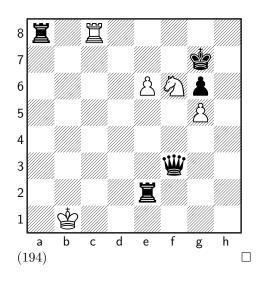
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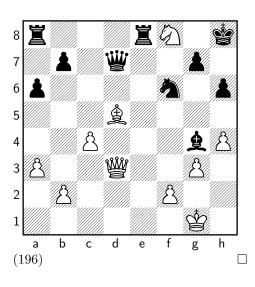
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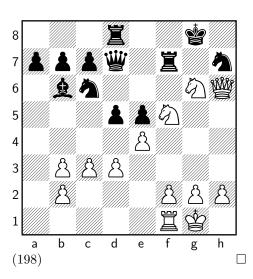
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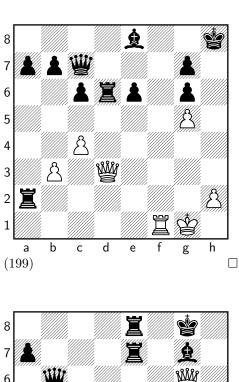
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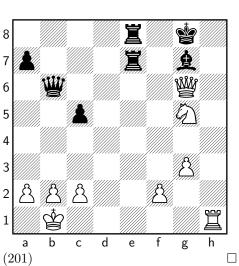
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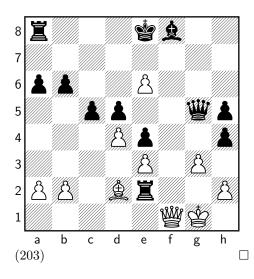


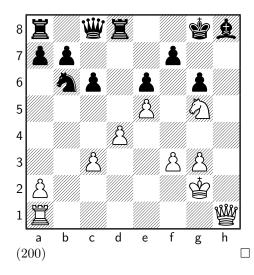


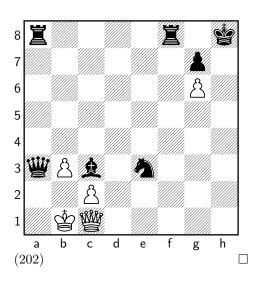


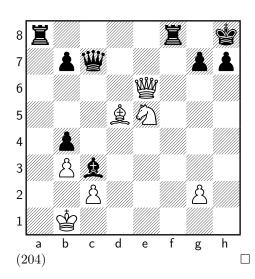


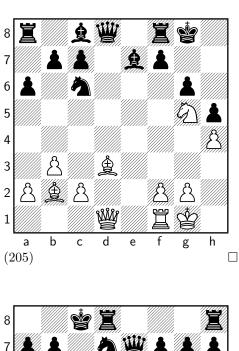


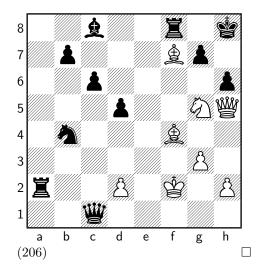


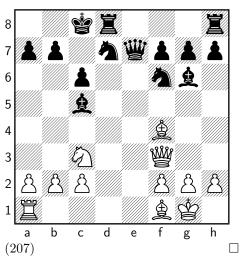


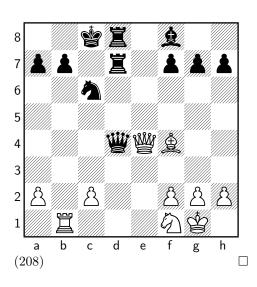


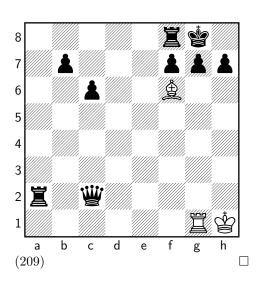


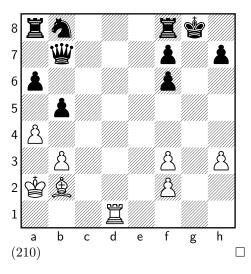


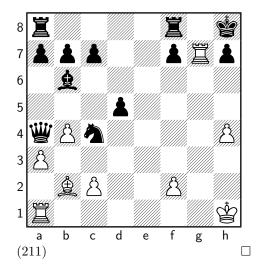


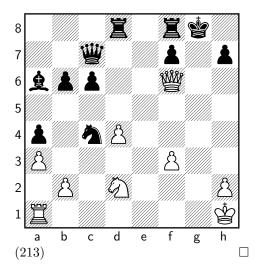


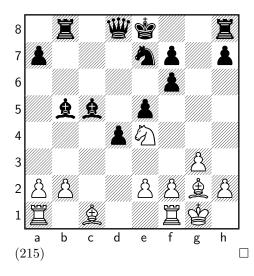


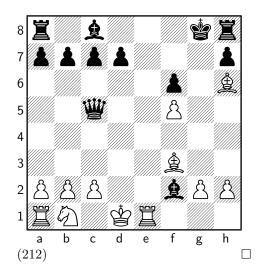


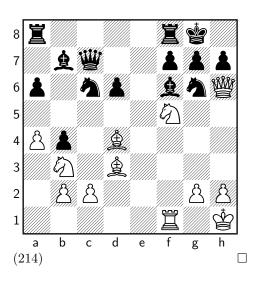


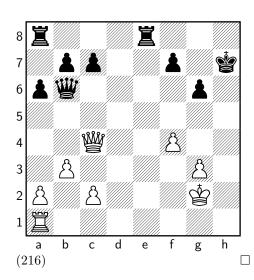


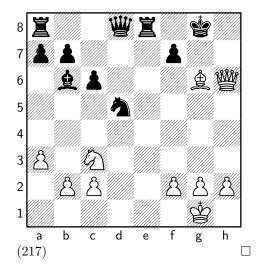


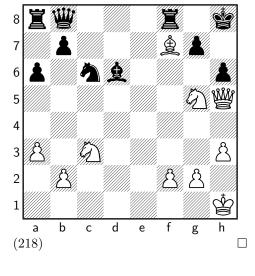


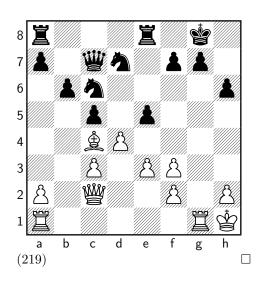


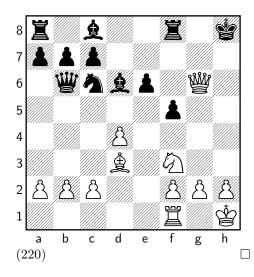


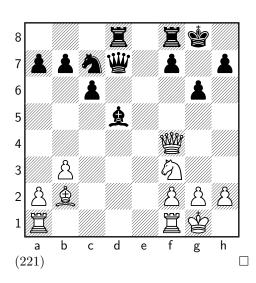


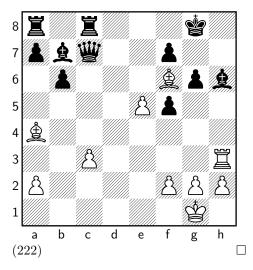


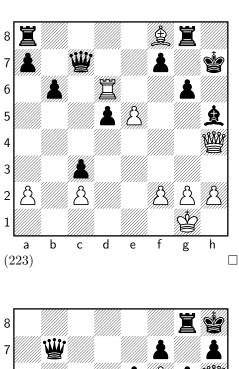


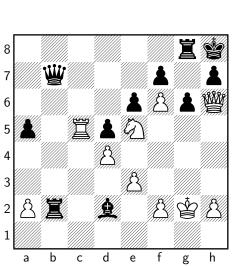




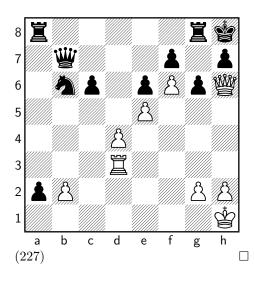


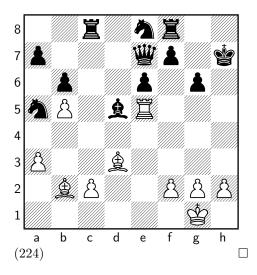


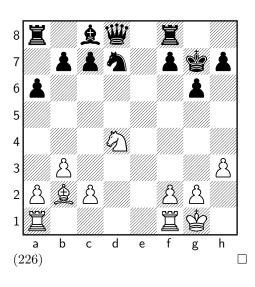


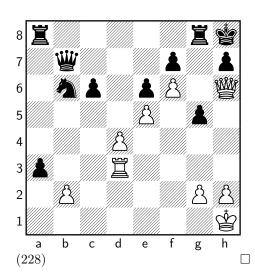


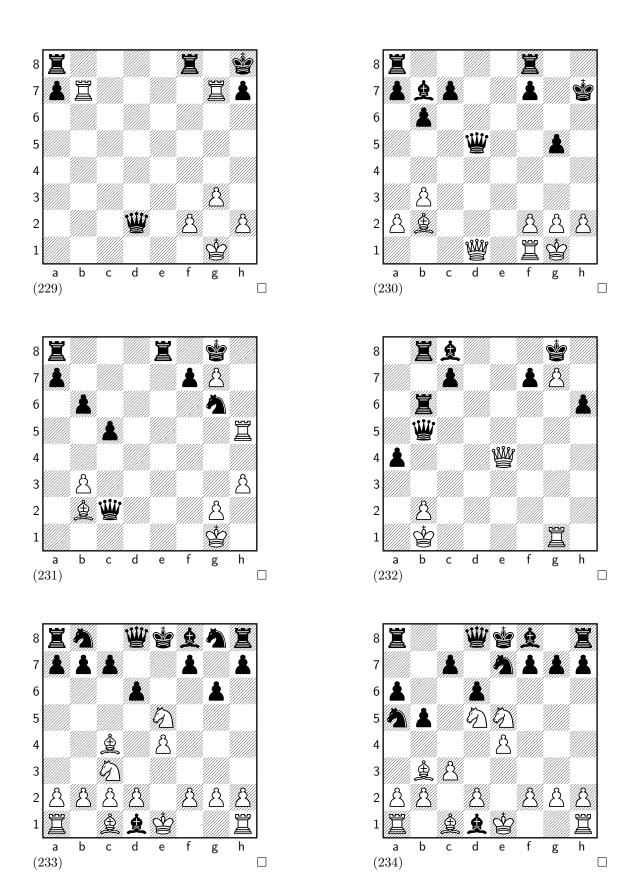
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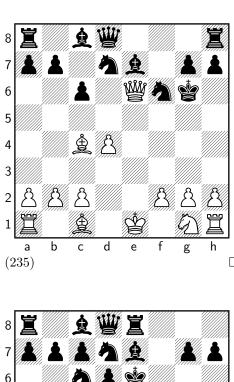


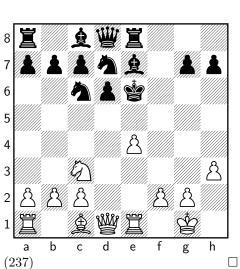


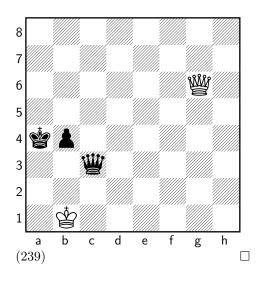


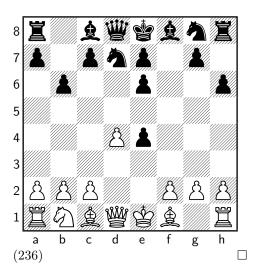


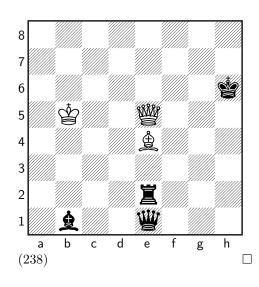


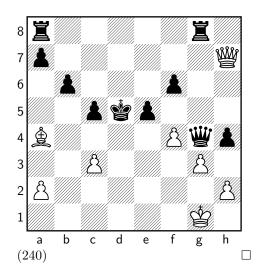


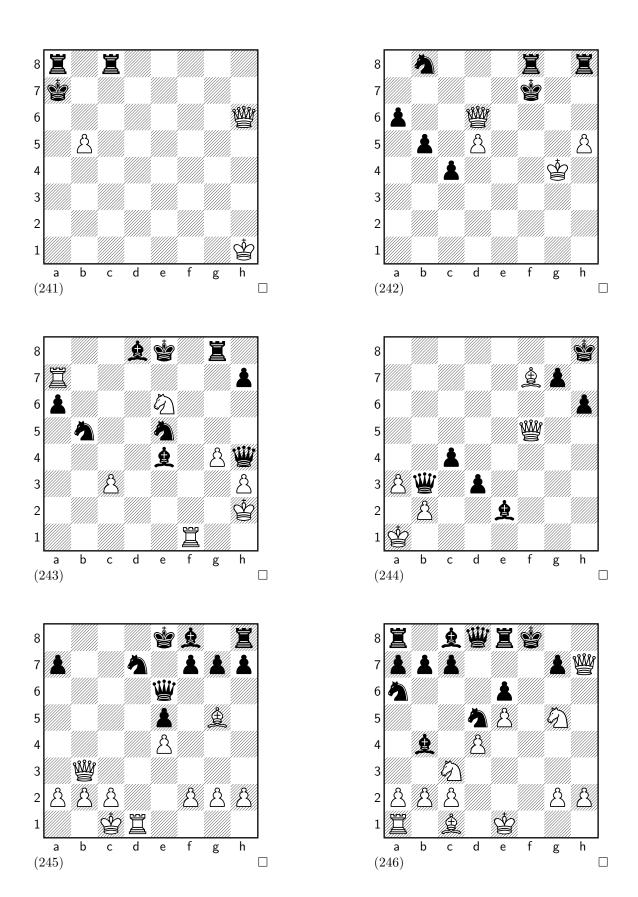


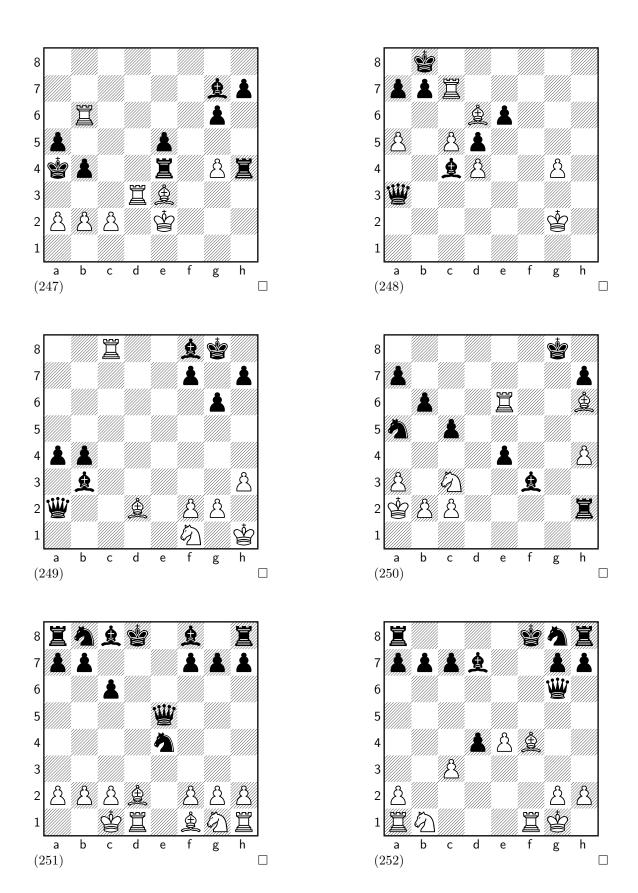


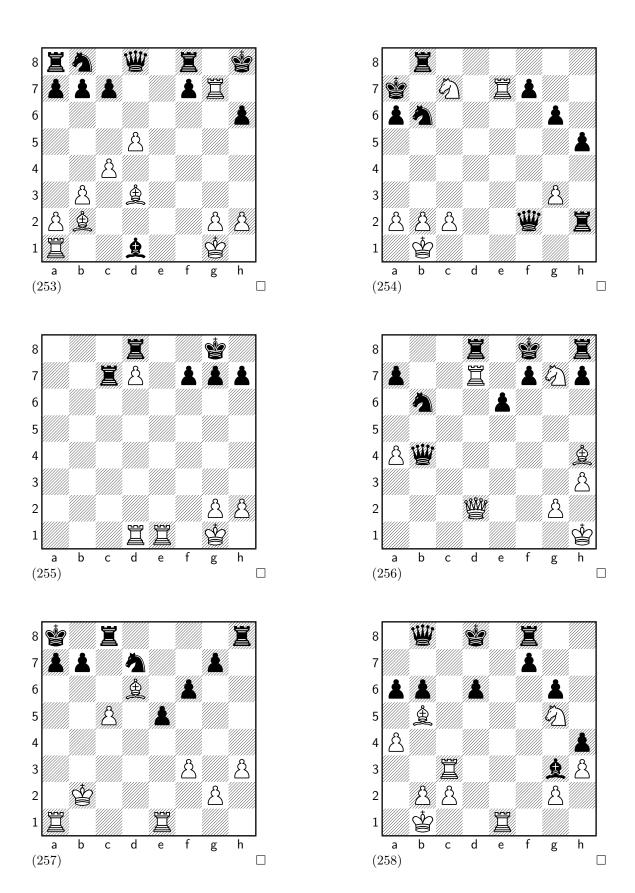


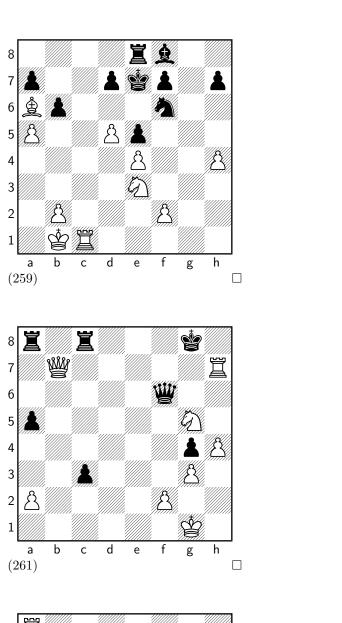


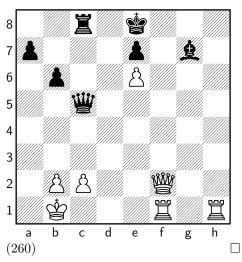


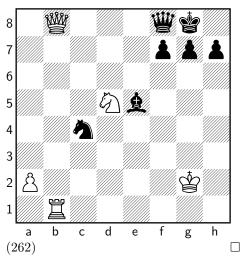


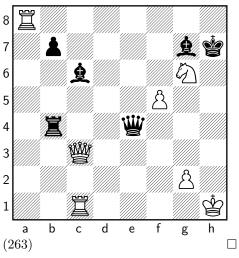


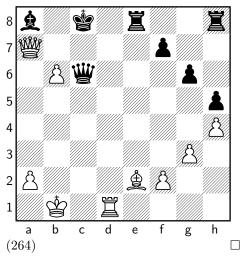


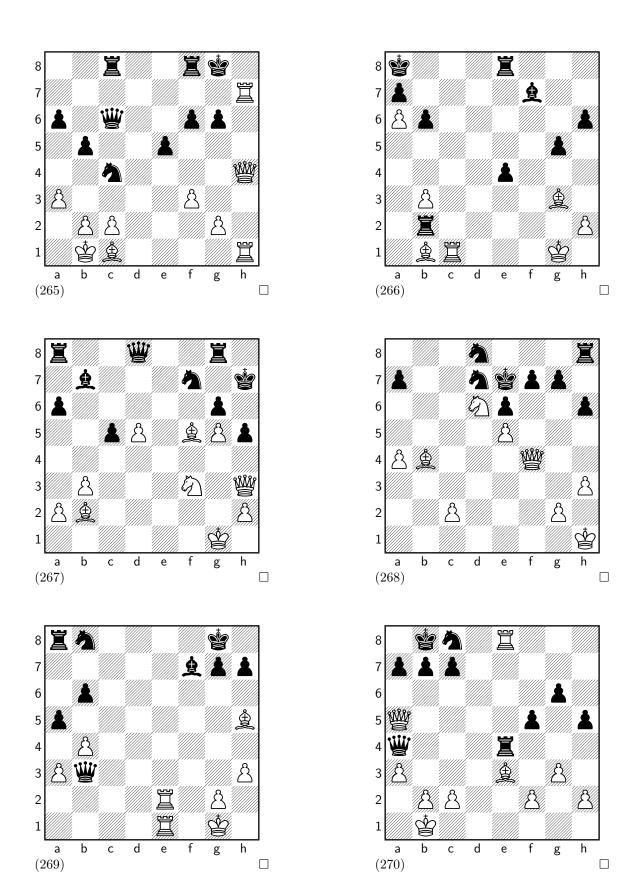


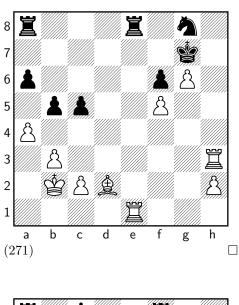


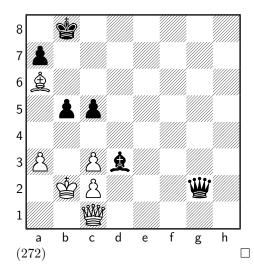


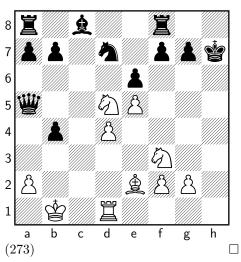


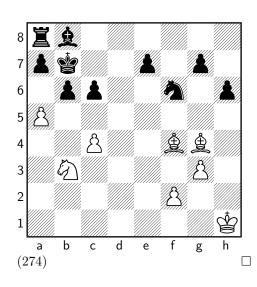


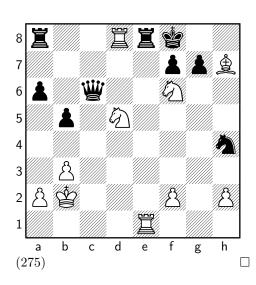


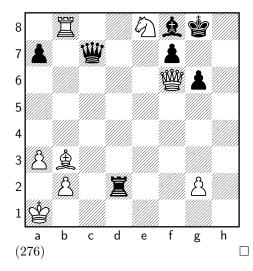












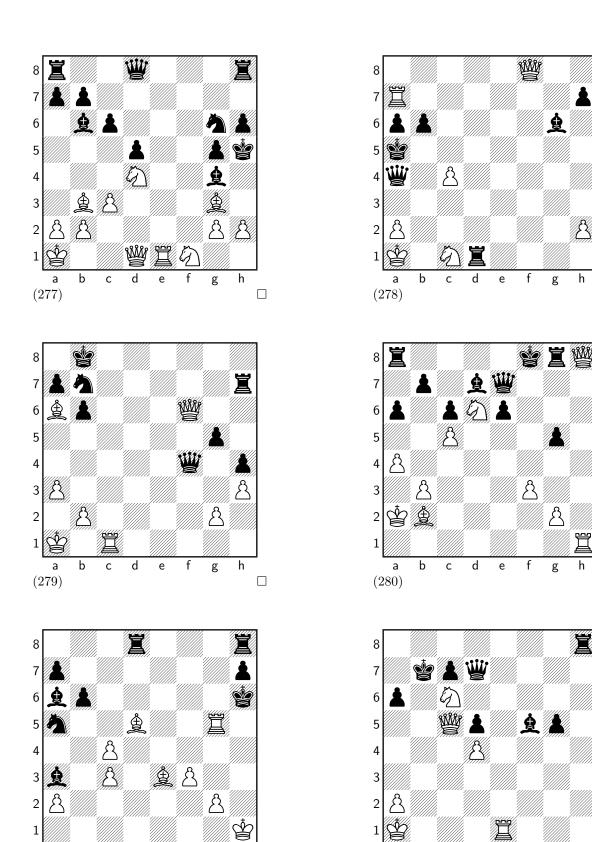
a (281) b

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a (282)

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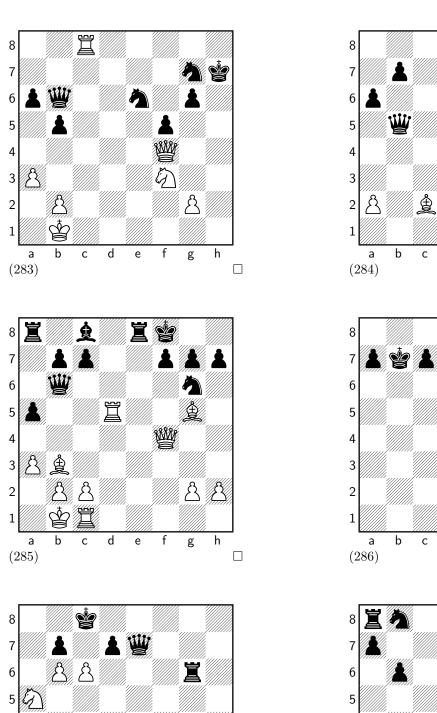
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(287)

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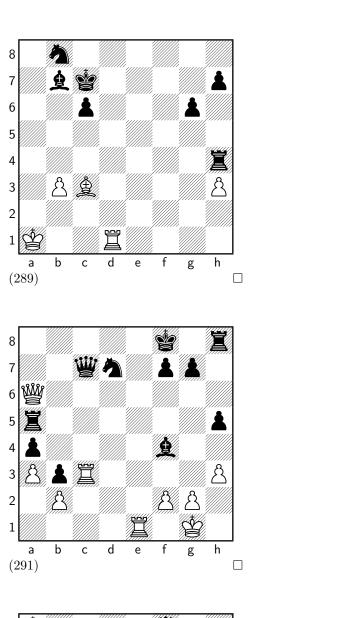
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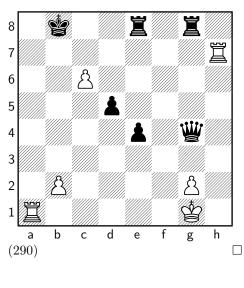
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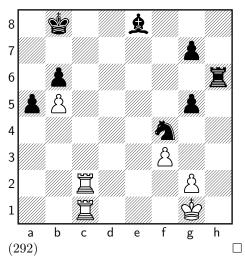
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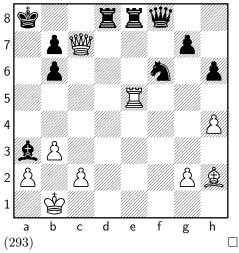
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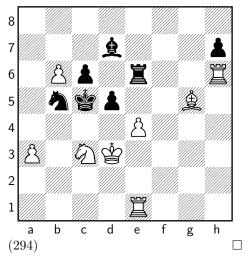
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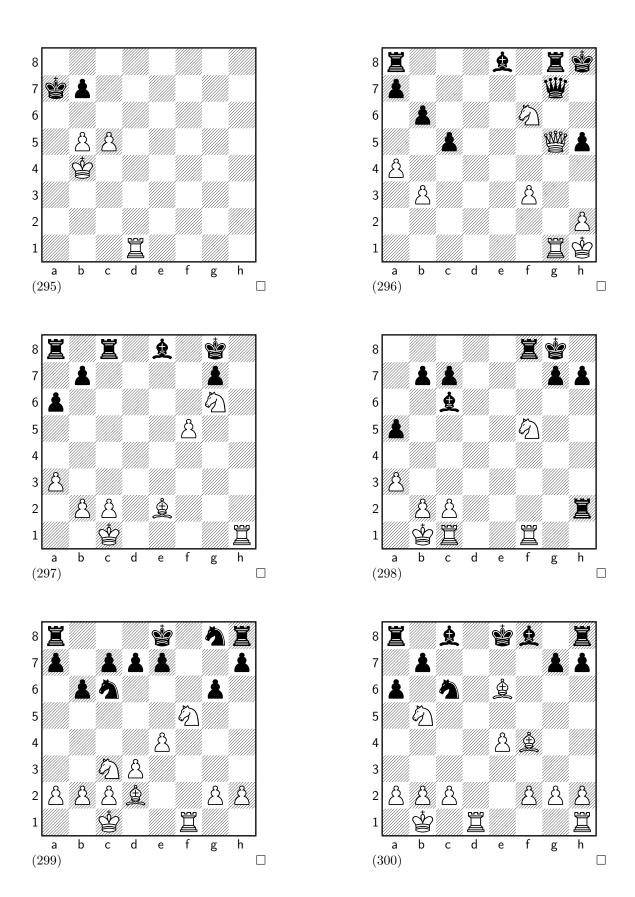


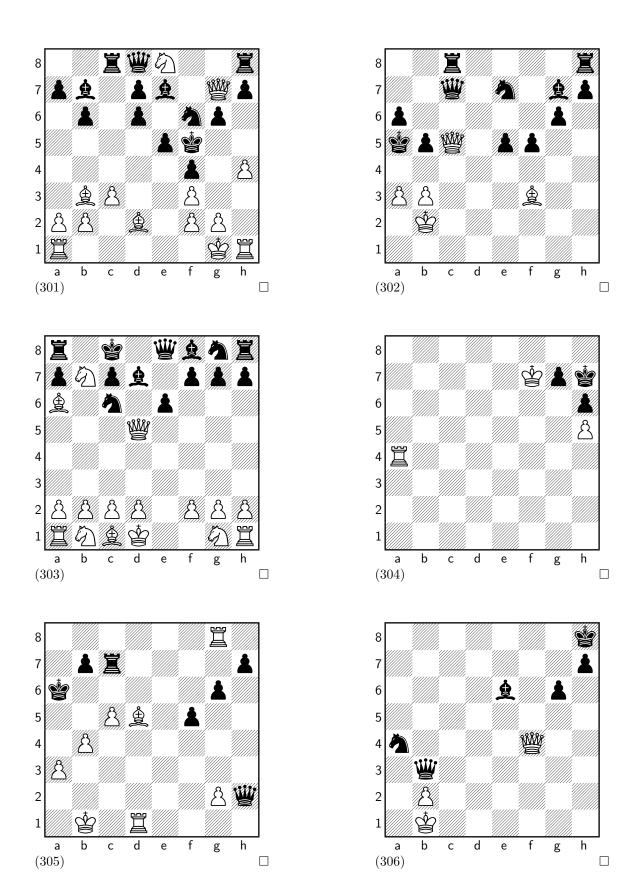


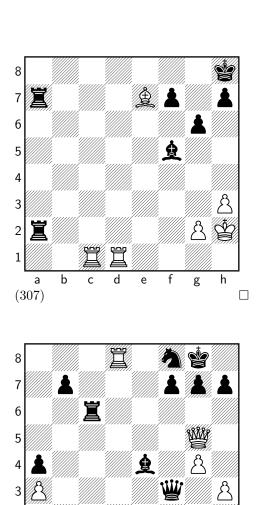


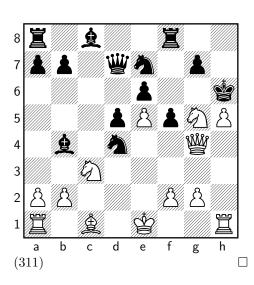












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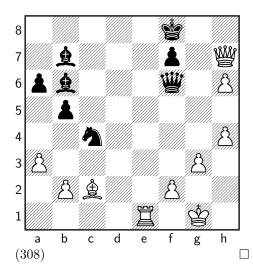
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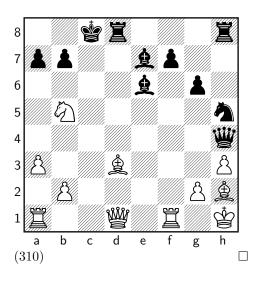
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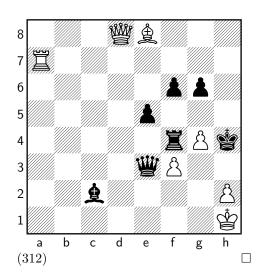
c d

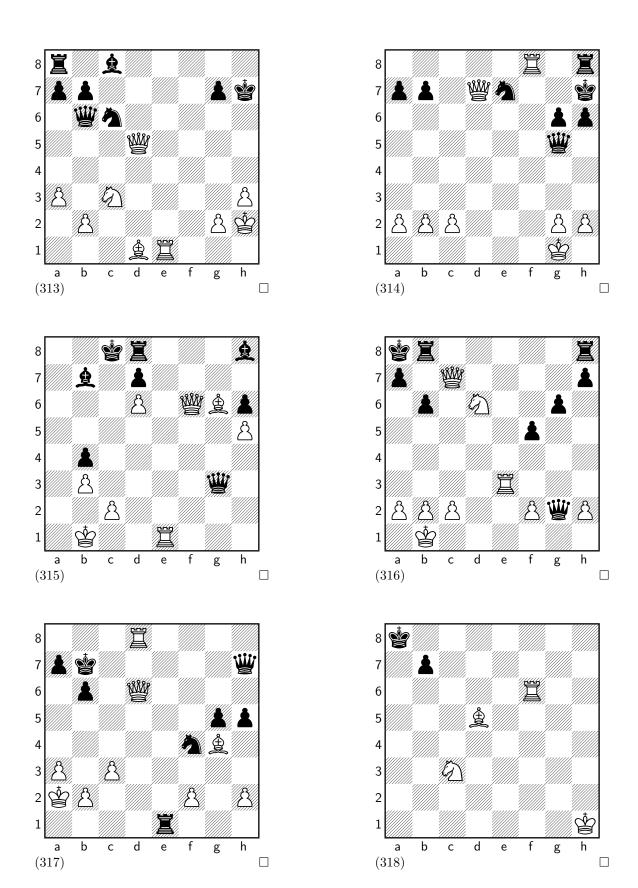
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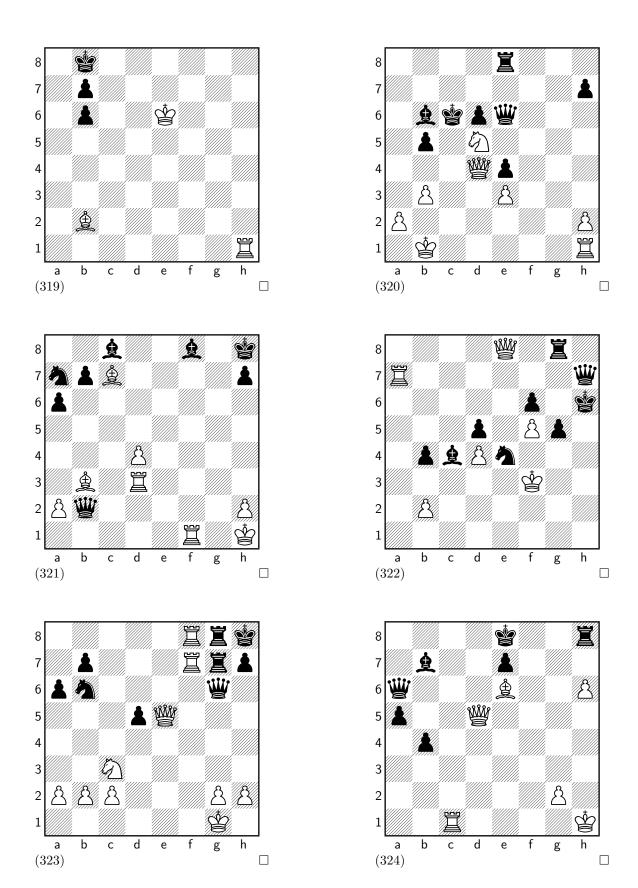
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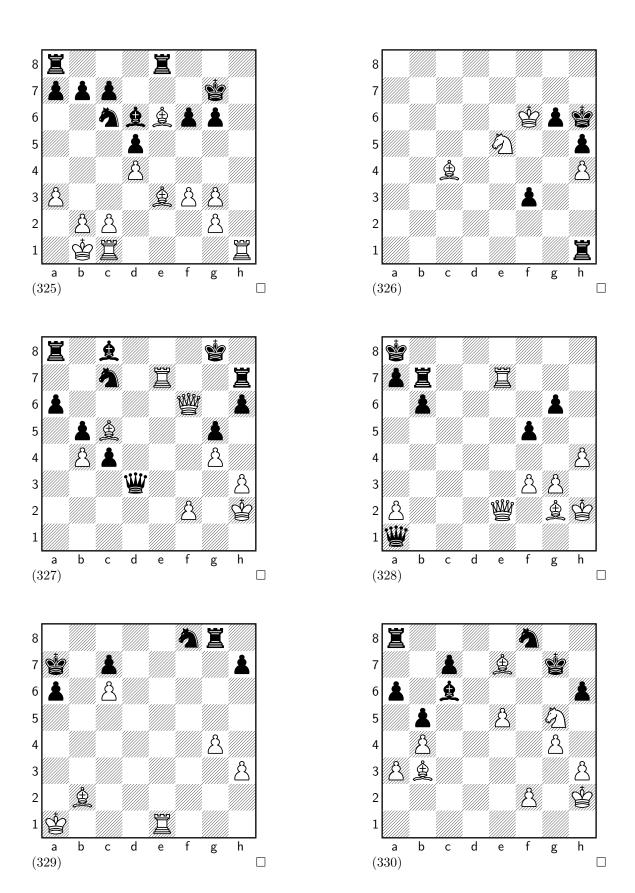


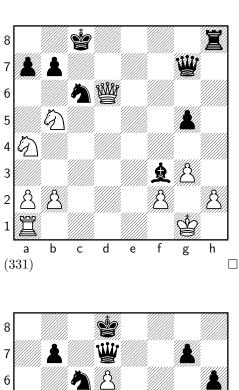


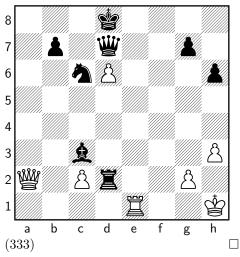


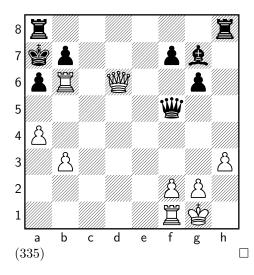


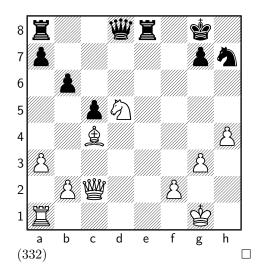


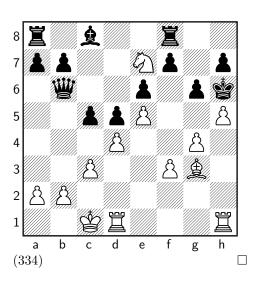


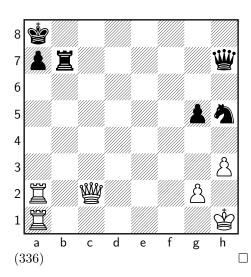


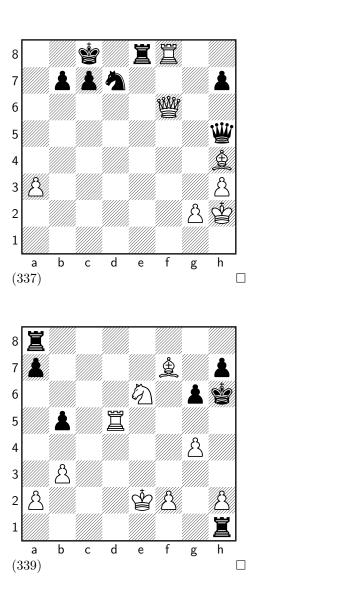


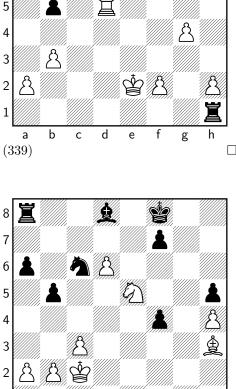












a (341) b

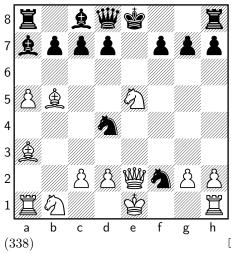
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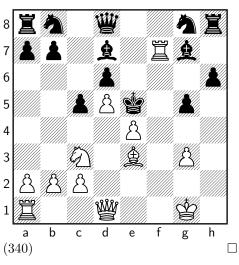
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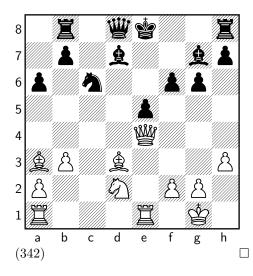
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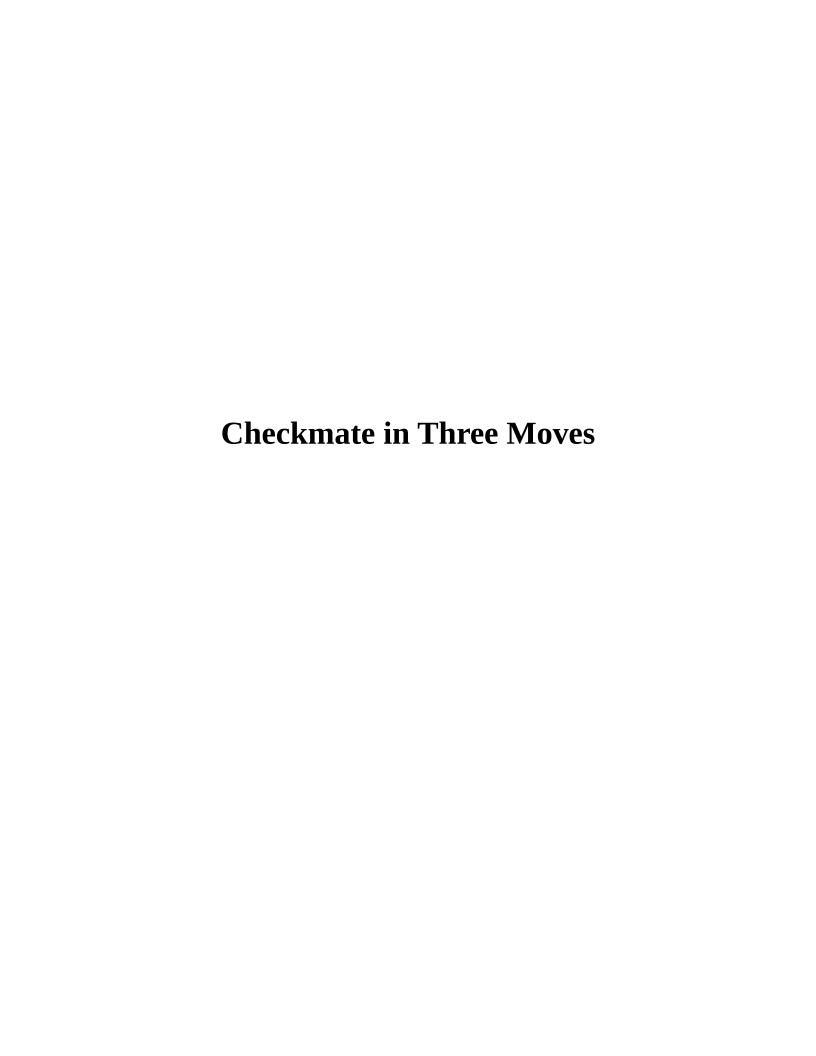
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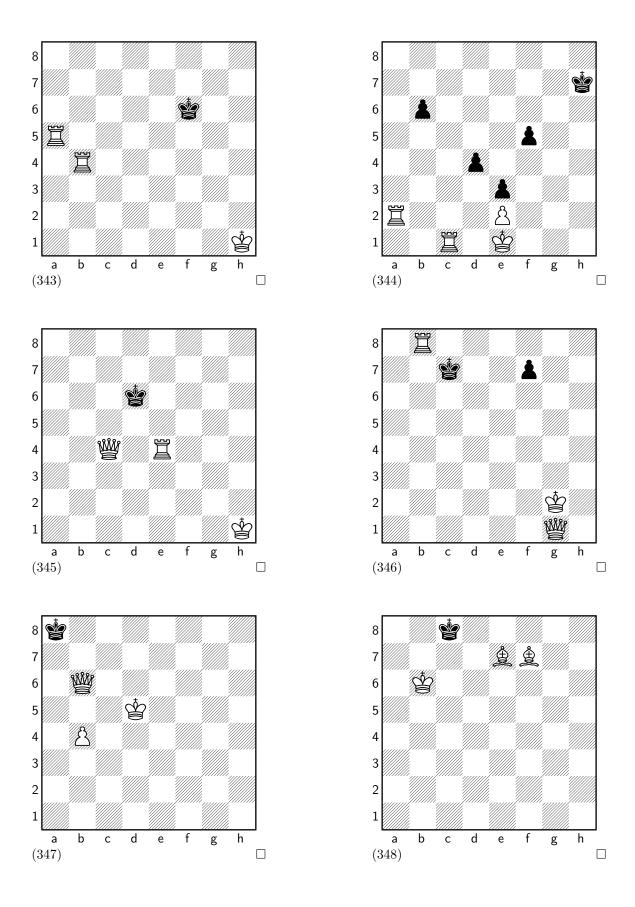
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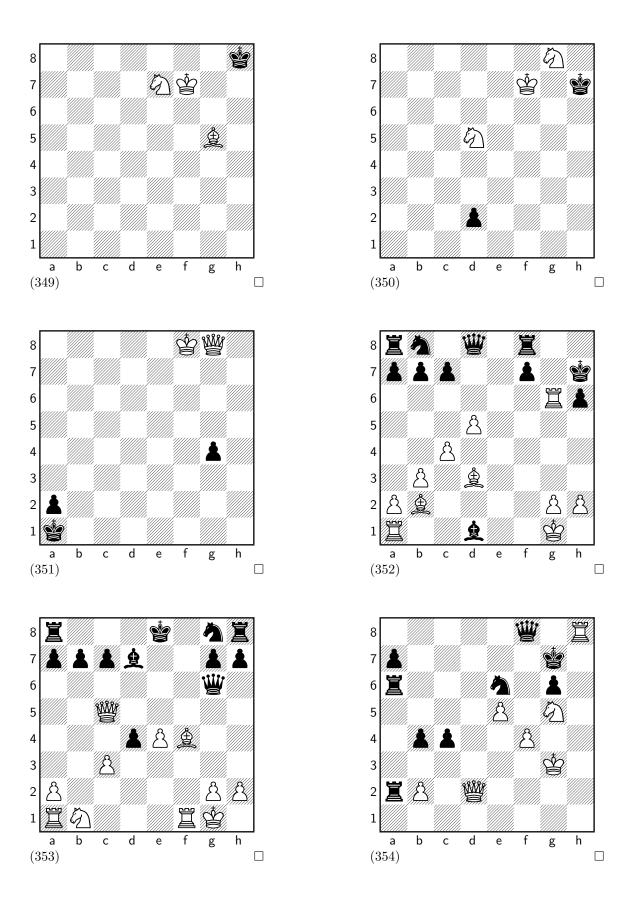












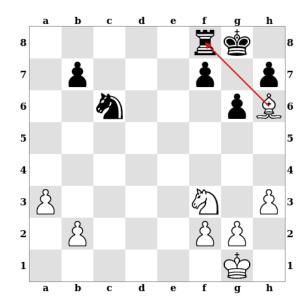
Winning Material

Different chess pieces have different long-term values. The combined value of a player's pieces is called that player's *material*. Chess players often use the following numbers to evaluate how much material each player has.

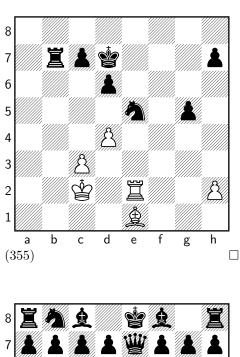
•	Pawn	1
•	Knight	3
•	Bishop	3
•	Rook	5
•	Oueen	9

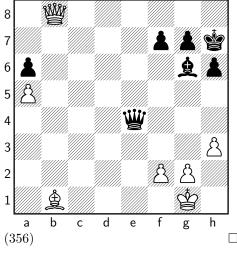
(The king isn't given a value since he can't be traded, but his fighting value is similar to a knight or bishop.) These values aren't part of the rules and you can't win a game just by "having more points." Rather, these values can help you to figure out when you have an advantage and to decide when to trade pieces.

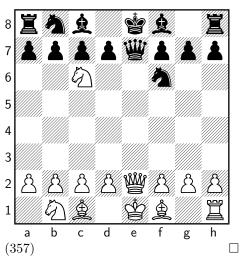
In the following problems you are asked to find a move that "wins material." This can mean taking an unguarded piece, but it can also mean trading a less valuable piece for a more valuable one.

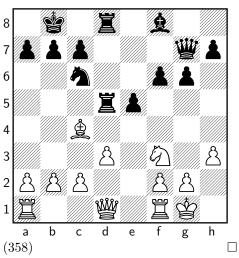


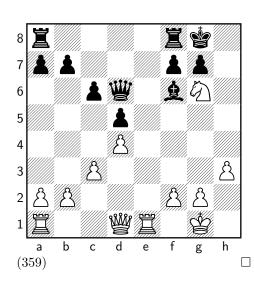
In this position, for example, White can win material with the move 1.Bxf8. This is only a trade of pieces after 1...Kxf8, but White has gained a rook (worth about 5 pawns) for a bishop (worth about 3), meaning that he has gained about 2 pawns worth of material.

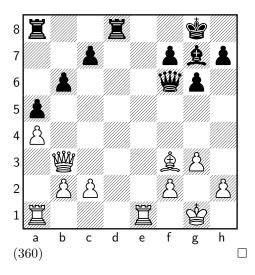












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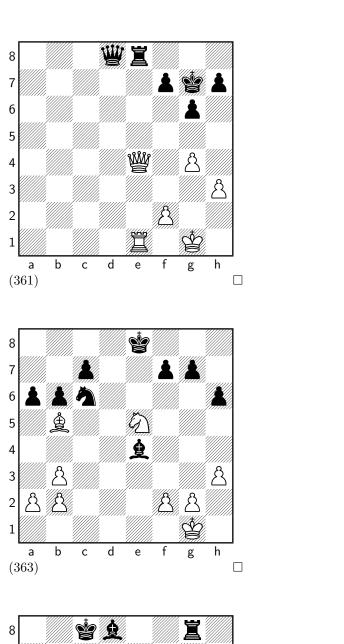
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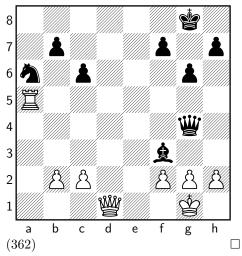
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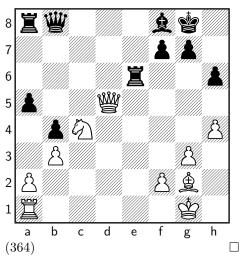
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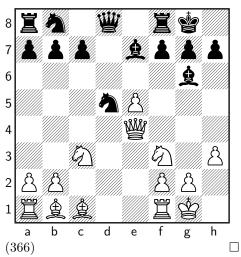
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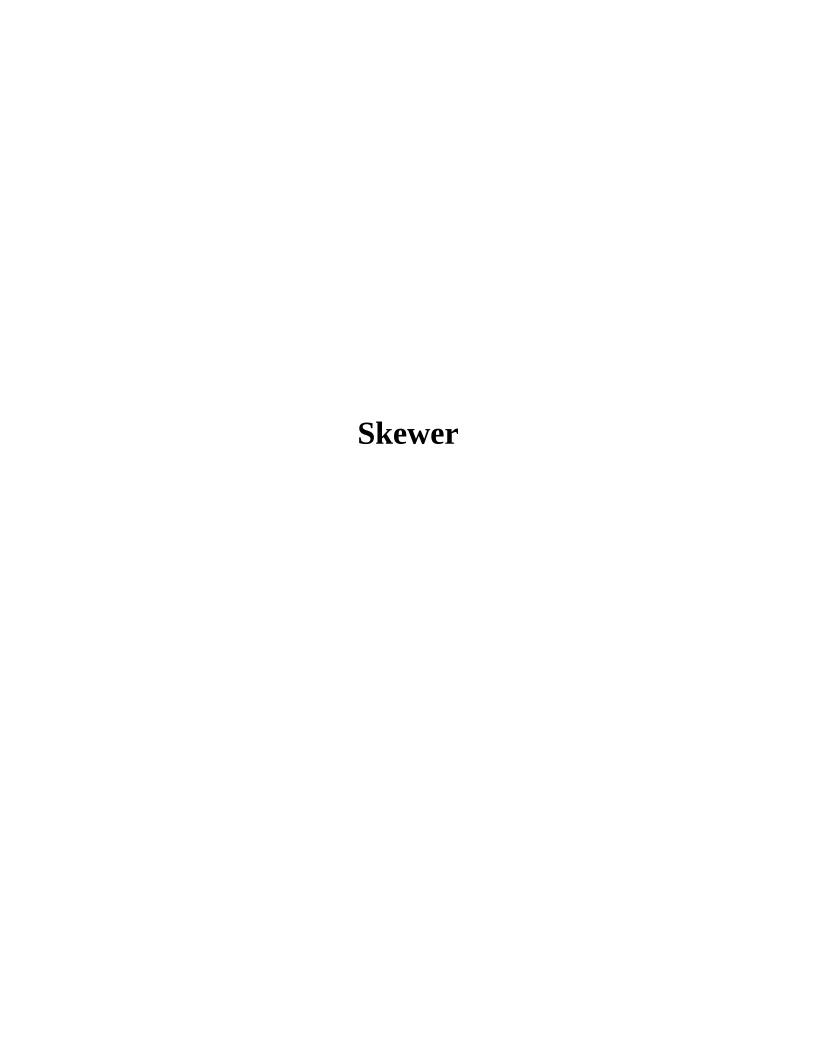
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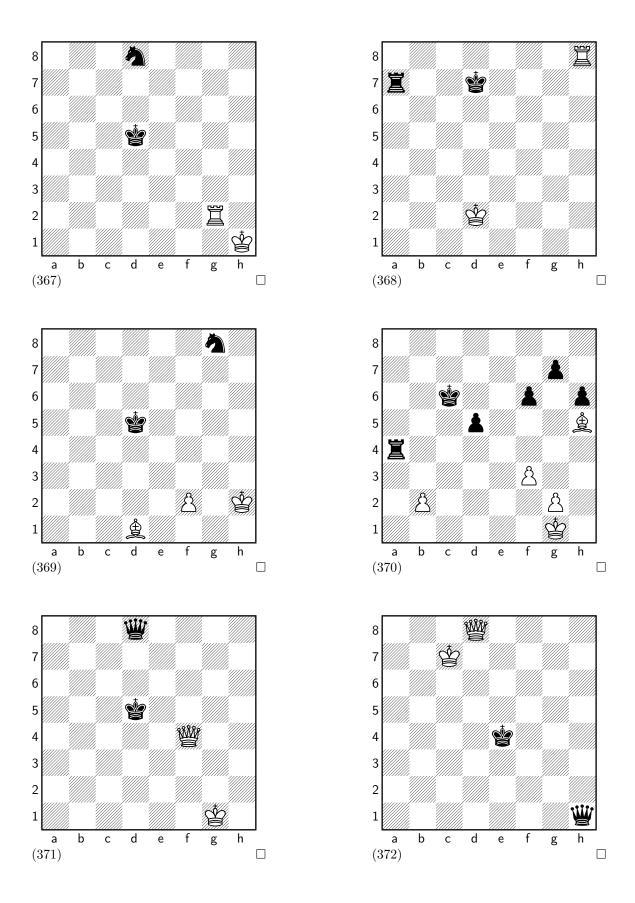


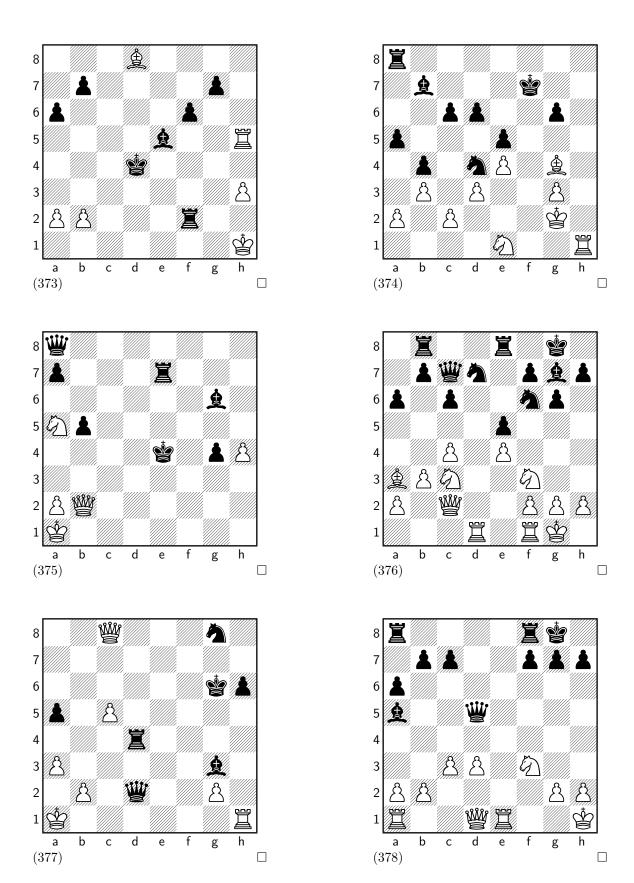


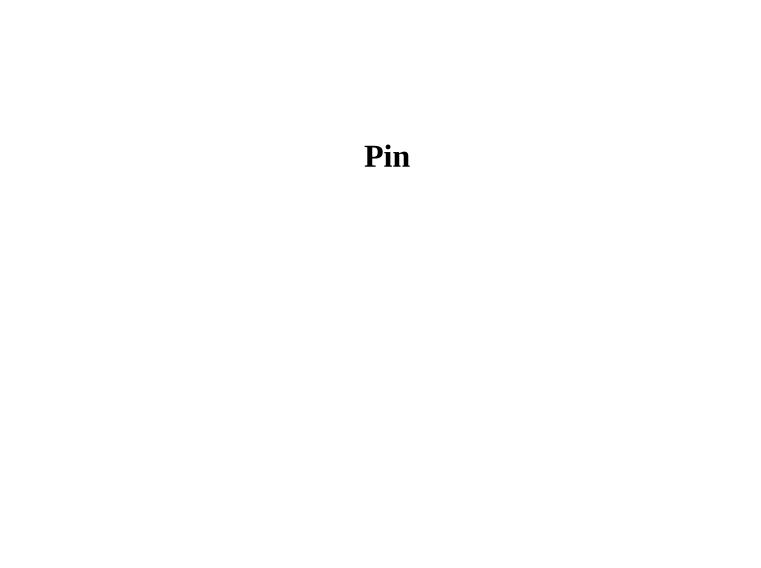


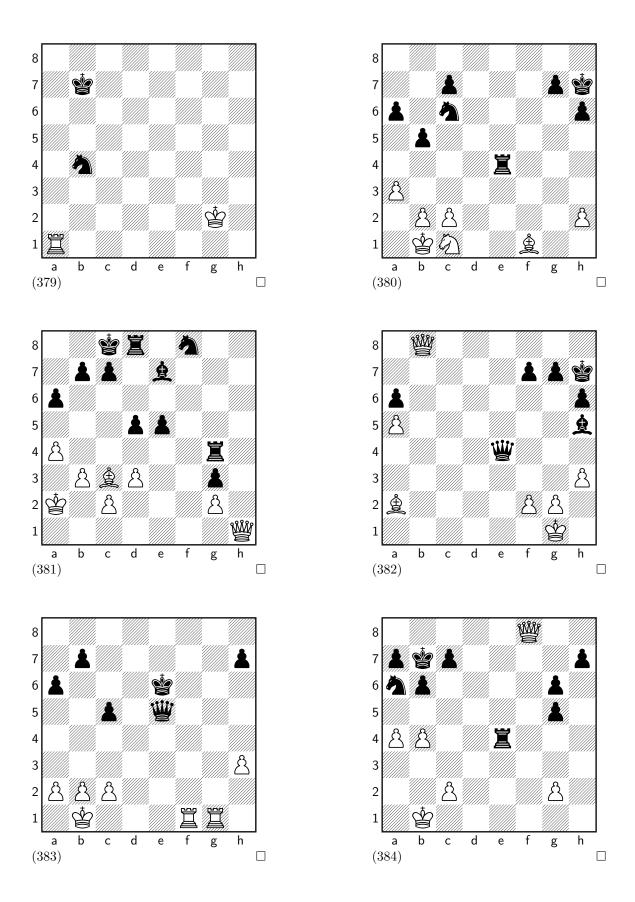


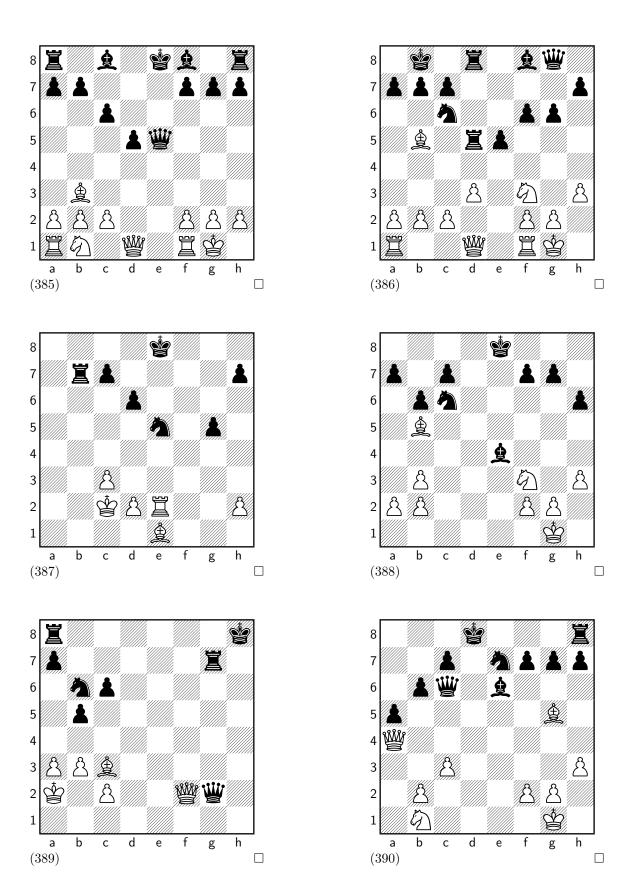


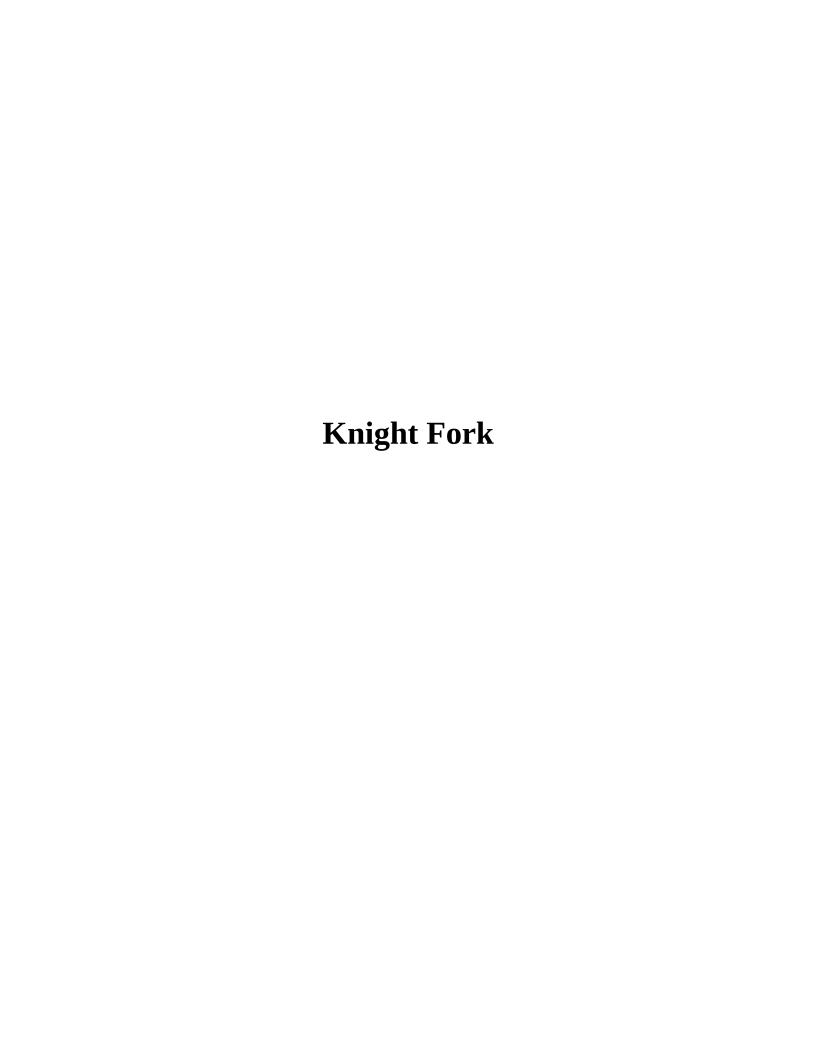


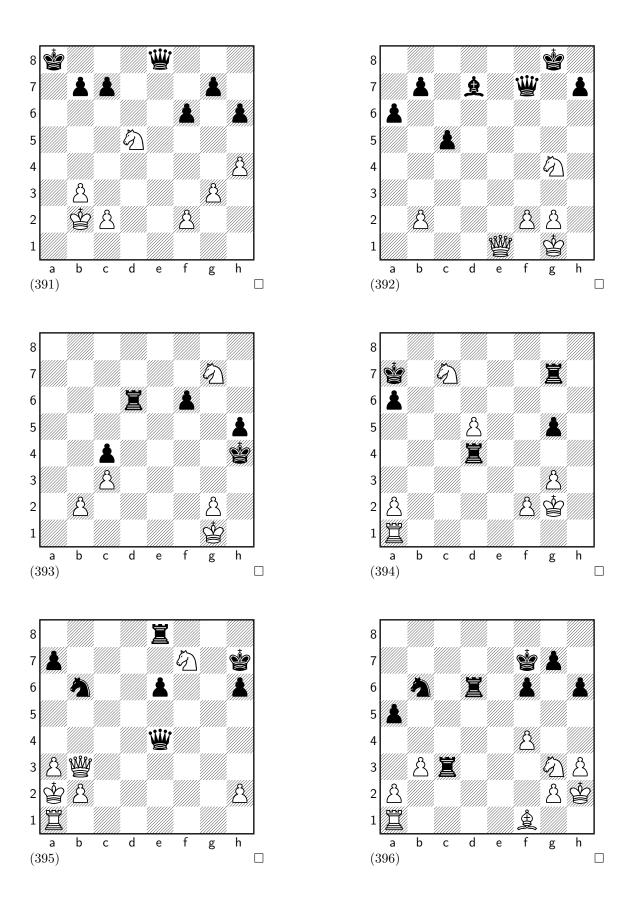


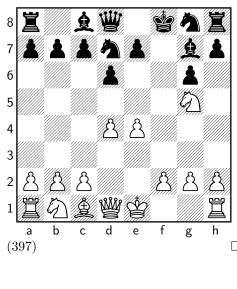


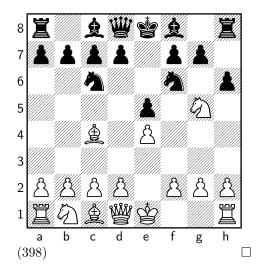


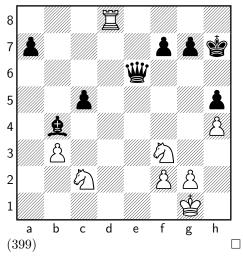


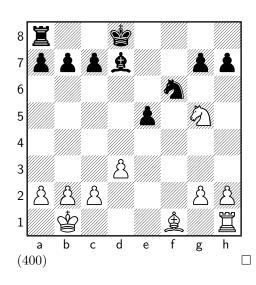


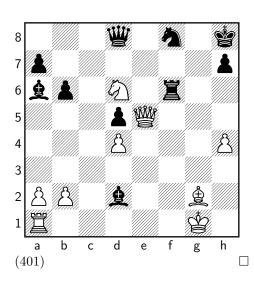


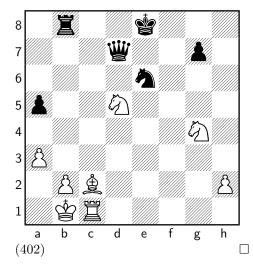


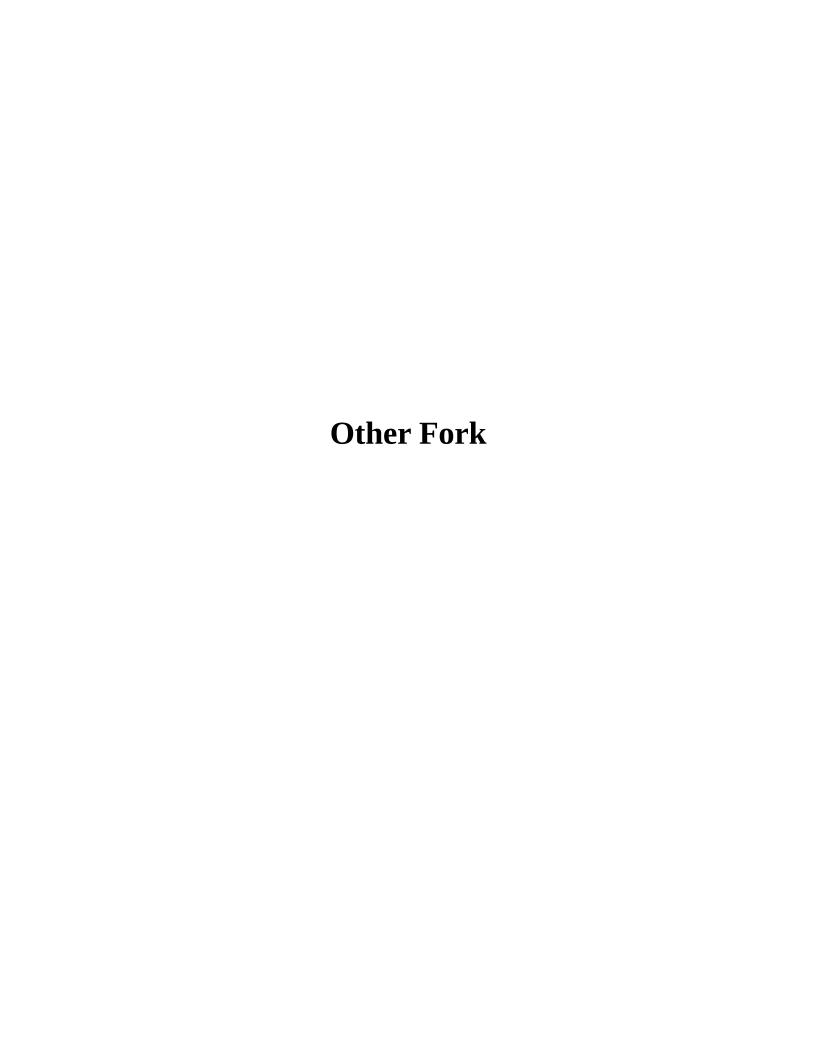


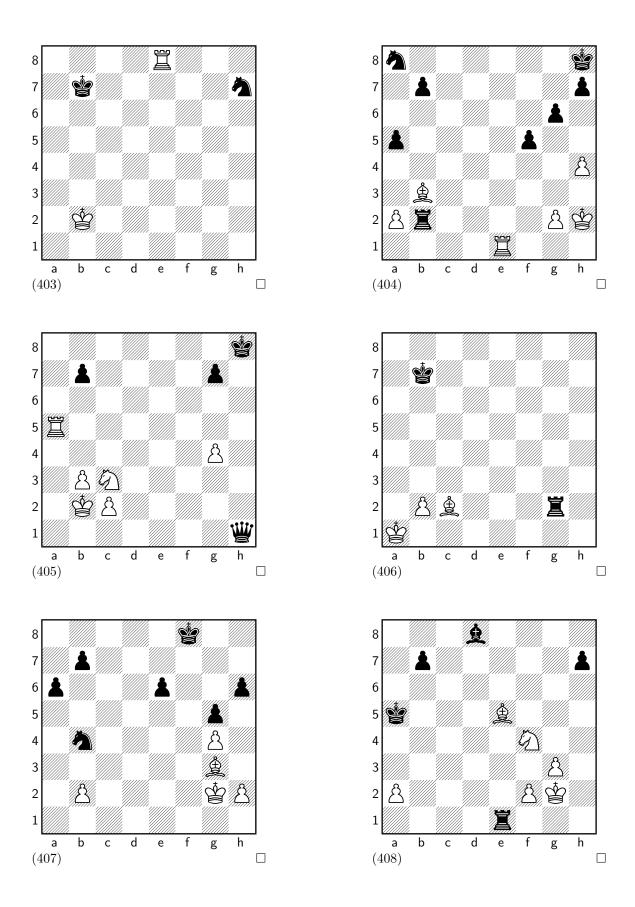


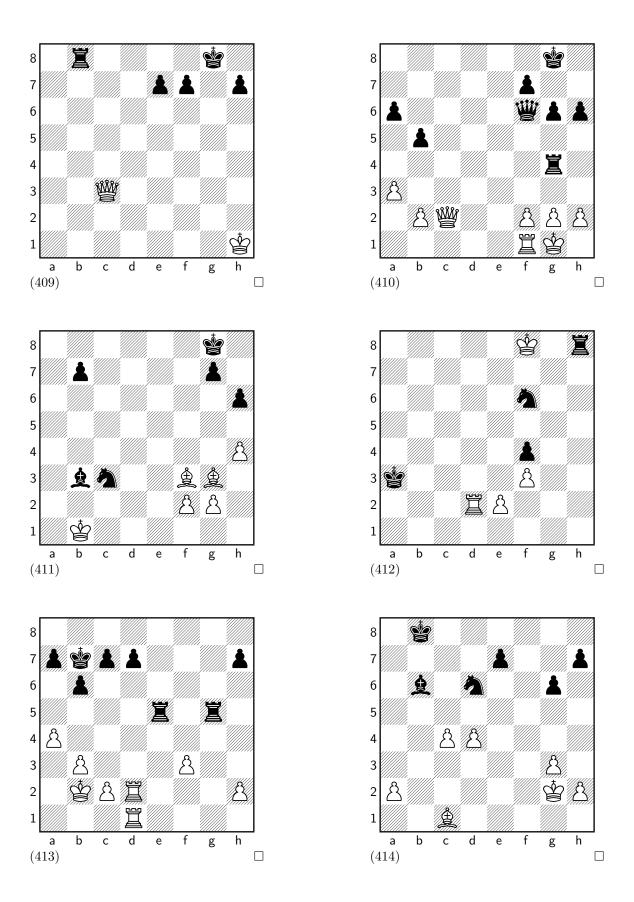


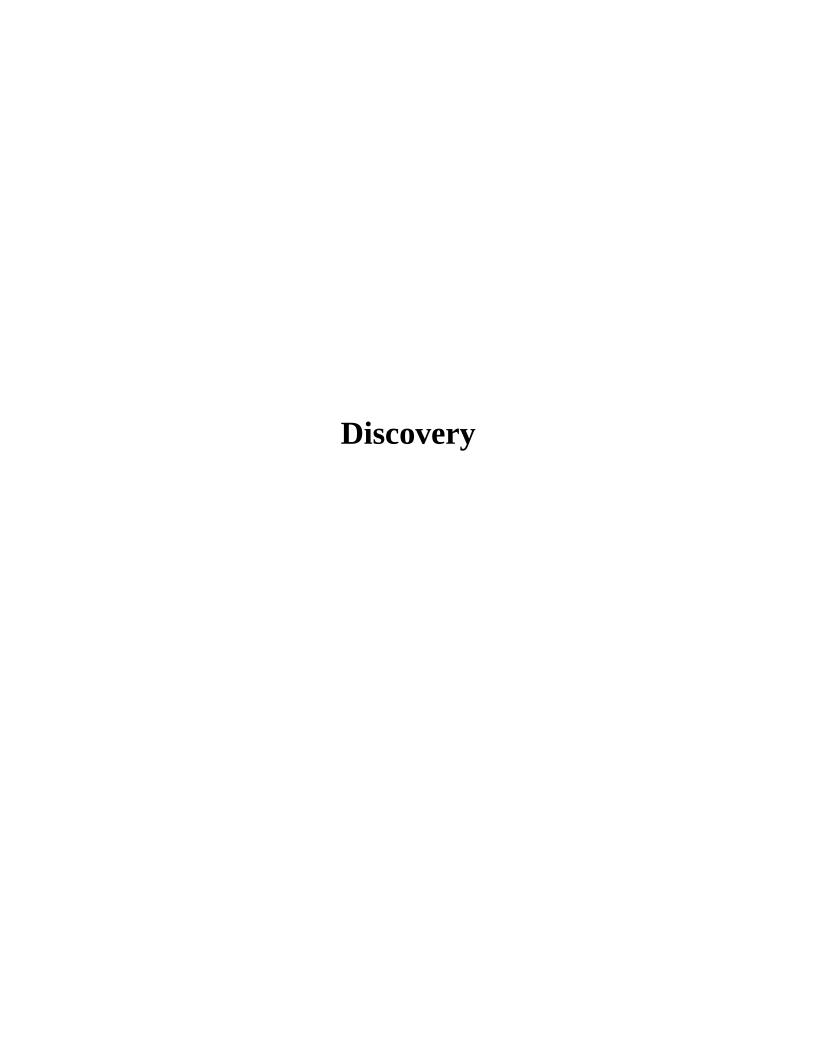


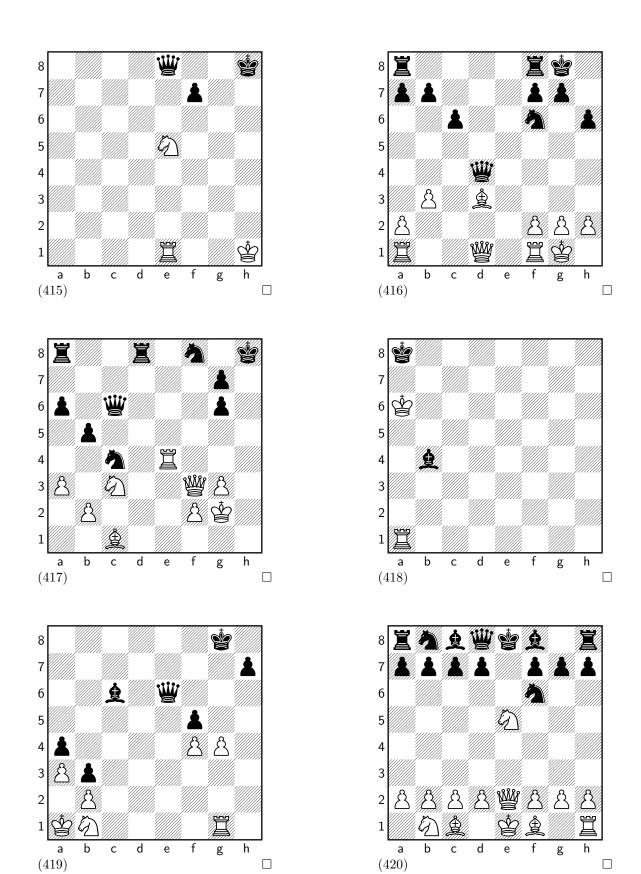












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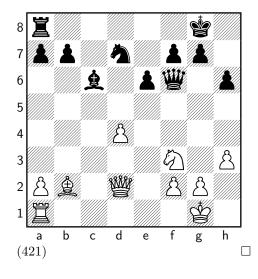
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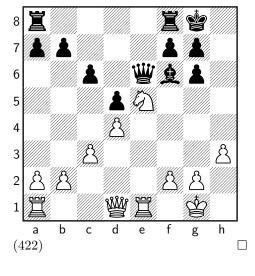
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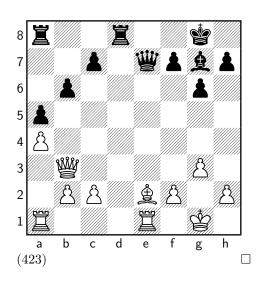
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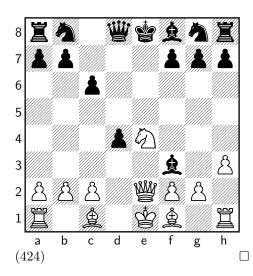
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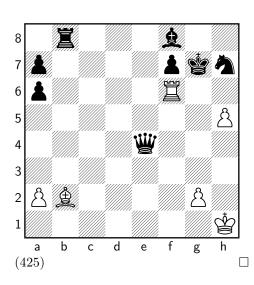
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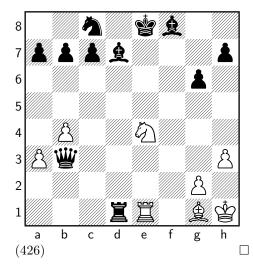


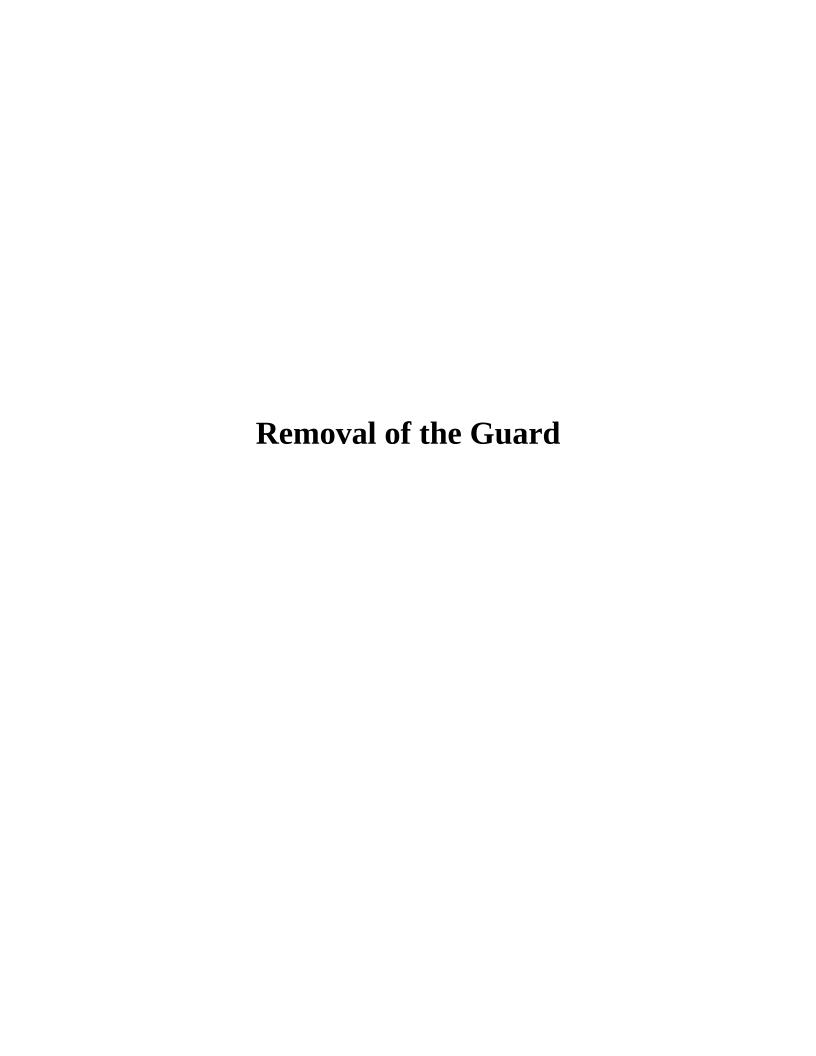


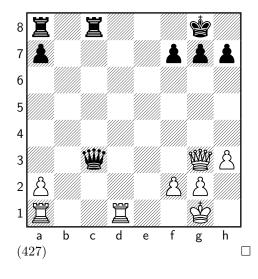


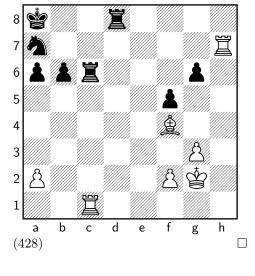


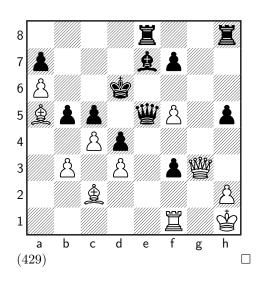


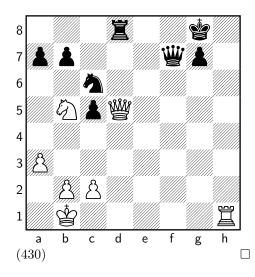


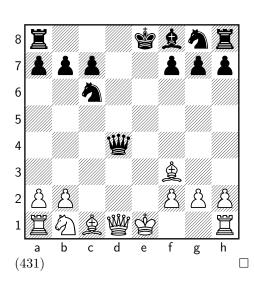


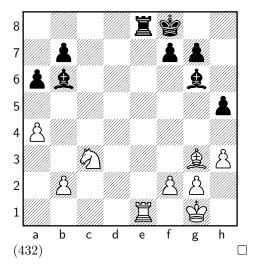


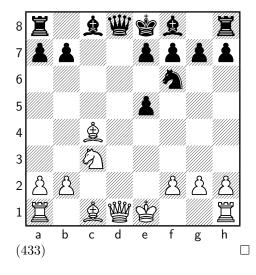


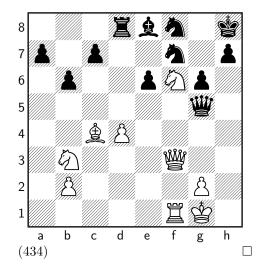


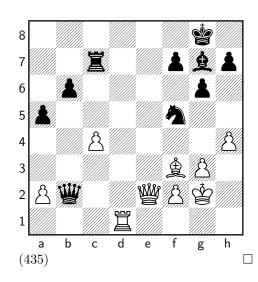


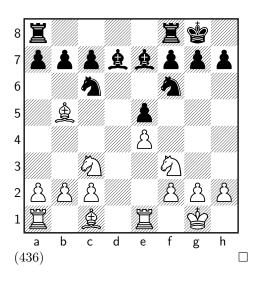


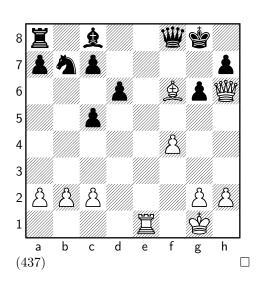


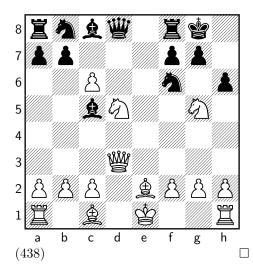


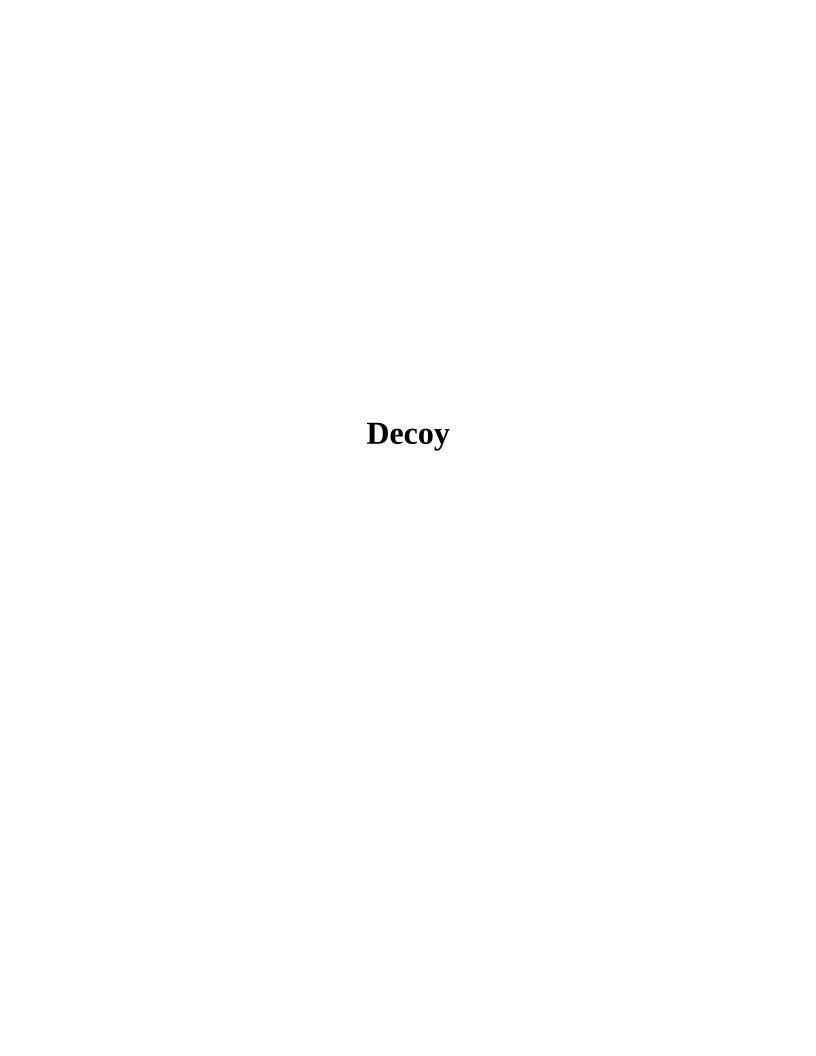


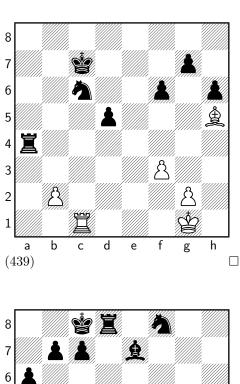


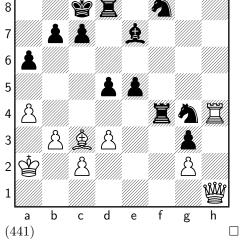


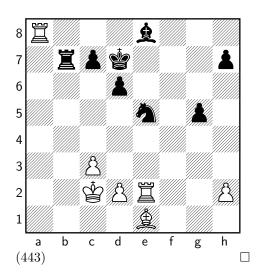


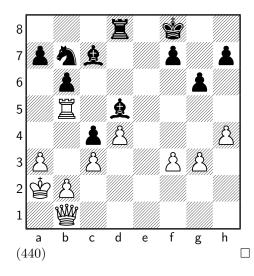


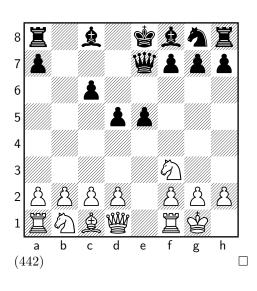


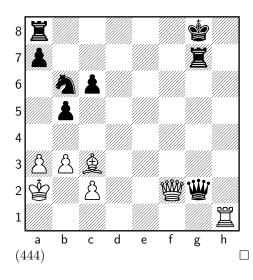


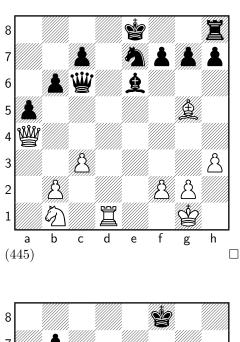


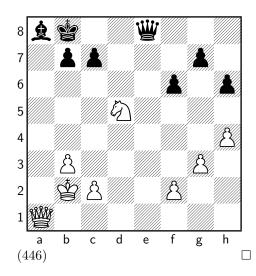


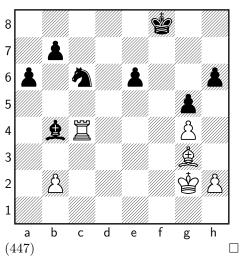


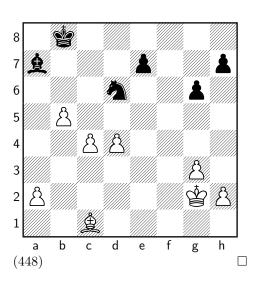


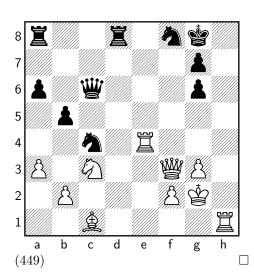


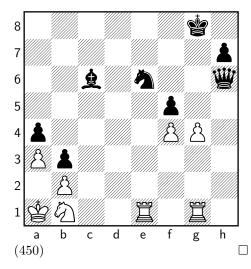


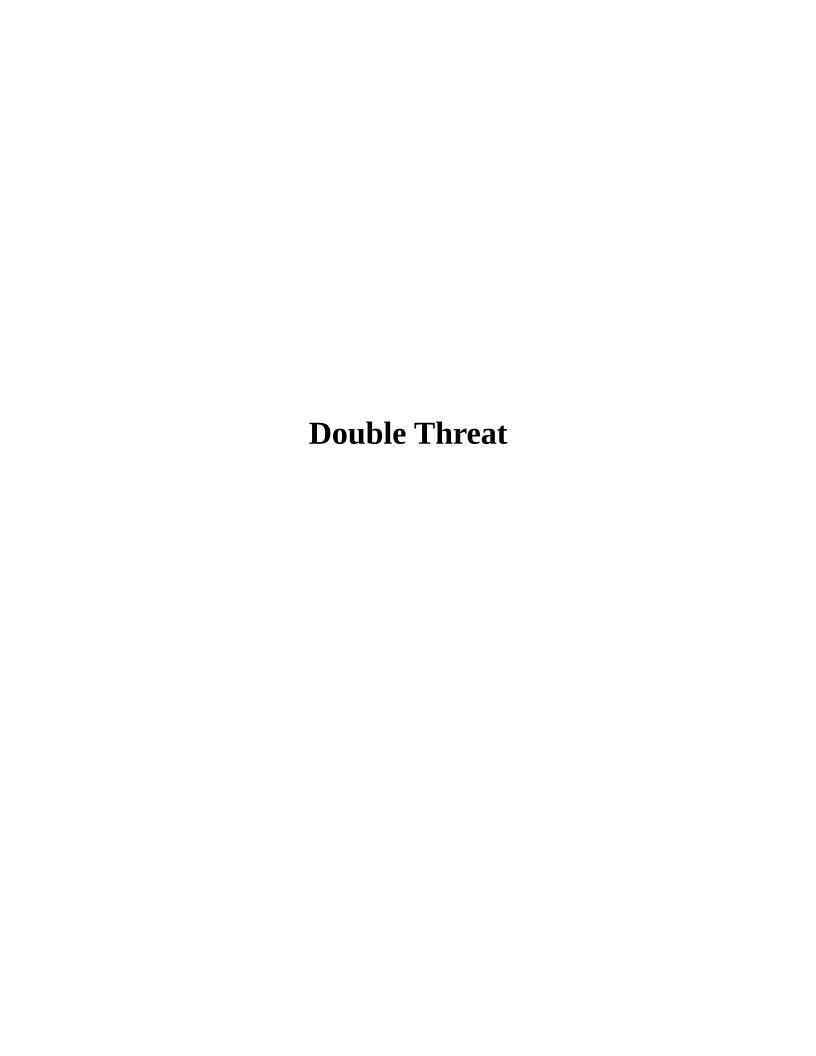


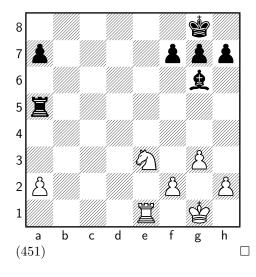


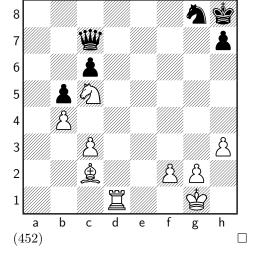


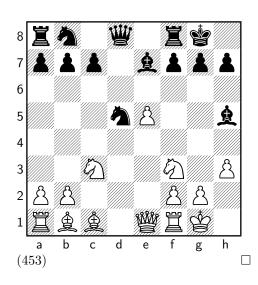


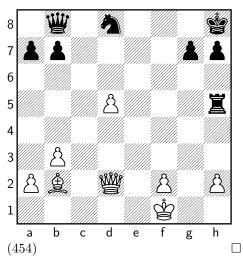


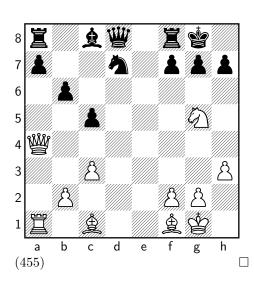


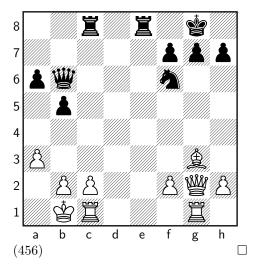










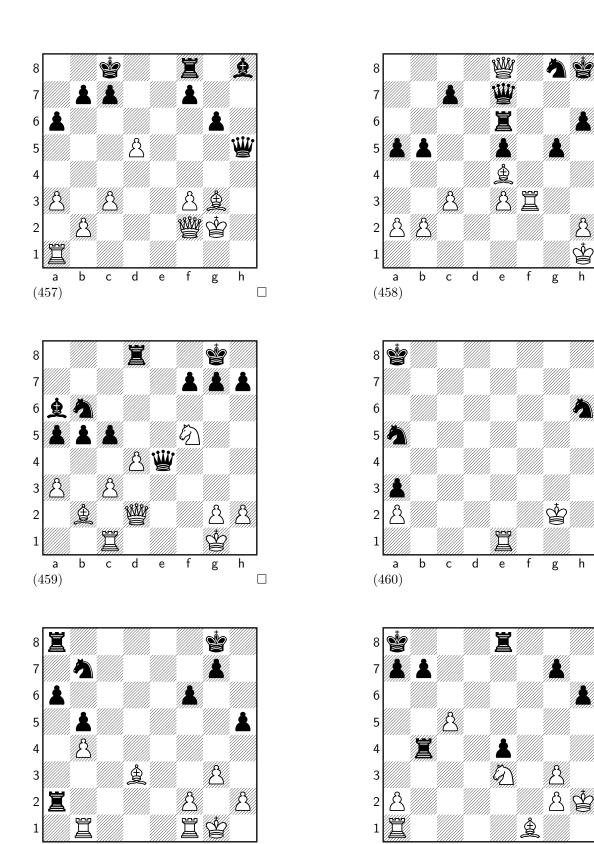


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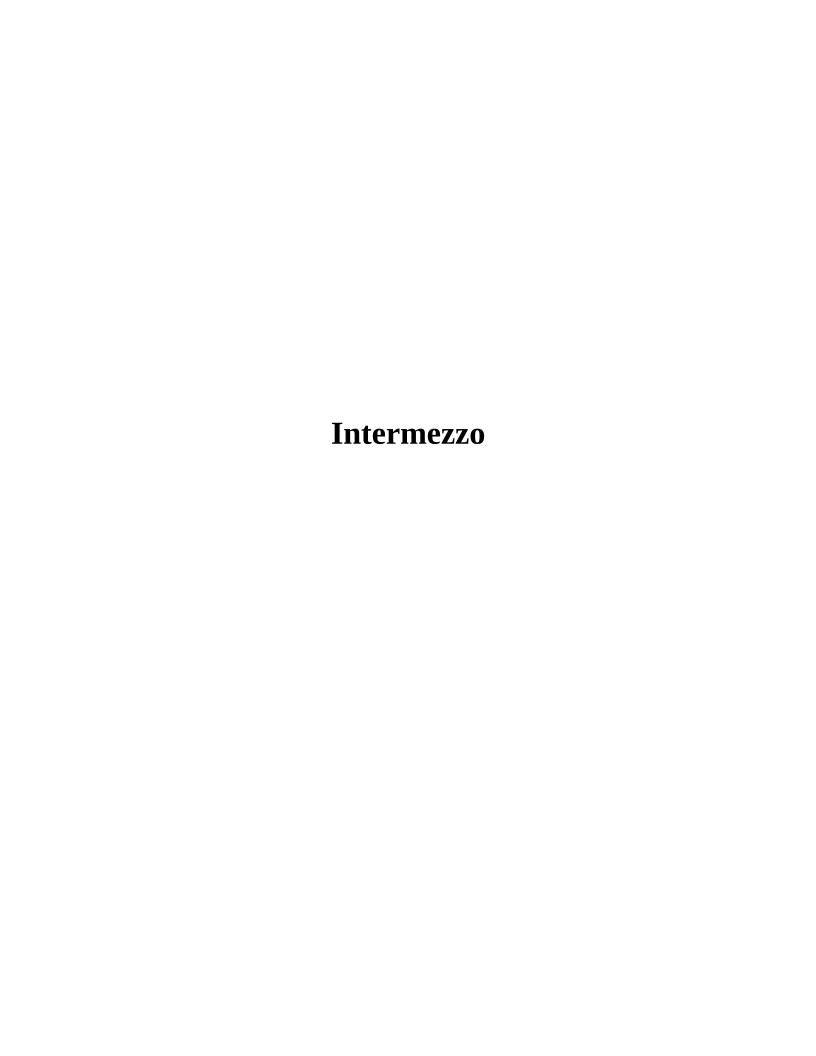
a (462) b

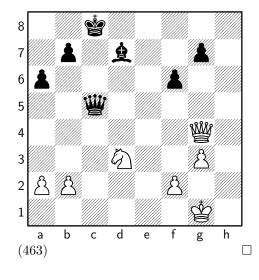
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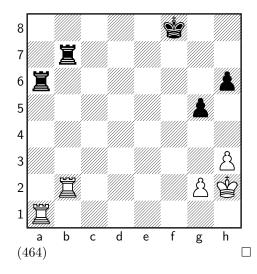
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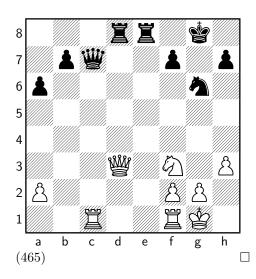
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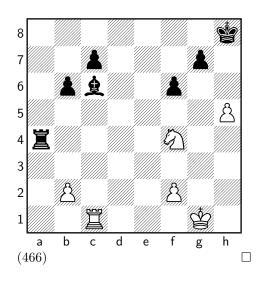
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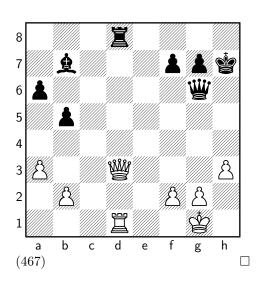


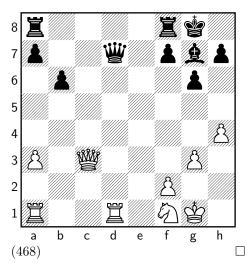


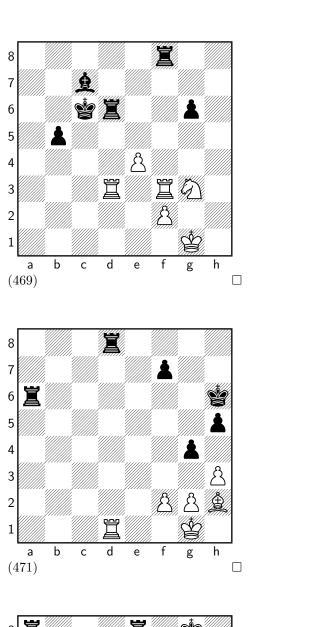


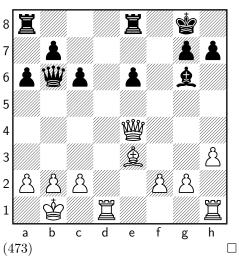


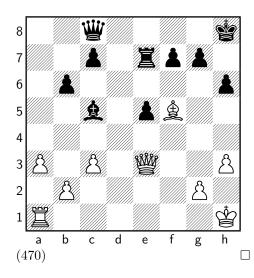


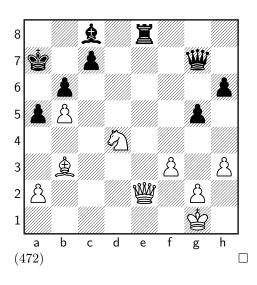


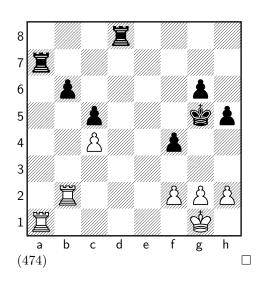


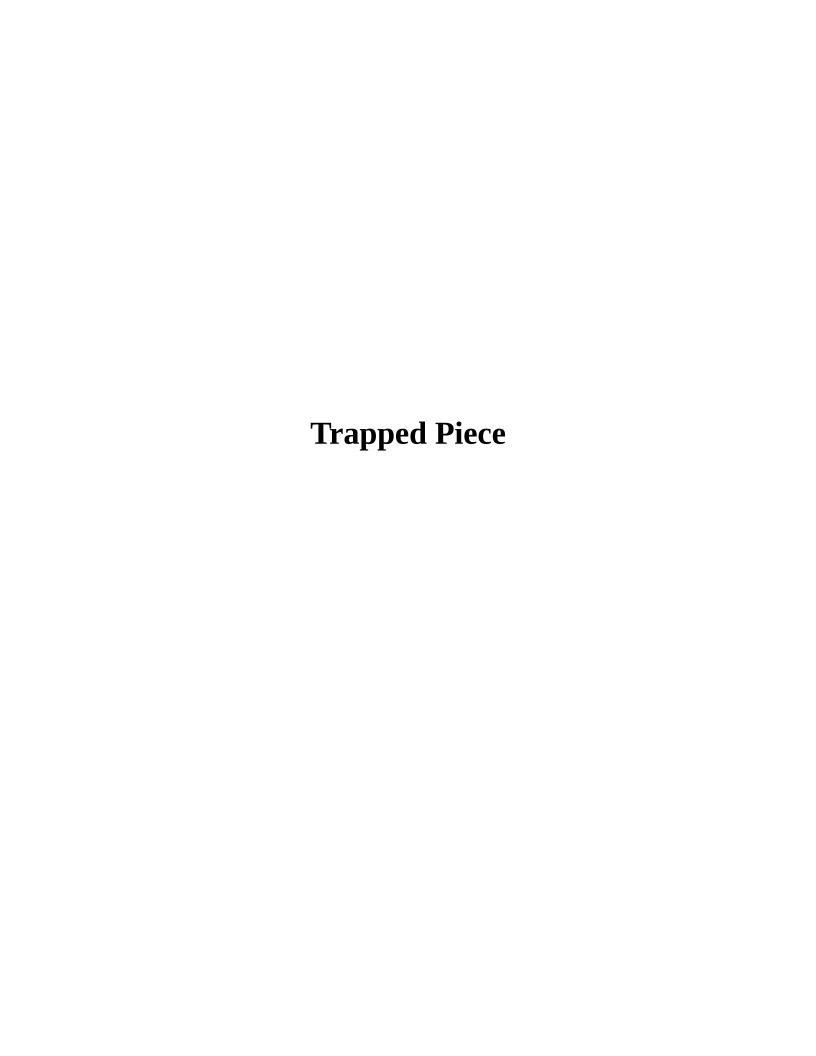


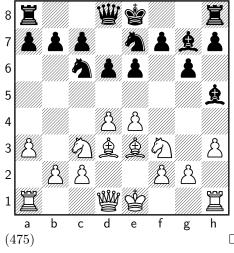


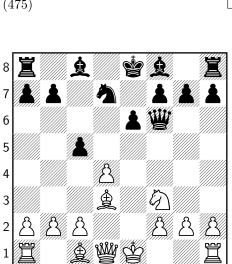




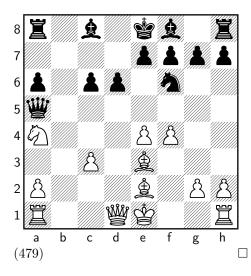




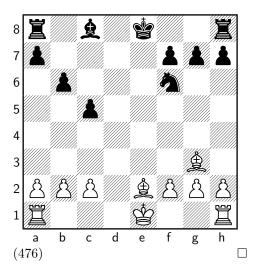


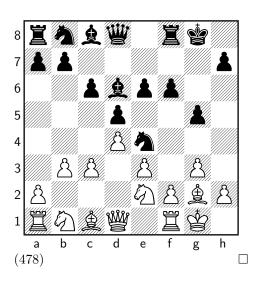


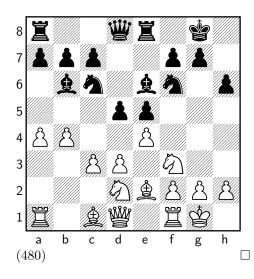
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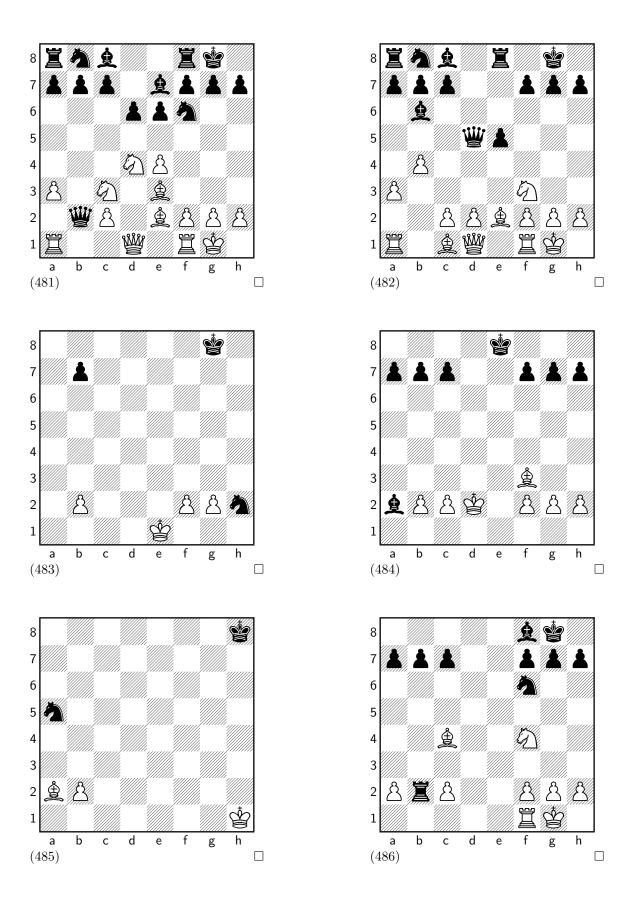


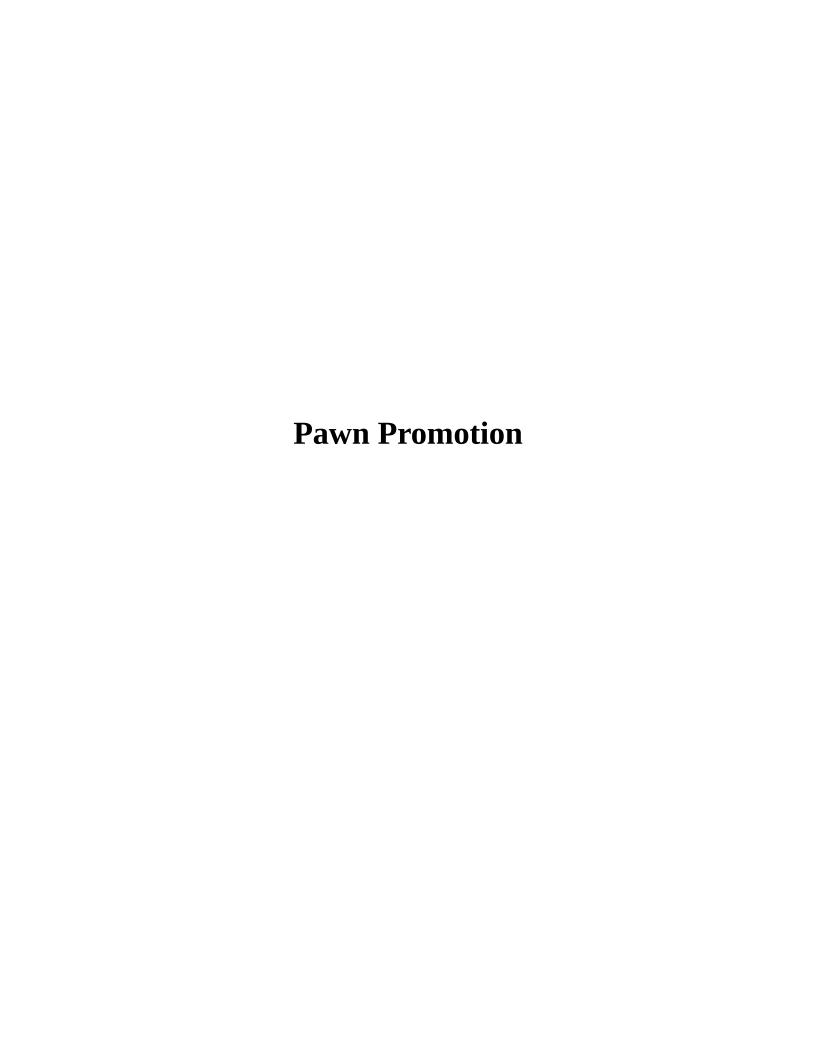
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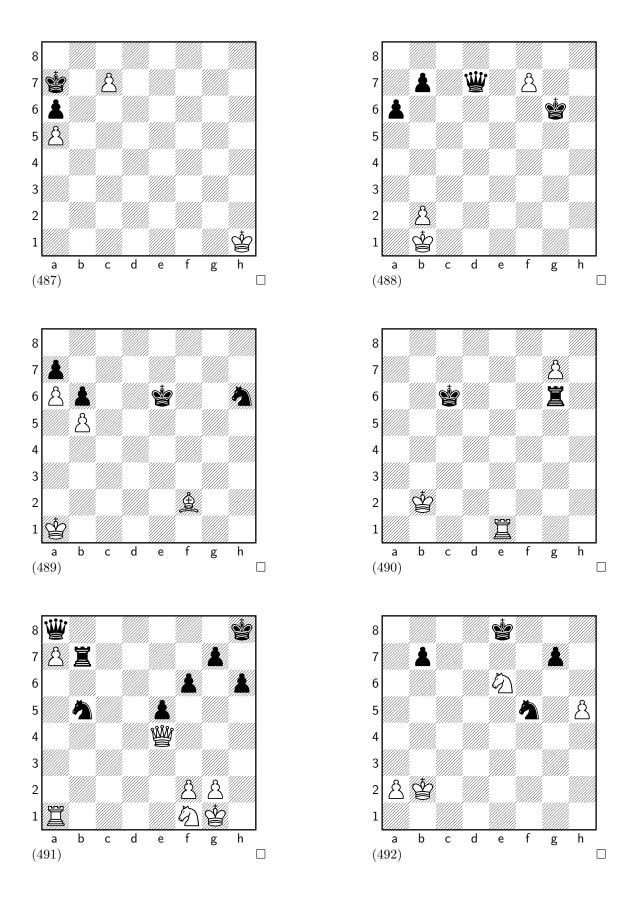


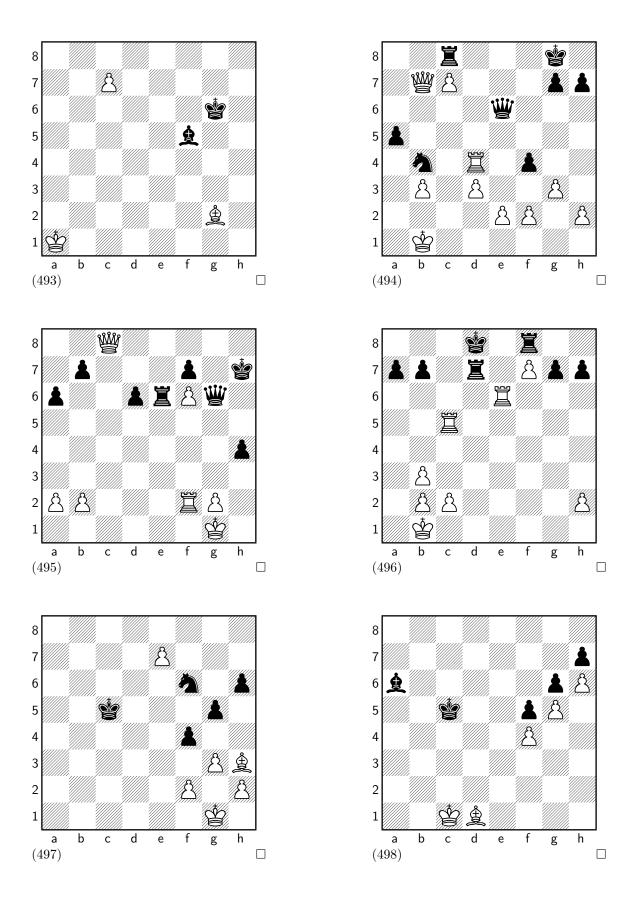


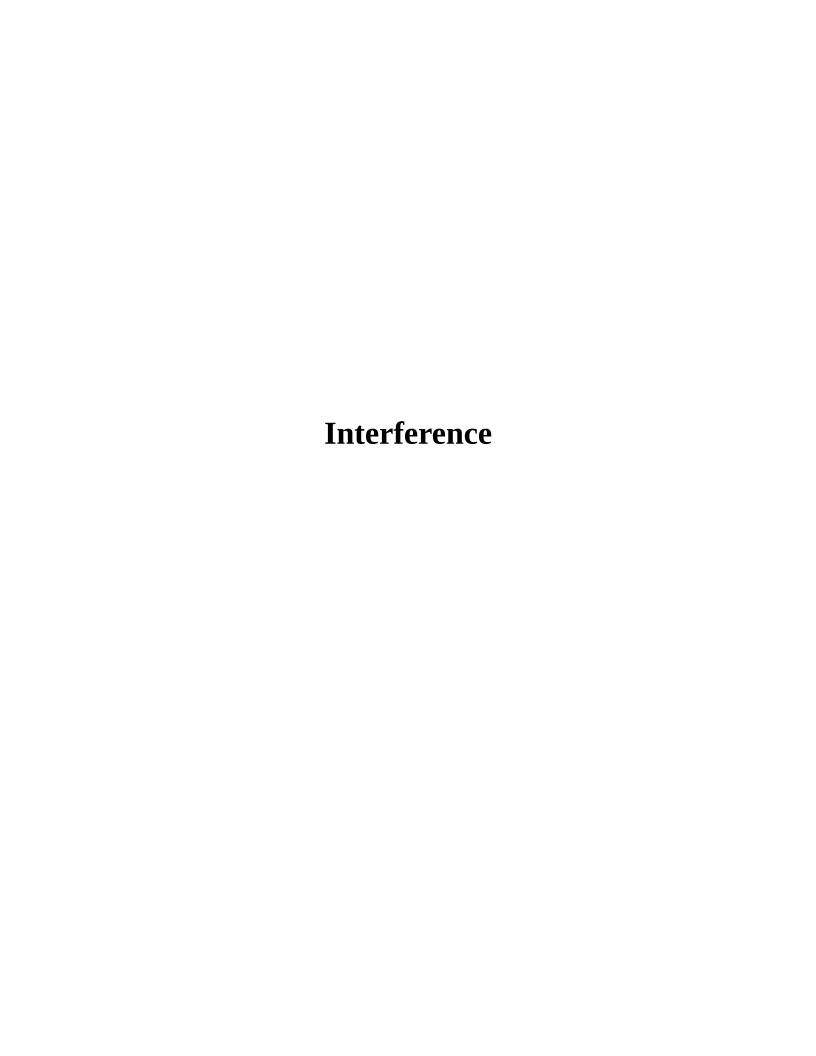


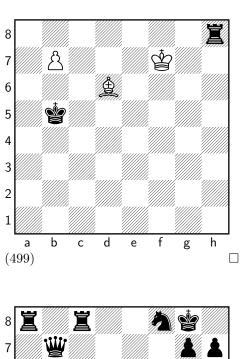


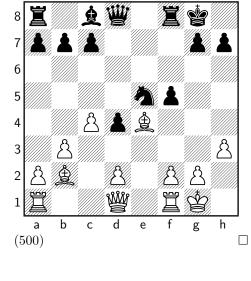


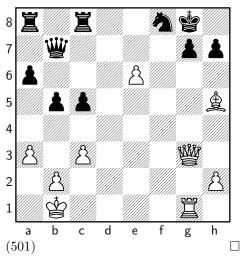


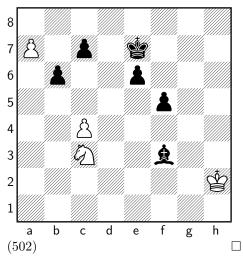


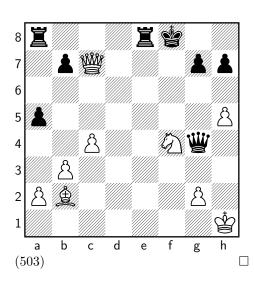


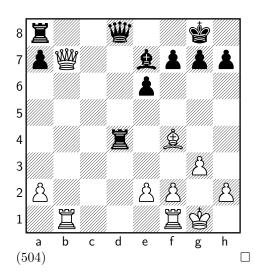


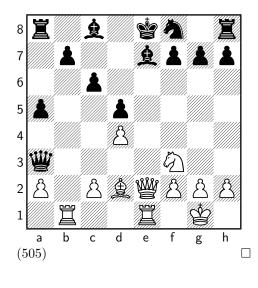


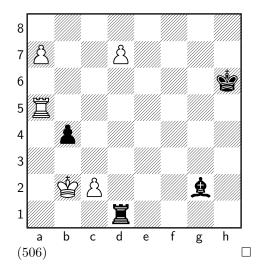


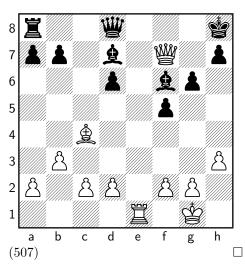


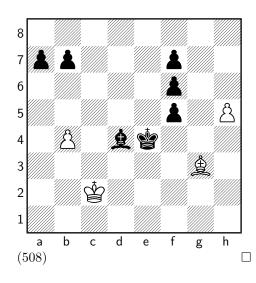


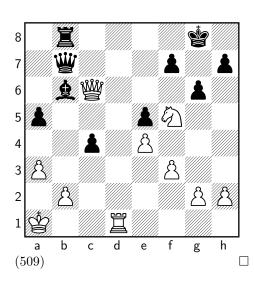


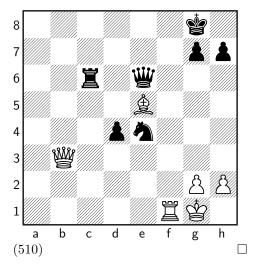


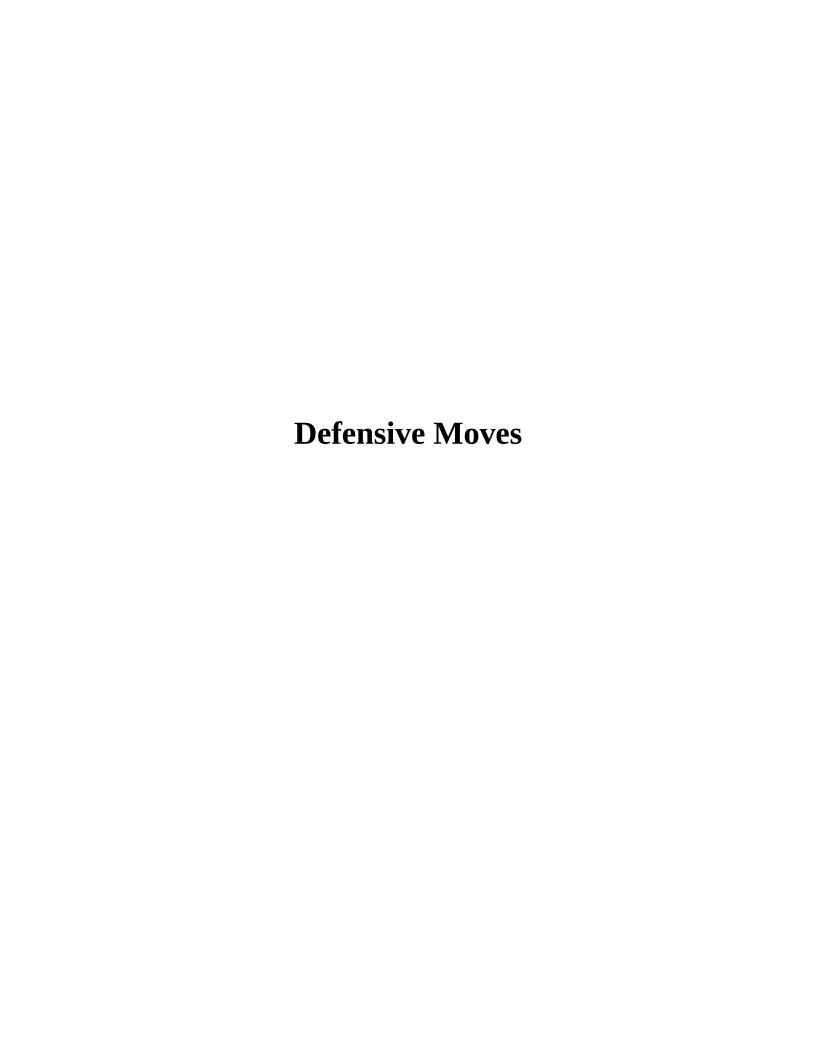


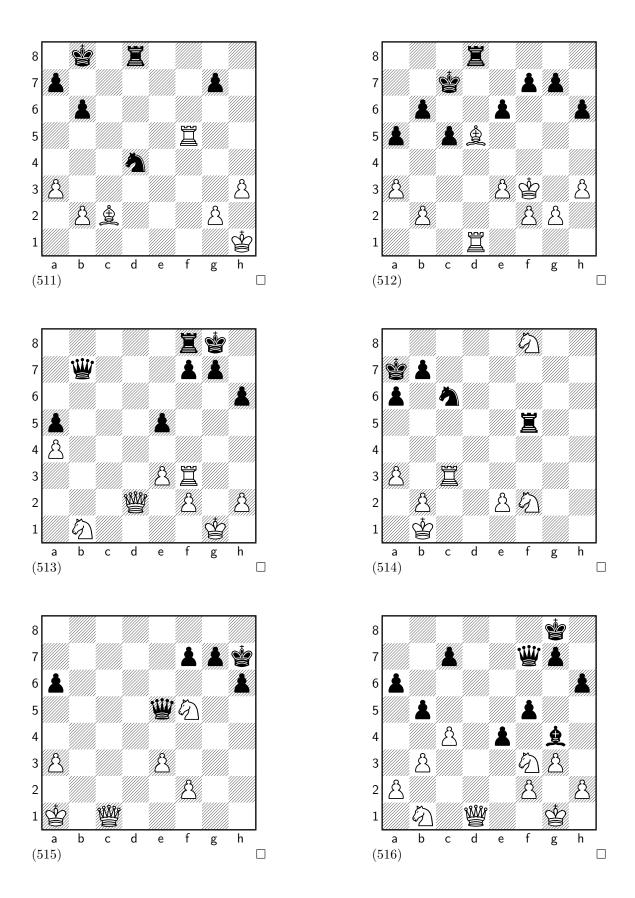


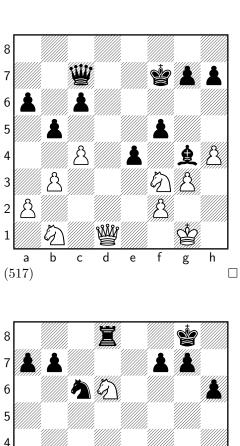


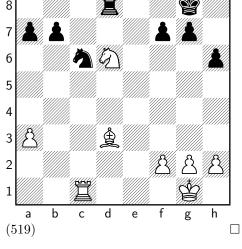


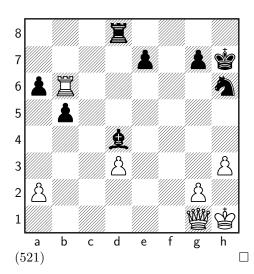


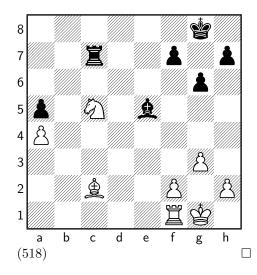


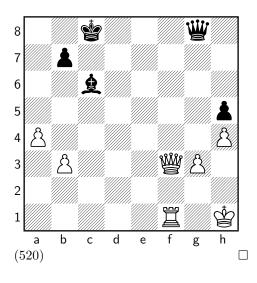


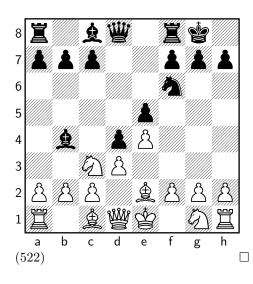


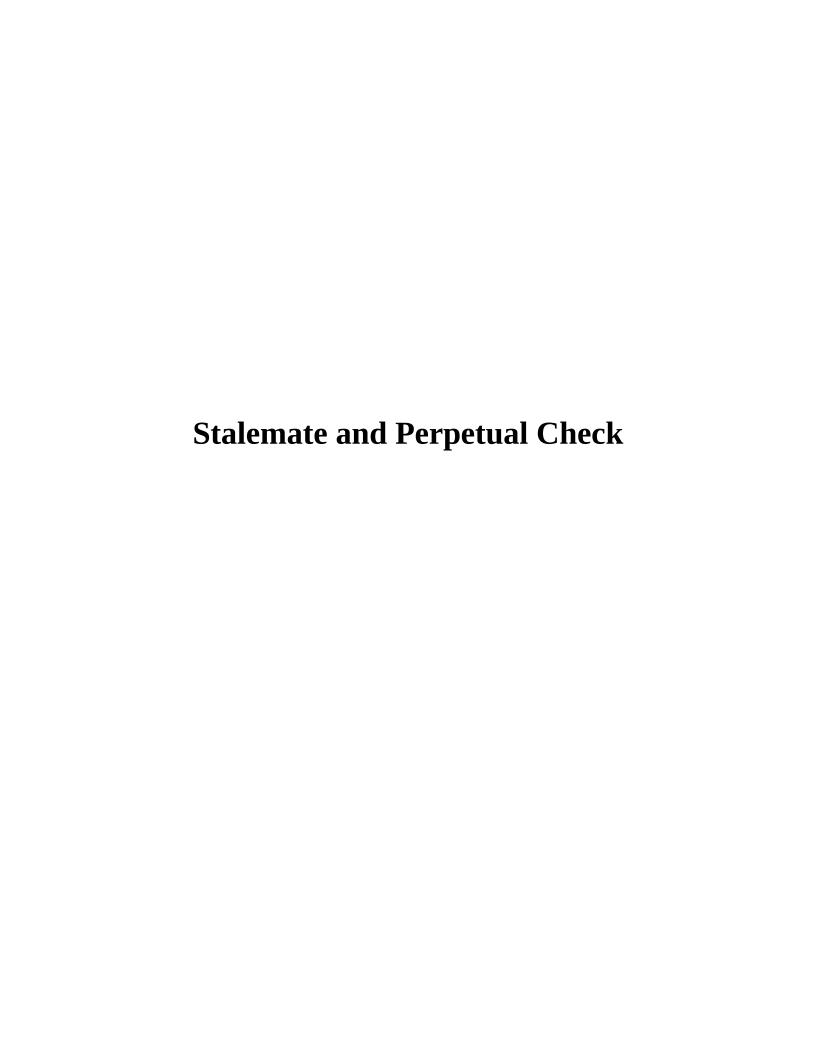


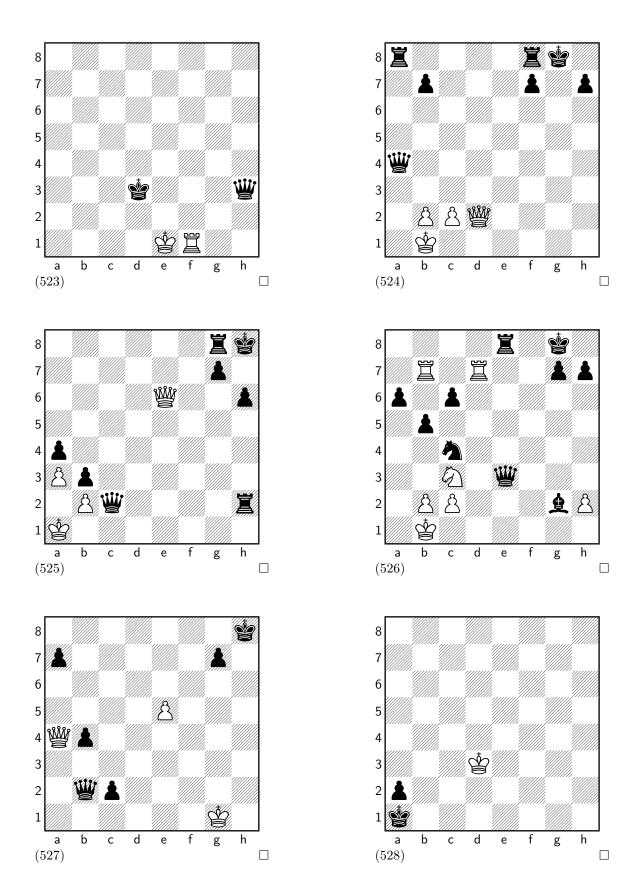


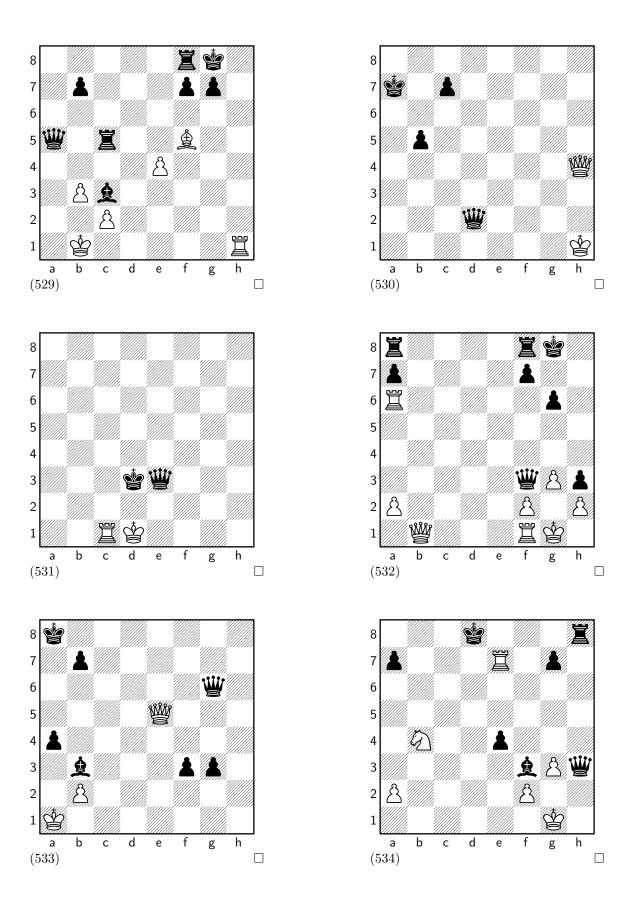


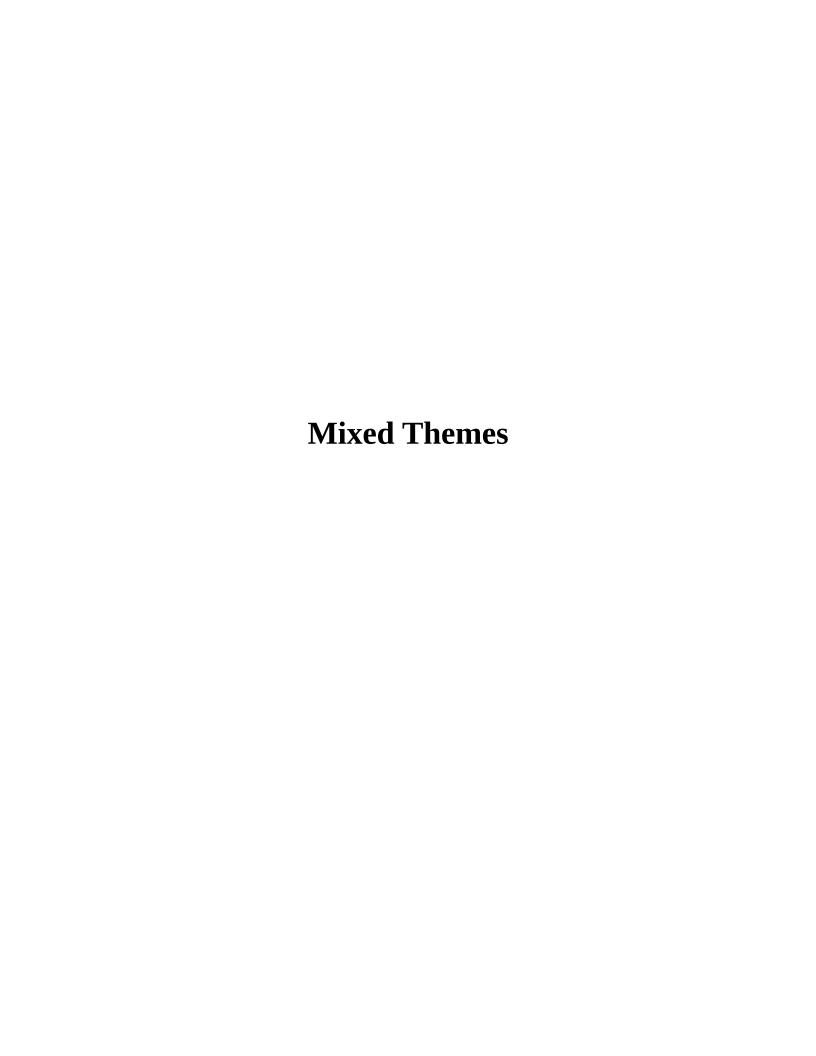


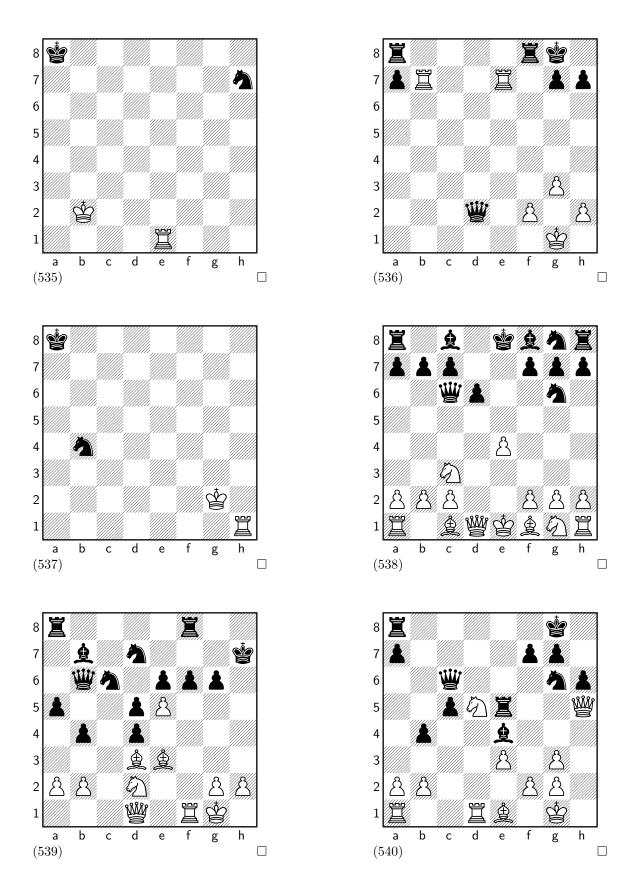


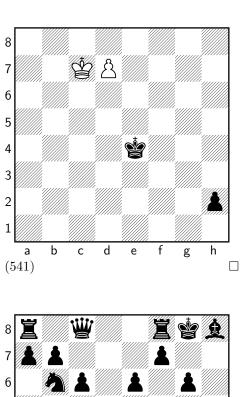


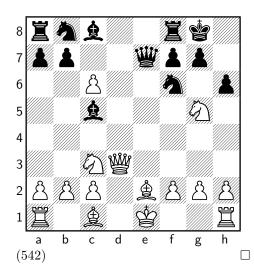


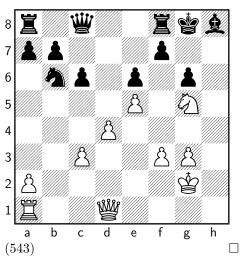


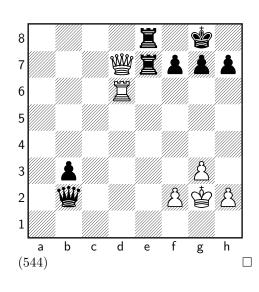


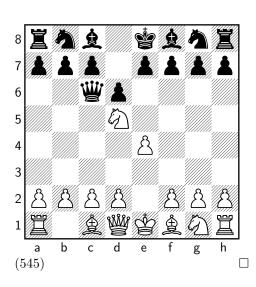


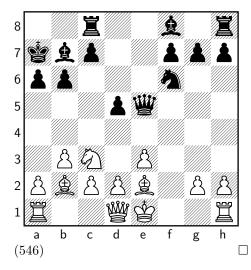


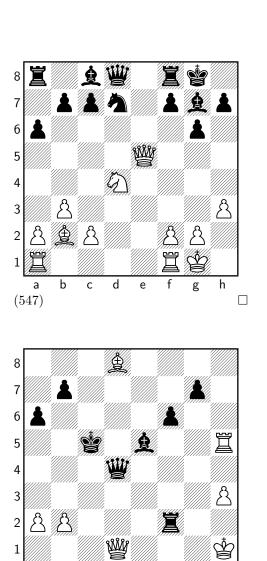


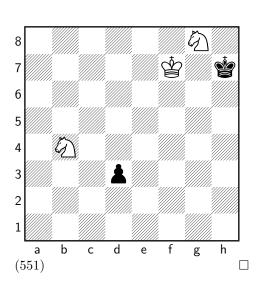










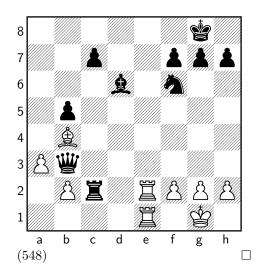


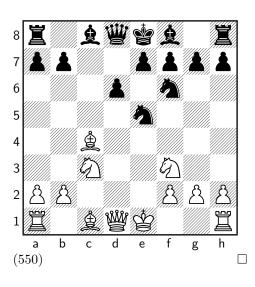
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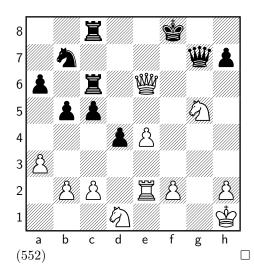
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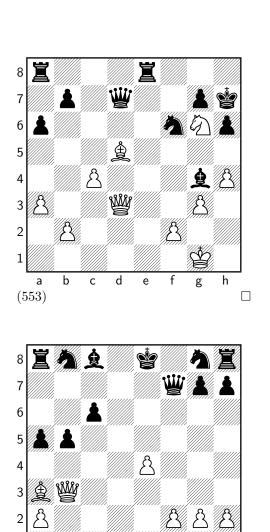


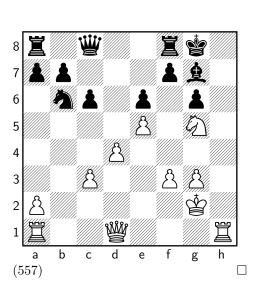


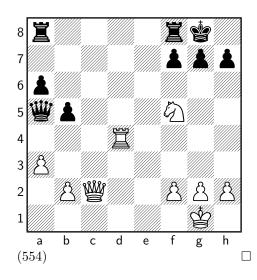
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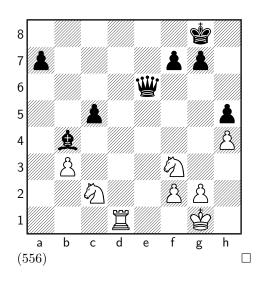
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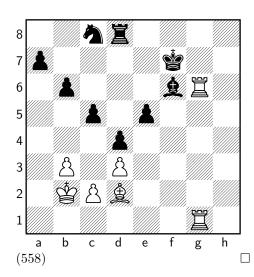
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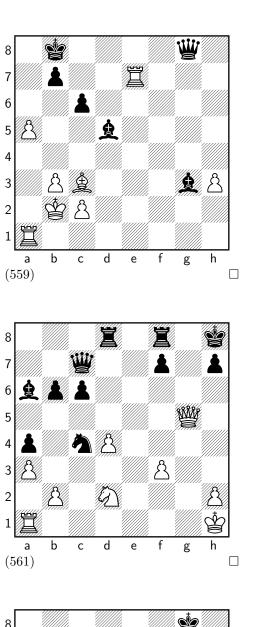


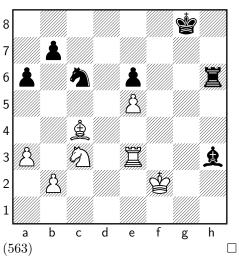


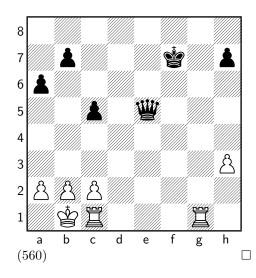


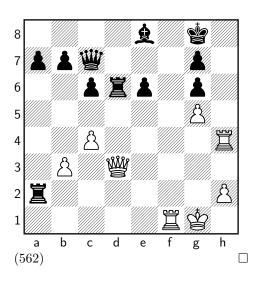


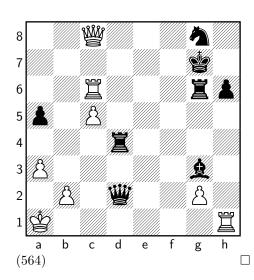


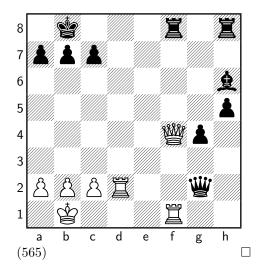


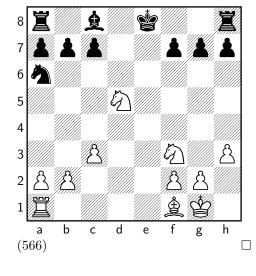


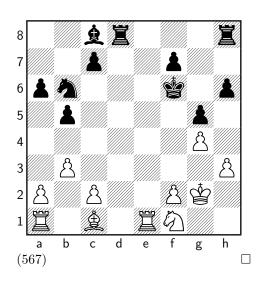


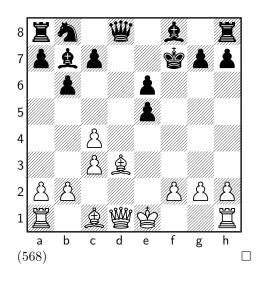


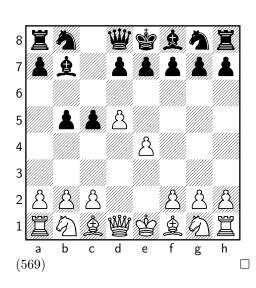


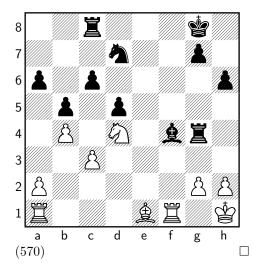


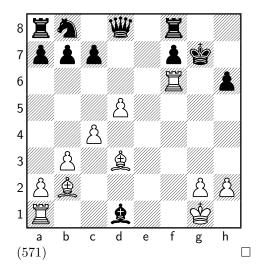


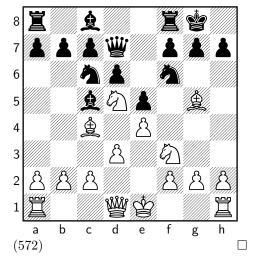


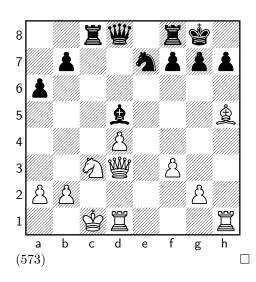


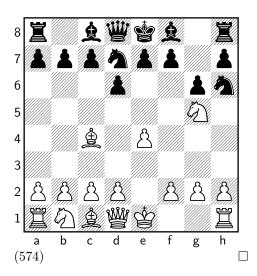


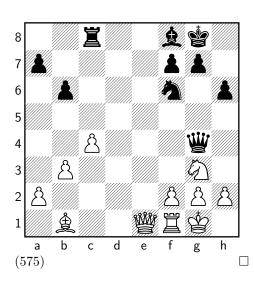


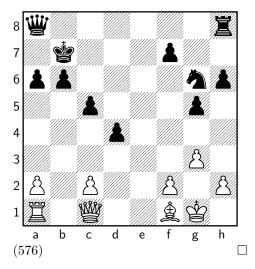


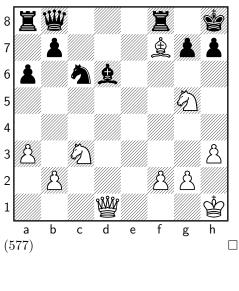


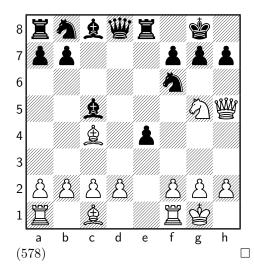


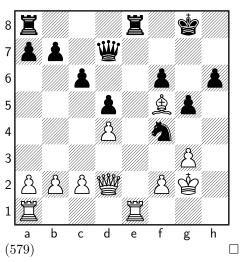


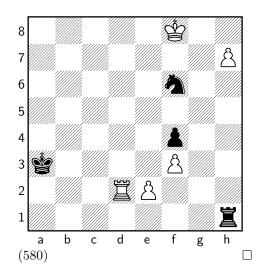


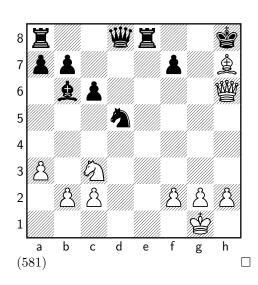


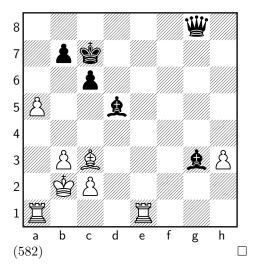


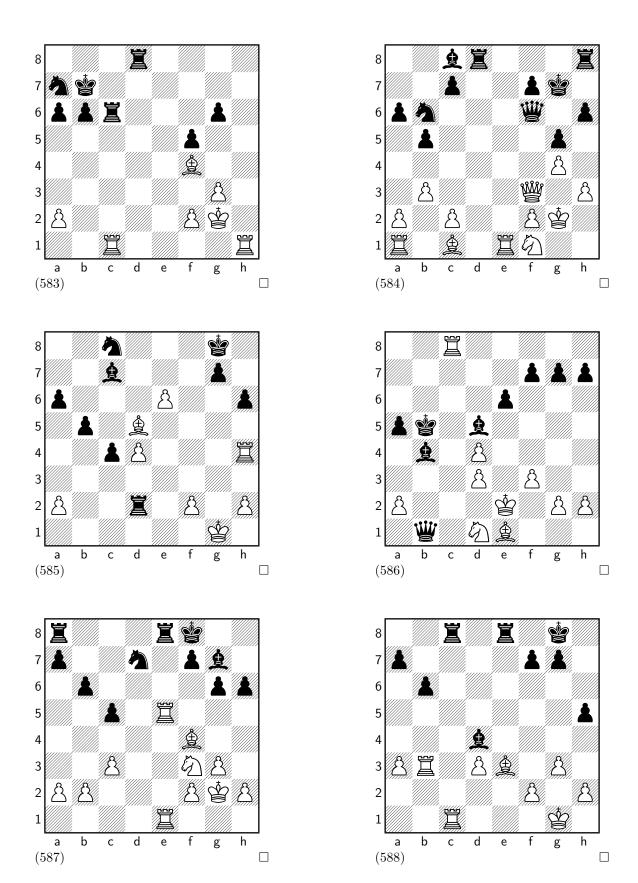


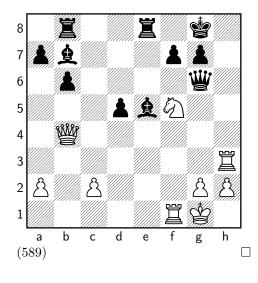


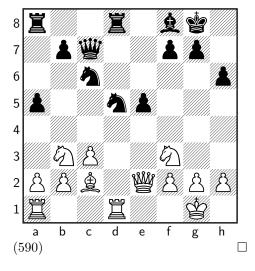


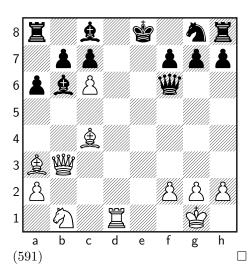


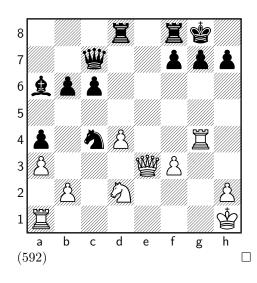


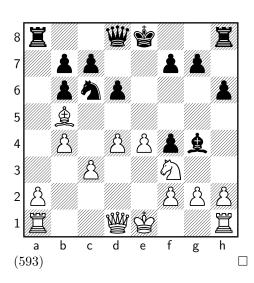


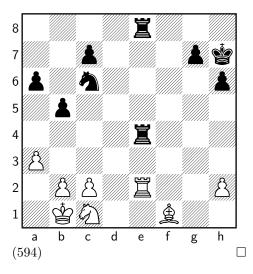


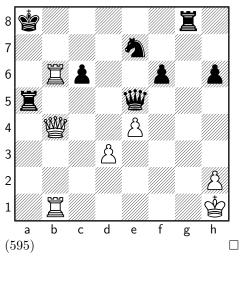


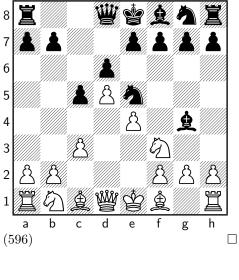


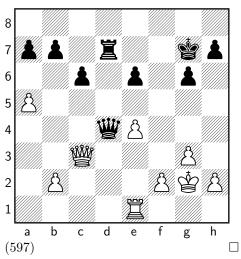


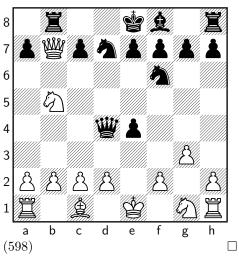


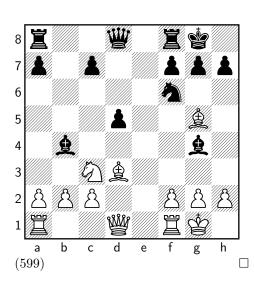


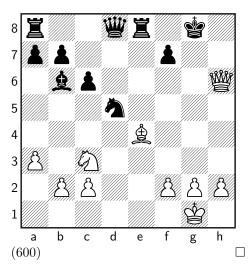


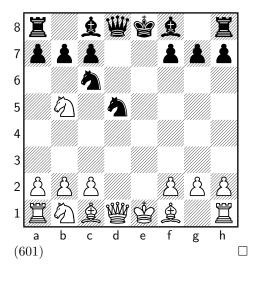


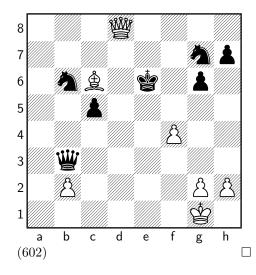


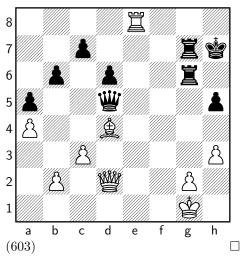


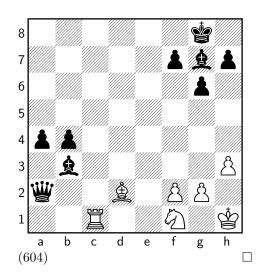


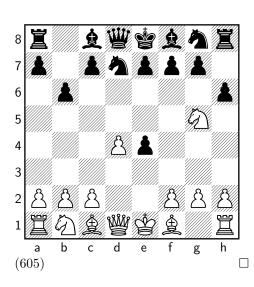


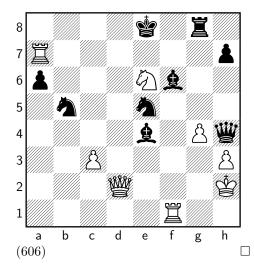


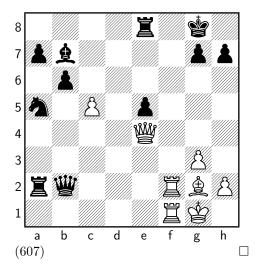


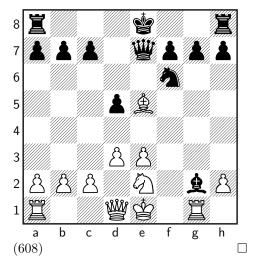


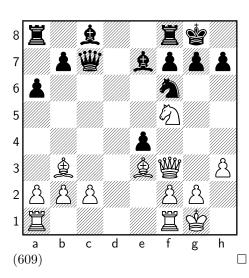


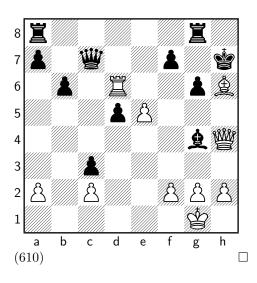


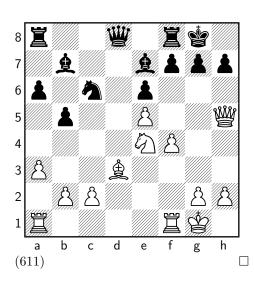


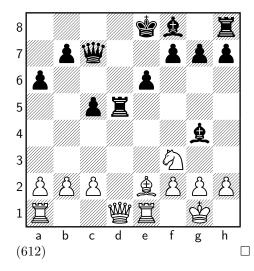


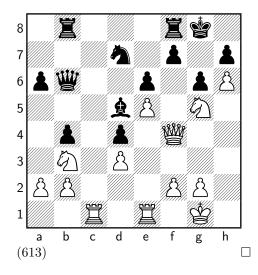


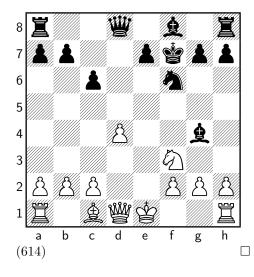


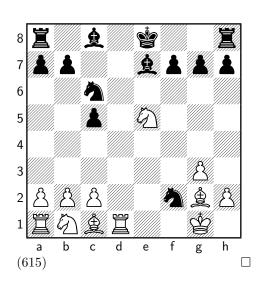


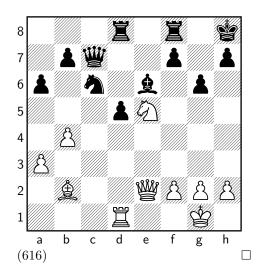


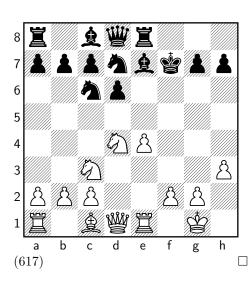


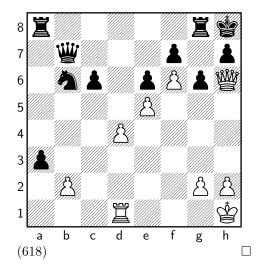


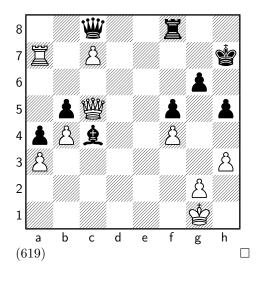


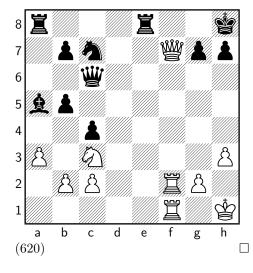


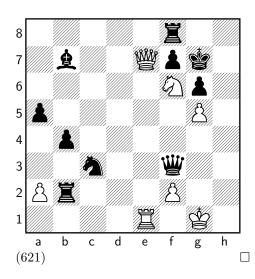


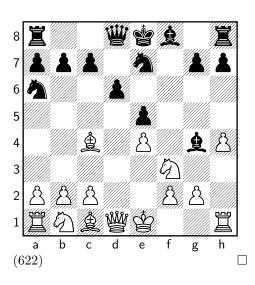


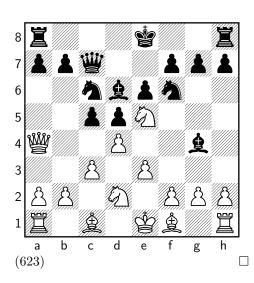


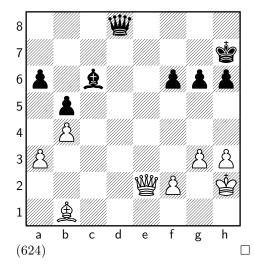


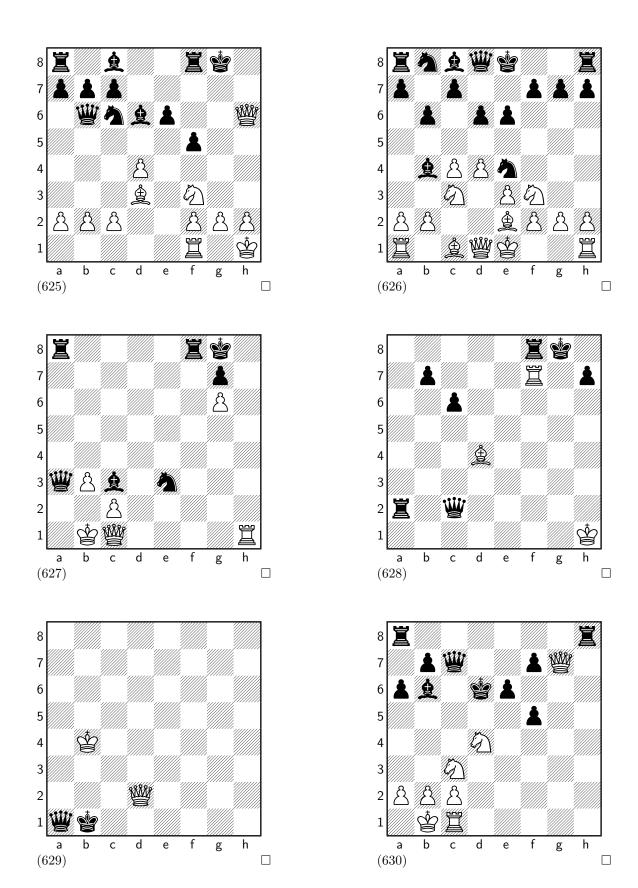


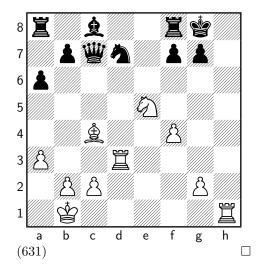


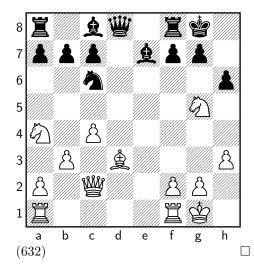


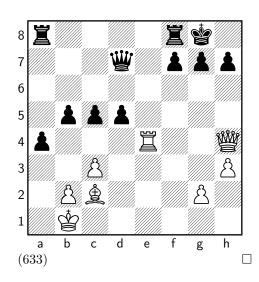


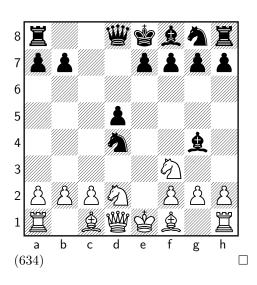


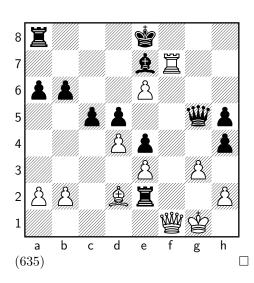


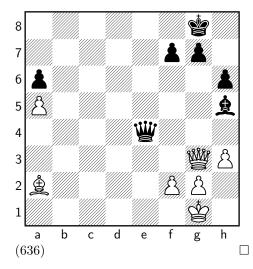


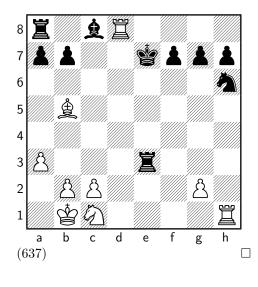


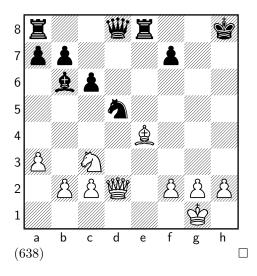


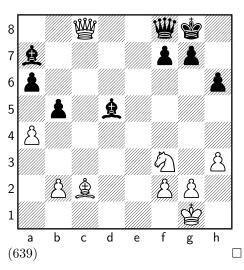


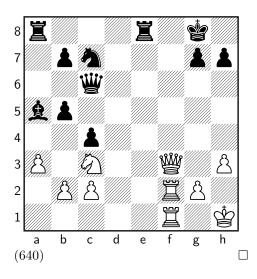


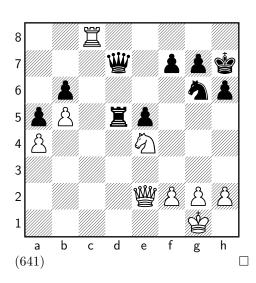


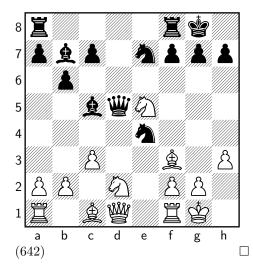


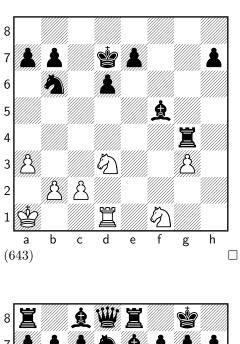


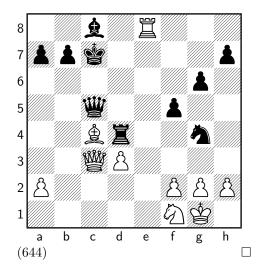


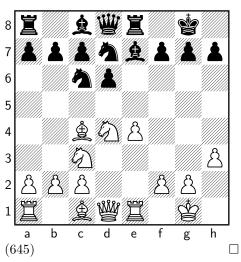


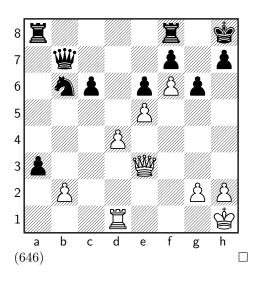


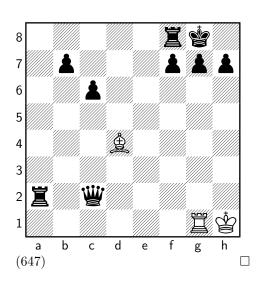


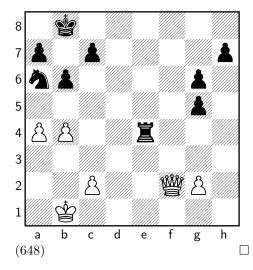


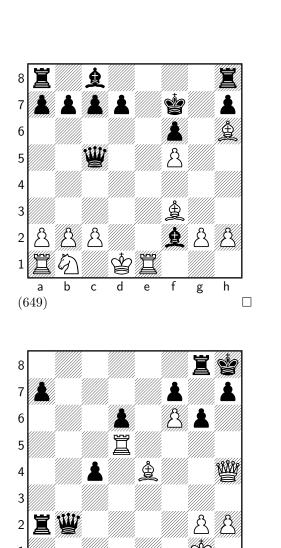


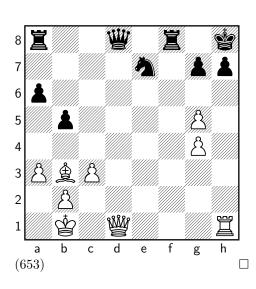








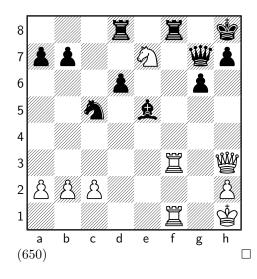


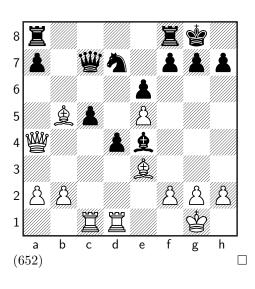


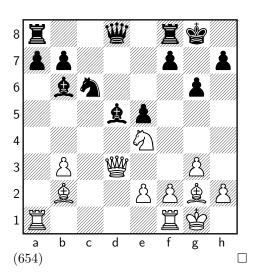
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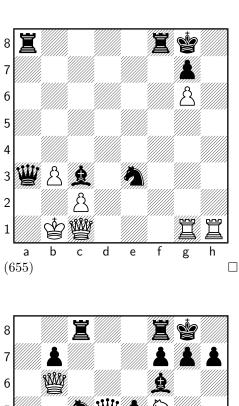
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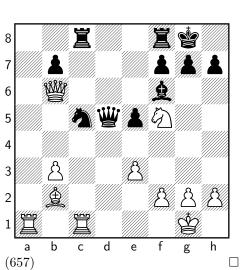
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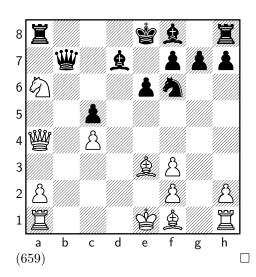


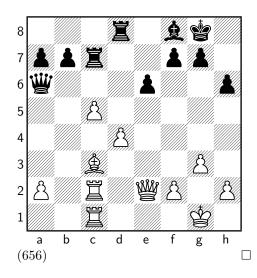


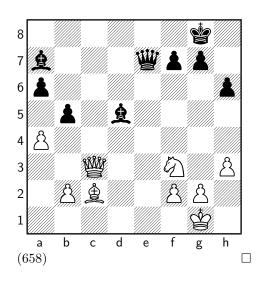


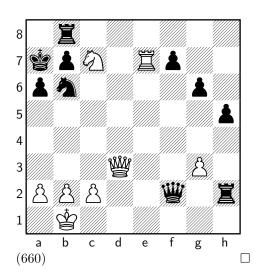


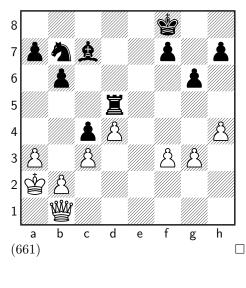


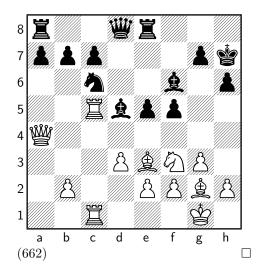


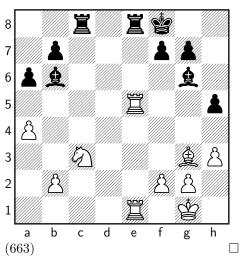


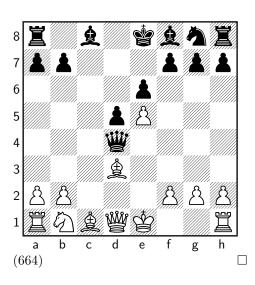


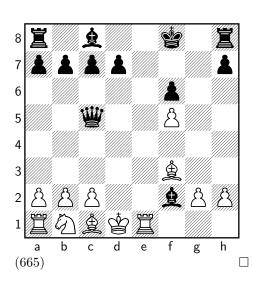


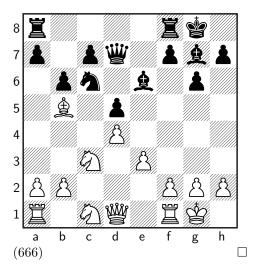


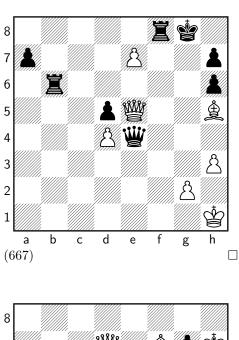


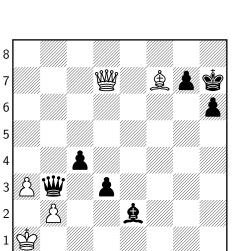










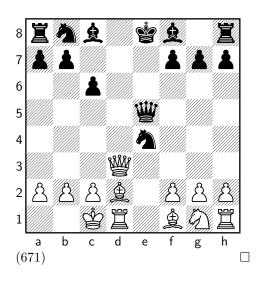


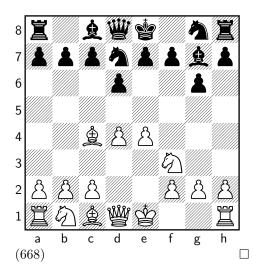
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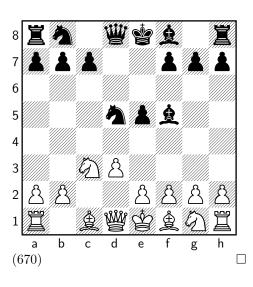
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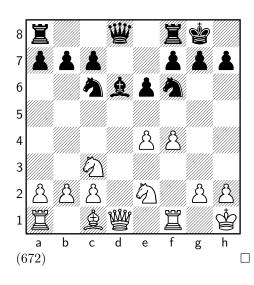
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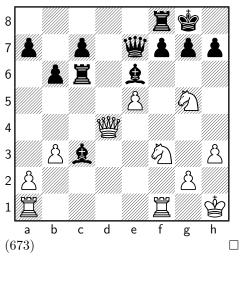
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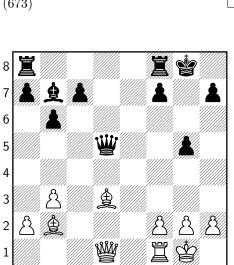








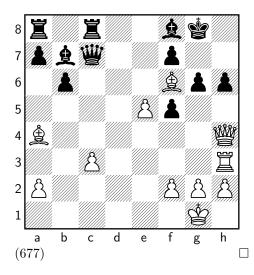


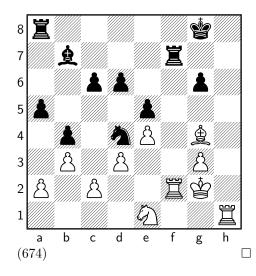


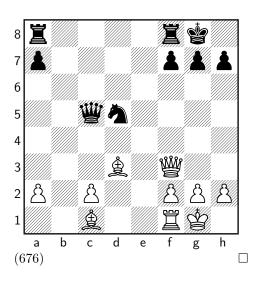
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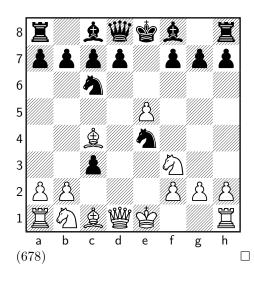
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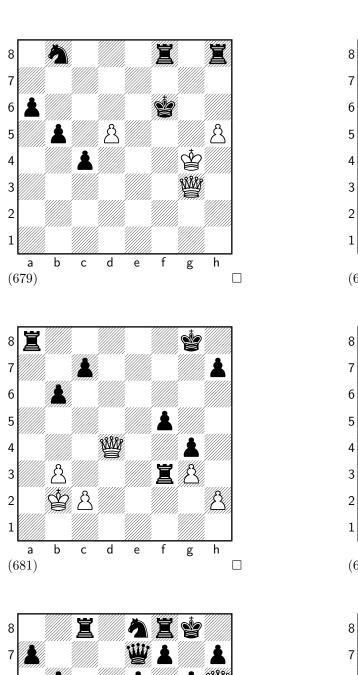
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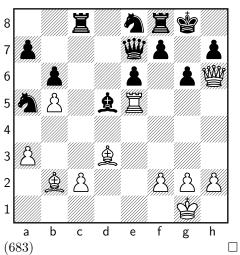


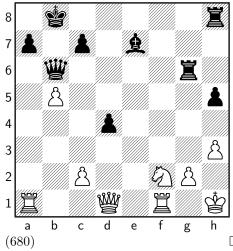


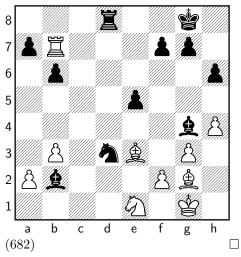


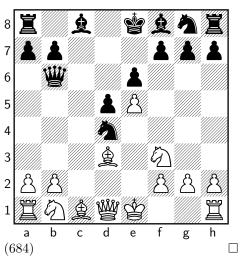


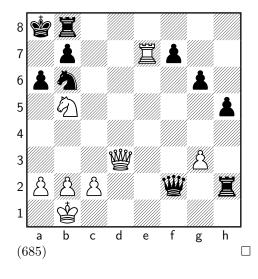


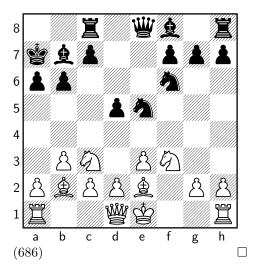


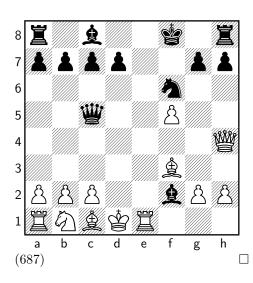


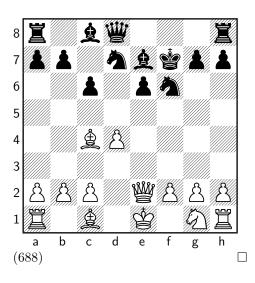


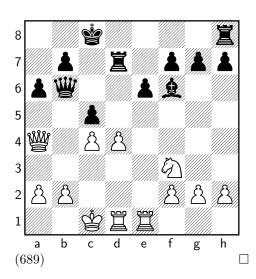


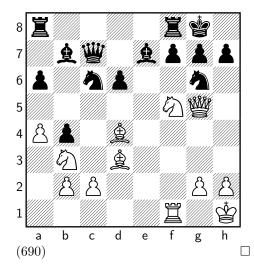


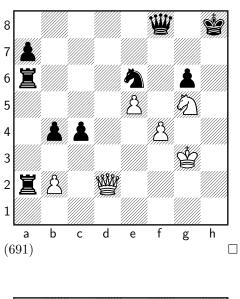


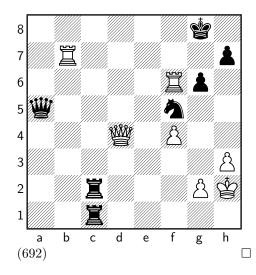


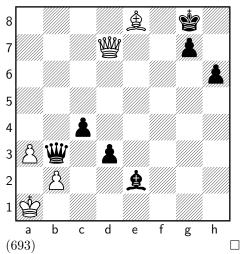


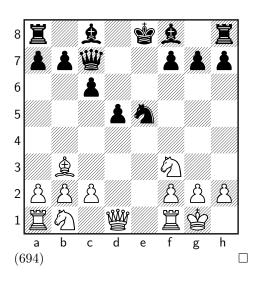


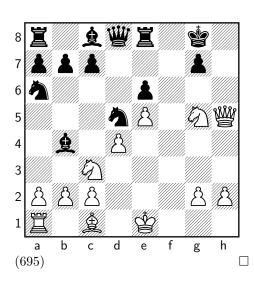


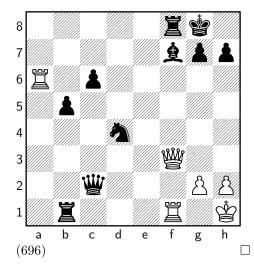


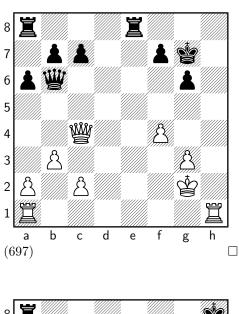


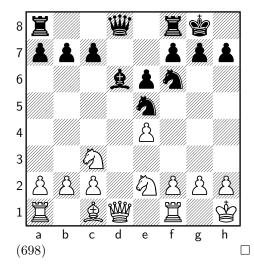


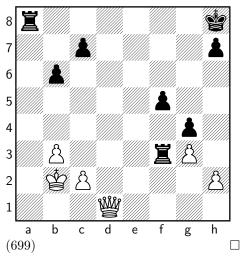


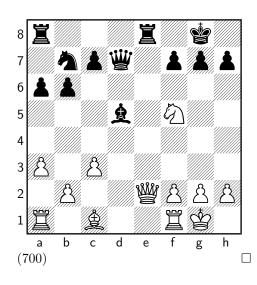


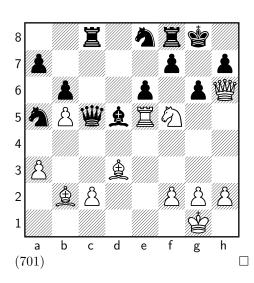


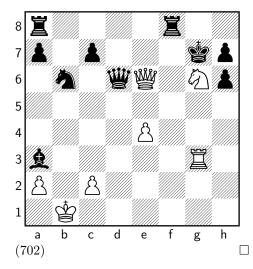


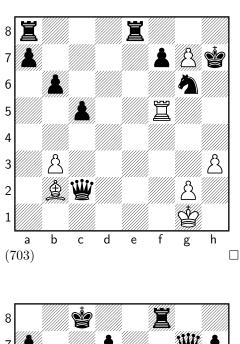


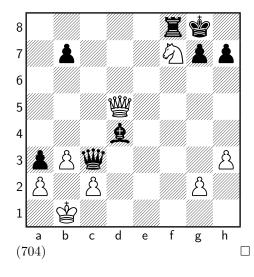


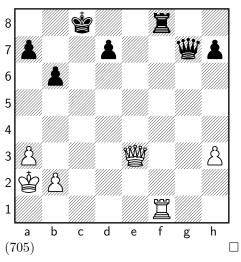


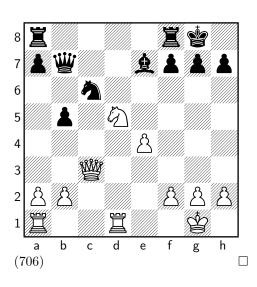


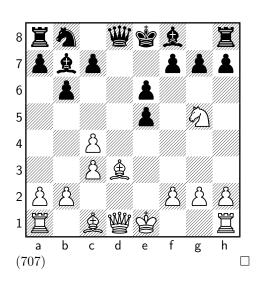


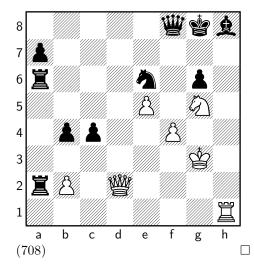


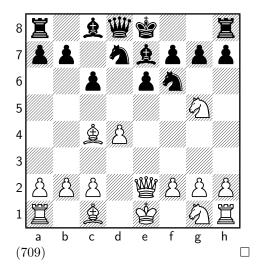


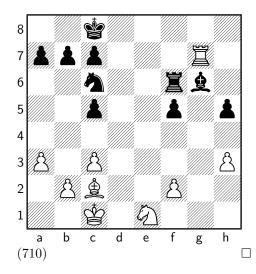


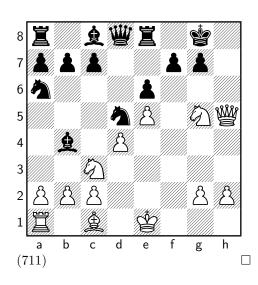


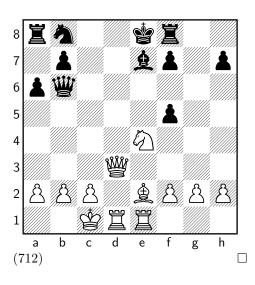


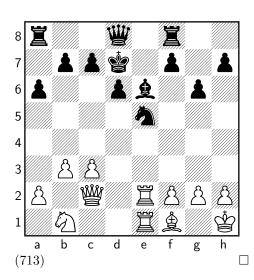


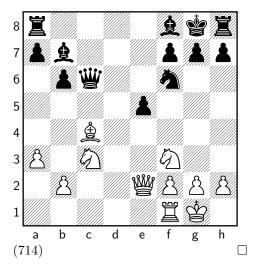


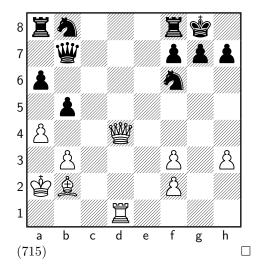


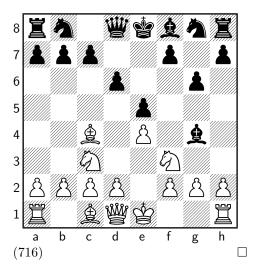


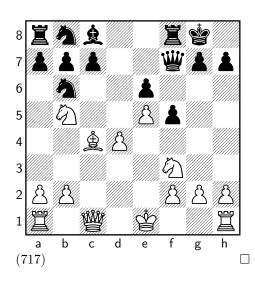


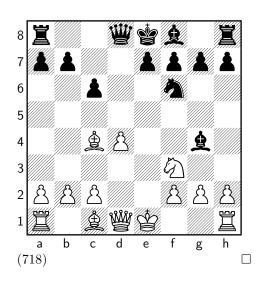


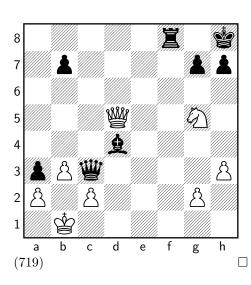


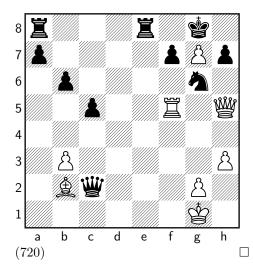


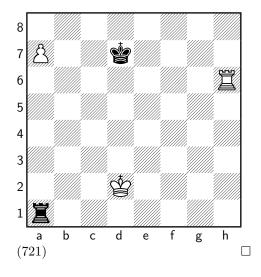


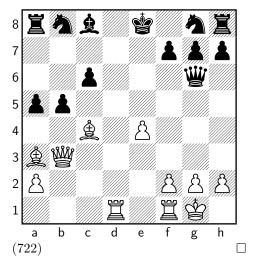


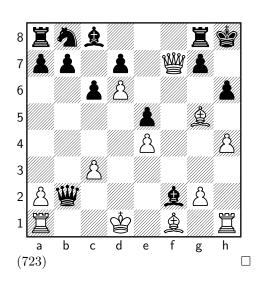


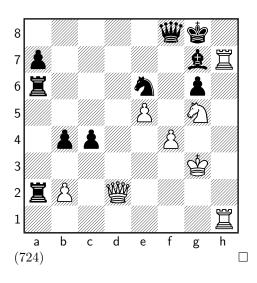


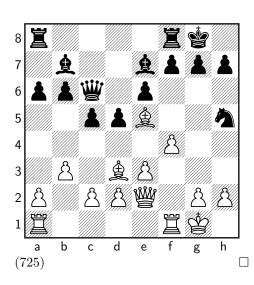


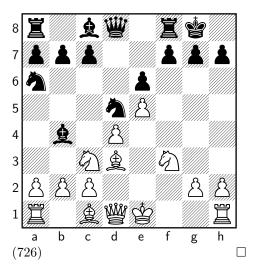












Solutions

- . 1.Rd8#
- . 1.Rh8#
- . 1.Qc8#
- . 1.Rxf8#
- . 1.Rd8#
- . 1.Rh4#
- . 1.Qg7#
- . 1.Rh8#
- . 1.Qa7#
- . 1.Rbg7#
- . 1.Qxg7#
- . 1.Rh8#
- . 1.Nb3#
- **14.** 1.a7#
- . 1.Qc1#
- . 1.Rh4#
- . 1.Rg1#
- . 1.Bf6#
- . 1.Ba6#
- . 1.Bh7#

- . 1.Nf7#
- . 1.Nc7#
- . 1.Ne7#
- . 1.Bd8#
- . 1.Rb8#
- . 1.Ra2#
- . 1.Re8#
- . 1.Qd6#
- . 1.Qc7#
- . 1.Qb7#
- . 1.Rg8#
- . 1.Bd5#
- . 1.Nc6#
- . 1.Bf6#
- . 1.Ng6#
- . 1.Rh7#
- . 1.Rd7#
- . 1.Re7#
- . 1.Qh3#
- . 1.Qg8#
- . 1.Bc6#
- . 1.h3#

- . 1.Nd5#
- **44**. 1.Qe6#
- . 1.Qe5#
- . 1.Qc5#
- . 1.h7#
- . 1.b7#
- . 1.d8=Q# (1.d8=R#)
- . 1.c8=Q#
- . 1.c8=N#
- . 1.Ra6#
- . 1.Rf8#
- . 1.Re7#
- . 1.Be7#
- . 1.Bf7#
- . 1.Nb5#
- . 1.Bf6#
- . 1.Ng6#
- . 1.Nf6#
- . 1.Rd8#
- . 1.Bb5#
- . 1.Re8#

- . 1.Bh6#
- . 1.Rh4#
- **66**. 1.Rxf8#
- . 1.Rg8#
- . 1.Nd6#
- . 1.Qh5#
- . 1.Rh7#
- . 1.Qh5#
- **72**. 1.Qxf7#
- . 1.Nd6#
- **74**. 1.Bxf7#
- . 1.Rh6#
- . 1.Qh3#
- . 1.Qf3#
- . 1.Nf7#
- . 1.Qh8#
- . 1.Qh3#
- . 1.Qxf7#
- . 1.Bh7#
- . 1.Qxg6#
- . 1.Rh8#
- . 1.Ng6#

- . 1.Qf5#
- . 1.Rb8#
- . 1.Nh6#
- . 1.Nh6#
- . 1.Qh7#
- . 1.Rh3#
- . 1.Qh3#
- . 1.Be5#
- . 1.Ba6#
- . 1.Bxf6#
- . 1.Bh5#
- . 1.Rh1#
- . 1.Rg1#
- . 1.Qxg7#
- . 1.g8=Q#
- . 1.Nd5#
- . 1.Bf3#
- . 1.Qa2#
- . 1.Ng7#
- . 1.b3#
- . 1.Bd8#

- . 1.Qxg7#
- . 1.Ra7#
- . 1.Rd6#
- . 1.Qf3#
- . 1.Rd5#
- . 1.Qd4#
- . 1.Ba6#
- . 1.b3#
- . 1.Bf3#
- . 1.Qc6#
- . 1.Rg5#
- . 1.Qd5#
- . 1.Ne6#
- . 1.Bc3#
- . 1.Bg7#
- . 1.Rd4#
- . 1.Bd4#
- . 1.Rd4#
- . 1.Ba4#
- . 1.Rd4#
- . 1.Bf6#
- . 1.f5#

- . 1.Re5#
- . 1.Ne3#
- . 1.Ne6#
- . 1.Rf2#
- . 1.Qb1#
- . 1.Rf4#
- . 1.Bd7#
- . 1.Rd8#
- . 1.Rb5#
- . 1.Qc1#
- . 1.Qe4#
- . 1.Nf3#
- . 1.Bg2#
- . 1.Qe4#
- . 1.Ne6#
- . 1.Qf1#
- . 1.Nh7#
- . 1.Rh8#
- . 1.Bg7#
- . 1.Nb6#
- . 1.Qxg5#

- . 1.Nc8#
- . 1.cxb3#
- . 1.Bb5#
- . 1.axb4#
- . 1.Ra5#
- . 1.Nc3#
- . 1.c3#
- . 1.Re8+ Rxe8 2.Rxe8#
- . 1.Re8+ Qxe8 2.Rxe8#
- **159.** 1.Qxe8+ Rxe8 2.Rxe8#
- . 1.Rc8+ Bxc8 2.Re8#
- . 1.Rc8+ Rxc8 2.Qxc8#
- . 1.Rh4+ gxh4 2.Rxh4#
- . 1.Qe8+ Rxe8 2.Rxe8#
- . 1.Rf8+ Rxf8 2.Rxf8#
- . 1.Qxe8+ Rxe8 2.Rxe8#
- . 1.Bd5+ Kh8 2.Rf8#
- . 1.Re8+ Nxe8 2.Rxe8#
- . 1.Qxc8+ Bxc8 2.Re8#
- . 1.Qxg8+ Kxg8 2.Rd8#
- . 1.Qxf7+ Rxf7 2.Re8#
- . 1.Rxf8+ Bxf8 2.Rd8#

- . 1.Rxe8+ Bf8 2.Rxf8#
- . 1.Ra8+ Rf8 2.Rxf8#
- . 1.Qe8+ Rxe8 2.Rxe8#
- . 1.Ra7+ Kd8 2.Rb8#
- . 1.Qxa7+ Kxa7 2.Ra2#
- . 1.Qc6+ Kd8 2.Re8#
- . 1.Rd8+ Ke7 2.Qd6#
- . 1.Kc6 Ka8 2.Qb7#
- . 1.Kd6 Kc8 2.Qc7#
- . 1.Qh7 Kd8 2.Qd7#
- . 1.Kd6 Kd8 2.Qb8#
- . 1.Rg5 Ke8 2.Rg8#
- . 1.Rf1 Kh8 2.Rf8#
- . 1.Bd6+ Ka8 2.Bd5#
- . 1.Nf8+ Kh8 2.Bf6#
- . 1.Ne7 d1=Q 2.Ng6#
- **188.** 1.Nc1 a2 2.Nb3#
- . 1.Qc2 g2 2.Qc1#
- . 1.Qxf6 gxf6 2.Bxf6#
- . 1.Qxh7+ Kxh7 2.Rh4#
- . 1.Qh1+ Kg6 2.Qh5#

- . 1.Re8+ Kg7 2.Rg8#
- . 1.Rc7+ Kh8 (1...Kf8 2.Rf7#) 2.Rh7#
- . 1.Qg8+ Rxg8 2.Nf7#
- . 1.Qh7+ Nxh7 2.Ng6#
- . 1.Qg8+ Rxg8 2.Nf7#
- . 1.Qg7+ Rxg7 2.Nh6#
- . 1.Rf8+ Kh7 2.Qh3#
- . 1.Qh7+ Kf8 2.Qxf7#
- . 1.Rh8+ Kxh8 2.Qh7#
- . 1.Qh1+ Kg8 2.Qh7#
- . 1.Qf7+ Kd8 2.Qd7#
- . 1.Ng6+ hxg6 2.Qh3#
- . 1.Qxh5 gxh5 2.Bh7#
- . 1.Qxh6+ gxh6 2.Be5#
- . 1.Qxc6+ bxc6 2.Ba6#
- . 1.Qxc6+ bxc6 2.Rb8#
- . 1.Rxg7+ Kh8 2.Rg6#
- . 1.Rg1+ Kh8 2.Bxf6#
- . 1.Rg8+ Kxg8 2.Rg1#
- . 1.Re8+ Kf7 (1...Qf8 2.Rxf8#) 2.Bh5#
- . 1.Rg1+ Qg3 2.Rxg3#
- . 1.Bxf6 gxh6 2.Nxh6#

- . 1.Nxf6+ Kf8 2.Bh6#
- . 1.Qxf7+ Kh6 2.Rh1#
- . 1.Qh7+ Kf8 2.Qxf7#
- . 1.Qg6 hxg5 2.Qh5#
- . 1.Qg6 Nf8 2.Qxg7#
- . 1.Ng5 Rf7 2.Nxf7#
- . 1.Qf6 Ne6 2.Qh8#
- . 1.Rxh6 Qxe5 2.Rh8#
- . 1.Qxh5+ gxh5 2.Rh6#
- . 1.Rh5+ Kg8 2.Rh8#
- 225. 1.Rc8 Rxc8 (1...Qxc8 2.Nxf7#) 2.Qg7#
- . 1.Nf5+ Kg8 2.Nh6#
- . 1.Qxh7+ Kxh7 2.Rh3#
- . 1.Rh3 Rg6 2.Qxh7#
- . 1.Rxh7+ Kg8 2.Rbg7#
- . 1.Qh5+ Kg8 2.Qh8#
- . 1.Rh8+ Nxh8 2.gxh8=Q#
- . 1.Qh7+ Kxh7 2.g8=Q#
- . 1.Bxf7+ Ke7 2.Nd5#
- . 1.Nf6+ gxf6 2.Bxf7#
- . 1.Bd3+ Kh5 2.Qh3#

- . 1.Qh5+ g6 2.Qxg6#
- . 1.Qd5+ Kf6 2.Qf5#
- . 1.Qf6+ Kh5 2.Bf3#
- . 1.Qa6+ Kb3 2.Qa2#
- . 1.Qd3+ Ke6 2.Qd7#
- . 1.Qa6+ Kb8 2.Qb6#
- . 1.Qe6+ Kg7 2.Qg6#
- . 1.Rf8+ Rxf8 2.Ng7#
- . 1.Qc8+ Kh7 2.Qg8#
- . 1.Qb8+ Nxb8 2.Rd8#
- . 1.Qh8+ Ke7 2.Qxg7#
- . 1.Ra3+ bxa3 2.b3#
- . 1.Rc6+ Ka8 2.Rc8#
- . 1.Bh6 f5 2.Rxf8#
- . 1.Rf6 Bh5 2.Rf8#
- . 1.Bg5+ Kc7 (1...Ke8 2.Rd8#) 2.Bd8#
- . 1.Bd6+ Ke8 2.Rf8#
- . 1.Rh7+ Kg8 2.Rh8#
- . 1.Nb5+ Ka8 2.Ra7#
- . 1.Re8+ Rxe8 2.dxe8=Q#
- . 1.Rxd8+ Kxg7 2.Qg5#
- . 1.Rxa7+ Kxa7 2.Ra1#

- . 1.Nxf7+ Rxf7 2.Re8#
- . 1.Nf5+ Kd8 2.Rc8#
- . 1.Rh8+ Bxh8 2.Qf8#
- . 1.Rh8+ Qxh8 2.Qf7#
- . 1.Ne7+ Kh8 2.Qxf8#
- . 1.Rh8+ Bxh8 2.Qxh8#
- . 1.Ba6+ Bb7 2.Qa8#
- . 1.Rg7+ Kxg7 2.Qh7#
- . 1.Bxe4+ Rxe4 2.Rc8#
- . 1.Qxh5+ Nh6 2.Qxh6#
- . 1.Nf5+ Ke8 2.Nxg7#
- . 1.Re8+ Bxe8 2.Rxe8#
- . 1.Bxa7+ Ka8 2.Rxc8#
- . 1.Rh7+ Kf8 2.Rf7#
- . 1.Qf4+ Ka8 2.Qf8#
- 273. 1.Rh1+ Kg6 2.Ne7#
- . 1.a6+ Kxa6 2.Bc8#
- . 1.Rexe8+ Qxe8 2.Nd7#
- . 1.Qg7+ Bxg7 2.Nf6#
- . 1.Qxg4+ Kxg4 2.Bd1#
- . 1.Rxa6+ Kxa6 2.Qa8#

- . 1.Qd8+ Nxd8 2.Rc8#
- . 1.Qxg8+ Kxg8 2.Rh8#
- . 1.Rg4+ Kh5 2.Bf7#
- . 1.Qa7+ Kxc6 2.Qxa6#
- . 1.Qh6+ Kxh6 2.Rh8#
- 284. 1.Bh7+ Kh8 2.Rxf8#
- . 1.Qxf7+ Kxf7 2.Rf5#
- . 1.Rb1+ Kc8 2.Rf8#
- . 1.cxb7+ Kb8 2.Rc8#
- . 1.Qe8+ Kxe8 2.Rc8#
- . 1.Ba5+ Kc8 2.Rd8#
- . 1.Rb7+ Kc8 2.Ra8#
- . 1.Qc8+ Qxc8 2.Rxc8#
- . 1.Rc8+ Kb7 2.R1c7#
- . 1.Ra5+ bxa5 2.Qxa5#
- . 1.Na4+ Kd6 2.e5#
- . 1.b6+ Kb8 2.Rd8#
- . 1.Qh6+ Qxh6 2.Rxg8#
- . 1.Rh8+ Kf7 2.Rf8#
- 298. 1.Ne7+ Kh8 2.Rxf8#
- . 1.Ng7+ Kd8 2.Rf8#
- . 1.Nc7+ Ke7 2.Bg5#

- . 1.Qxf6+ Bxf6 2.Nxd6#
- . 1.b4+ Ka4 2.Bd1#
- . 1.Na5+ Kd8 2.Nxc6#
- . 1.Ra8 g5 2.hxg6#
- . 1.Ra8+ Kb5 2.Ra5#
- . 1.Qf8+ Bg8 2.Qf6#
- . 1.Bf6+ Kg8 2.Rd8#
- . 1.Qg8+ Kxg8 2.Re8#
- . 1.Rxf8+ Kxf8 2.Qd8#
- . 1.Nxa7+ Kd7 2.Bb5#
- . 1.Nxe6+ g5 2.hxg6#
- . 1.Rh7+ Kg5 2.h4#
- . 2.Qh5+ Kg8 3.Re8#
- . 1.Rf7+ Kg8 2.Qe8#
- . 1.Qxd8+ Kxd8 2.Re8#
- **316.** 1.Qxa7+ Kxa7 2.Ra3#
- . 1.Bc8+ Ka8 2.Ba6#
- . 1.Nb5 Kb8 2.Rf8#
- . 1.Be5+ Ka7 2.Ra1#
- . 1.Qxb6+ Kxd5 2.Qxb5#
- . 1.Be5+ Bg7 2.Rf8#

- . 1.Qh5+ Kxh5 2.Rxh7#
- . 1.Rxg8+ Kxg8 2.Qe8#
- . 1.Qd7+ Kf8 2.Qd8#
- . 1.Bh6+ Kh7 2.Bf8#
- . 1.Bg8 Rxh4 2.Nf7#
- . 1.Re8+ Nxe8 2.Qf8#
- . 1.Re8+ Rb8 2.f4#
- . 1.Bd4+ Kb8 2.Re8#
- . 1.Bf6+ Kg6 2.Bf7#
- . 1.Nxa7+ Nxa7 2.Nb6#
- . 1.Ne7+ Kf8 2.Ng6#
- . 1.Qg8+ Qe8 2.Qxe8#
- . 1.hxg6+ Kg5 2.Rh5#
- . 1.Rxa6+ bxa6 2.Qc7#
- . 1.Rxa7+ Rxa7 2.Qc8#
- . 1.Qd8+ Rxd8 2.Rxd8#
- . 1.Nxd7+ Nxe2 2.Nf6#
- . 1.Rh5+ gxh5 2.g5#
- . 1.Bf4+ gxf4 2.gxf4#
- . 1.Nd7+ Ke8 2.Rg8#
- . 1.Qxg6+ hxg6 2.Bxg6#
- . 1.Rb6+ Ke7 2.Ra7+ Kd8 3.Rb8#

- . 1.Rc6 Kg7 2.Ra7+ Kf8 3.Rc8#
- . 1.Re6+ Kd7 2.Qc6+ Kd8 3.Re8#
- . 1.Qb6+ Kd7 2.Rd8+ Ke7 3.Qd6#
- . 1.Qb5 Ka7 2.Kc6 Ka8 3.Qb7#
- . 1.Be6+ Kb8 2.Bd6+ Ka8 3.Bd5#
- . 1.Ng6+ Kh7 2.Nf8+ Kh8 3.Bf6#
- . 1.Ndf6+ Kh8 2.Ne7 d1=Q 3.Ng6#
- . 1.Qb3 g3 2.Qc2 g2 3.Qc1#
- . 1.Rg7+ Kh8 2.Rh7+ Kg8 3.Rh8#
- . 1.Qf8+ Kxf8 2.Bd6+ Ke8 3.Rf8#
- . 1.Qd7+ Qf7 (1...Kxh8 2.Qh7#) 2.Qxf7+ Kxh8 3.Qh7#
- . 1.dxe5
- . 1.Bxe4
- . 1.Nxe7
- . 1.Bxd5
- . 1.Nxf8
- . 1.Bxa8
- . 1.Qxe8 Qxe8 2.Rxe8
- . 1.Qxf3 Qxf3 2.gxf3
- . 1.Bxc6+ Bxc6 2.Nxc6
- . 1.Qxa8 Qxa8 2.Bxa8

- . 1.Nxf6 Bxf6 2.Rxf6
- . 1.Qxd5 Qxd5 2.Nxd5
- . 1.Rd2+ Kc6 2.Rxd8
- . 1.Rh7+ Kc6 2.Rxa7
- . 1.Bb3+ Ke5 2.Bxg8
- . 1.Be8+ Kc5 2.Bxa4
- . 1.Qd2+ Ke6 2.Qxd8
- . 1.Qa8+ Ke3 2.Qxh1
- . 1.Bb6+ Kd3 2.Bxf2
- . 1.Rh7+ Kf6 2.Rxb7
- . 1.Qg2+ Kf4 2.Qxa8
- . 1.Bd6 Qc8 2.Bxb8
- . 1.Qxg8+ Kf5 2.Qxg3
- . 1.Re5 Qd6 2.Rxa5
- . 1.Rb1 Kc6 2.Rxb4
- 380. 1.Bd3 (1.Bg2? Re6) 1...Kg8 2.Bxe4
- . 1.Qh3 Rd6 2.Qxg4+
- . 1.Bb1 Bg6 2.Bxe4
- . 1.Re1 Qxe1+ 2.Rxe1+
- . 1.Qf3 Nxb4 2.Qxe4+
- . 1.Re1 Qe7 2.Rxe7+
- . 1.Bc4 Qg7 2.Bxd5

- . 1.d4 Kd7 2.dxe5
- **388.** 1.Ne5 a6 2.Bxc6+
- . 1.Qxg2
- . 1.Qxc6
- . 1.Nxc7+ Kb8 2.Nxe8
- . 1.Nh6+ Kg7 2.Nxf7
- . 1.Nf5+ Kg5 2.Nxd6
- . 1.Ne6 Rxd5 2.Nxg7
- . 1.Nd6 Qc6 2.Nxe8
- . 1.Ne4 Rdc6 2.Nxc3
- . 1.Ne6+ Ke8 2.Nxd8
- . 1.Nxf7 Qe7 2.Nxh8
- . 1.Ng5+ Kg6 2.Nxe6
- . 1.Nf7+ Ke7 2.Nxe5
- . 1.Nf7+ Kg7 2.Nxd8
- . 1.Ngf6+ (1.Ndf6+) 1...gxf6 2.Nxf6+ Ke7 3.Nxd7
- . 1.Re7+ Kc6 2.Rxh7
- . 1.Re8+ Kg7 2.Rxa8
- . 1.Rh5+ Qxh5 2.gxh5
- . 1.Be4+ Kb6 2.Bxg2
- . 1.Bd6+ Ke8 2.Bxb4

- . 1.Bc3+ Ka4 2.Bxe1
- . 1.Qg3+ Kf8 2.Qxb8+ Kg7
- . 1.Qc8+ Kg7 2.Qxg4
- . 1.Kb2 Be6 2.Kxc3
- . 1.Kg7 Re8 2.Kxf6
- . 1.f4 Ref5 2.fxg5
- . 1.c5 Bd8 2.cxd6
- . 1.Ng6+ fxg6 2.Rxe8+
- . 1.Bh7+ Kxh7 2.Qxd4
- . 1.Rh4+ Kg8 2.Qxc6
- . 1.Kb5+ Kb7 2.Kxb4
- . 1.gxf5+ Kf7 2.fxe6+
- . 1.Nc6+ Qe7 2.Nxe7
- . 1.d5 Qe7 2.dxc6
- . 1.Nxg6 Qd6 2.Nxf8
- . 1.Bf3 Qf6 2.Bxa8
- . 1.Nf6#
- . 1.Rg6#
- . 1.Nd6+ Kd8 2.Nxb7#
- . 1.Rd8+ Rxd8 2.Qxc3
- . 1.Rxa7+ Kxa7 2.Rxc6
- . 1.Bc7+ Kxc7 2.Qxe5+

- . 1.Rh8+ Kxh8 2.Qxf7
- . 1.Bxc6+ bxc6 2.Qxd4
- . 1.Bd6+ Kg8 2.Rxe8+
- . 1.Bxf7+ Kxf7 2.Qxd8
- . 1.Nxe8 Rxe8 2.Qxf7
- . 1.Rd8+ Bf8 2.Qxb2
- . 1.Bxc6 Bxc6 2.Nxe5
- . 1.Re8 Qxe8 2.Qg7#
- . 1.Nxf6+ Qxf6 2.Qh7#
- . 1.Rxc6+ Kxc6 2.Be8+ Kc5 3.Bxa4
- . 1.Rxd5 Rxd5 2.Qe4 Rd8 3.Qxb7
- 441. 1.Rxg4 Rxg4 2.Qh3 Rd6 3.Qxg4+
- . 1.Nxe5 Qxe5 2.Re1 Qe7 3.Rxe7+
- . 1.Rxe8 Kxe8 2.d4 Kd7 3.dxe5
- . 1.Rh8+ Kxh8 2.Qxg2
- . 1.Rd8+ Kxd8 2.Qxc6
- **446.** 1.Qxa8+ Kxa8 2.Nxc7+ Kb8 3.Nxe8
- . 1.Rxb4 Nxb4 2.Bd6+ Kf7 3.Bxb4
- . 1.b6 Bxb6 2.c5
- . 1.Rh8+ Kxh8 2.Rh4+ Kg8 3.Qxc6
- . 1.Rxe6 Qxe6 2.gxf5+ Kf7 3.fxe6+

- . 1.Nc4 Rxa2 2.Re8#
- . 1.Rd7 Qe5 2.Rxh7#
- . 1.Qe4 Bg6 (1...Nxc3 2.Qxh7#) 2.Qxd5
- . 1.Qe2 h6 (1...Rxh2 2.Qe8#) 2.Qxh5
- **455.** 1.Qe4 g6 (1...Rb8 2.Qxh7#) 2.Qxa8
- . 1.Bc7 g6 (1...Qxc7 2.Qxg7#) 2.Bxb6
- . 1.Qc5 Be5 (1...Re8 2.Qxc7#) 2.Qxf8+
- . 1.Rf7 Qxe8 2.Rh7#
- . 1.Qg5 Kf8 (1...Re8 2.Qxg7#) 2.Qxd8+
- . 1.Re6 Ng4 2.Ra6+ Kb7 3.Rxa5
- . 1.Be4 Rb8 2.Bd5+ Kf8 3.Bxa2
- . 1.Nd5 Rd4 2.Nc7+ Kb8 3.Nxe8
- . 1.Qxd7+ (1.Nxc5? Bxg4) 1...Kxd7 2.Nxc5+
- . 1.Rf2+ (1.Rxb7? Rxa1) (1.Rxa6? Rxb2) 1...Rf7 (1...Kg7 2.Rxa6) 2.Rxf7+ Kxf7 3.Rxa6
- . 1.Qxg6+ (1.Rxc7? Rxd3) 1...hxg6 2.Rxc7
- . 1.Ng6+ (1.Rxc6? Rxf4) 1...Kh7 2.Rxc6
- . 1.Qxg6+ (1.Qxd8? Qxg2#) 1...Kxg6 2.Rxd8
- . 1.Qxg7+ (1.Rxd7? Bxc3) 1...Kxg7 2.Rxd7
- . 1.Rc3+ (1.Rxd6+? Bxd6 2.Rxf8 Bxf8) 1...Kb6 2.Rxf8
- . 1.Qxc5 (1.Bxc8? Bxe3) 1...Qxf5 (1...bxc5 2.Bxc8) 2.Qxe7
- . 1.Bf4+ (1.Rxd8? Ra1+ 2.Rd1 Rxd1#) 1...Kg6 2.Rxd8

- . 1.Nc6+ (1.Qxe8? Qxd4+) 1...Kb7 2.Qxe8
- 473. 1.Qxg6 (1.Bxb6? Bxe4) 1...Qxe3 (1...hxg6 2.Bxb6) 2.Qxe8+ Rxe8 3.fxe3
- **474.** 1.h4+ (1.Rxa7? Rd1#) 1...Kxh4 2.Rxa7
- . 1.g4 Bxg4 2.hxg4
- . 1.Bf3 Bb7 2.Bxb7
- . 1.Bg5 Qg6 2.Bxg6
- . 1.f3 Nxg3 2.hxg3
- . 1.Bb6 Qxa4 2.Qxa4
- . 1.a5 Bxf2+ 2.Rxf2
- . 1.Na4 Qxa1 2.Qxa1
- . 1.c4 Qd8 2.c5 Bxc5 3.bxc5
- . 1.f3 Kf7 2.Kf2 Ke6 3.Kg1 Nxf3+ 4.gxf3
- . 1.b3 b6 2.Kc1 Ke7 3.Kb2
- . 1.Bd5 Kg7 2.b4
- . 1.Bb3 a5 2.Nd3
- . 1.c8=R
- . 1.f8=N+ (1.f8=Q? Qf5+ 2.Qxf5+ Kxf5) 1...Kf7 2.Nxd7
- . 1.Bxb6 axb6 2.a7
- . 1.Re6+ Rxe6 2.g8=Q
- . 1.Qxb7 Qxb7 2.a8=Q+
- . 1.Nxg7+ Nxg7 2.h6 Kf8 3.h7
- . 1.Be4 Bxe4 2.c8=Q

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494. 1.Qxc8+ Qxc8 2.Rd8+ Kf7 3.Rxc8 Nd5 4.Rf8+ Kxf8 5.c8=Q+
```

. 1.Qxe6 fxe6 (1...Qb1+ 2.Kh2 (2.Rf1 Qxf1+ 3.Kxf1 fxe6) 2...fxe6 3.f7) 2.f7 Qb1+ 3.Kh2 (3.Rf1 Qxf1+ 4.Kxf1 Kg7) 3...Qe1 4.f8=Q

. 1.Re8+ Rxe8 2.Rc8+ Kxc8 (2...Ke7 3.fxe8=Q+) 3.fxe8=Q+

. 1.Bd7 Kd6 (1...Nxd7 2.e8=Q) 2.e8=Q Nxe8 3.Bxe8

. 1.Bh5 Bc4 (1...gxh5 2.g6 hxg6 3.h7) 2.Bxg6 Bg8 3.Bxf5

. 1.Bf8 (1.b8=Q+? Rxb8) 1...Rh7+ 2.Bg7 Kb6 3.b8=Q+

. 1.Bd5+ Kh8 2.Bxd4

. 1.Bf7+ Kh8 (1...Qxf7 2.exf7+) 2.Qxg7#

. 1.Nd5+ Bxd5 (1...exd5 2.a8=Q) 2.cxd5 exd5 3.a8=Q

. 1.Ng6+ hxg6 2.Qxg7#

504. 1.Bb8 Rd7 (1...Qd5 2.Qxe7) 2.Qxa8

. 1.Bb4 axb4 2.Qxe7#

. 1.Rd5 (1.a8=Q? Bxa8 2.Rxa8 Rxd7) (1.d8=Q? Rxd8) 1...Rxd5 (1...Bxd5 2.d8=Q) 2.a8=Q

. 1.Re8+ Bxe8 2.Qg8#

. 1.Bf4 (1.h6? f4 2.h7 (2.Bxf4 Kxf4 3.h7 f5) 2...f5 3.Bf2 Be5) 1...Kxf4 2.h6 Kg5 3.h7

509. 1.Rd8+ Bxd8 (1...Rxd8 2.Qxb7) 2.Qe8#

. 1.Bd6 Rxd6 (1...Qxb3 2.Rf8#) 2.Qb8+ Qc8 3.Qxc8+ Rd8 4.Qxd8#

. 1.Rf2 Nxc2 2.Rxc2

. 1.Bb3 Rxd1 2.Bxd1

. 1.Qd1

- . 1.Rf3 Rxf3 2.exf3
- . 1.Nd4
- . 1.Qd8+ Kh7 2.Ne5
- . 1.Ng5+
- . 1.Nd3 Rxc2 2.Nxe5
- . 1.Rd1 Rxd6 (1...Nd4 2.Nxb7) (1...Ne5 2.Be2) 2.Bh7+ Kxh7 3.Rxd6
- . 1.Rc1 Kd7 2.Rxc6
- . 1.Rxh6+ gxh6 2.Qe1
- . 1.a3 Ba5 2.b4 dxc3 3.bxa5
- . 1.Rf3+ Qxf3
- . 1.Qg5+ Kh8 2.Qf6+ Kg8 3.Qg5+
- . 1.Qxg8+ Kxg8
- **526.** 1.Rxg7+ Kh8 2.Rxh7+ Kg8 3.Rhg7+
- . 1.Qe8+ Kh7 2.Qh5+ Kg8 3.Qe8+ Kh7 4.Qh5+
- . 1.Kc2
- . 1.Bh7+ Kh8 2.Bf5+ (2.Bg6+? Rh5 3.Rxh5+ Qxh5) 2...Kg8 3.Bh7+
- . 1.Qf2+ Qxf2
- . 1.Rc3+ Kxc3
- $\bf 532.~1.Rxg6+~fxg6$ (1...Kh7~2.Rf6+~Kg7~3.Rxf3) (1...Kh8~2.Rh6+~Kg7~3.Qh7#) 2.Qxg6+~Kh8~3.Qh6+~Kg8~4.Qg6+
- . 1.Qb8+ (1.Qa5+? Qa6) 1...Kxb8
- . 1.Nc6+ Kc8 2.Nxa7+ Kb8 3.Nc6+ Kc8 (3...Ka8 4.Ra7#) 4.Na7+ Kd8 5.Nc6+

- . 1.Re8+ Kb7 2.Re7+ Kc6 3.Rxh7
- **536.** 1.Rxg7+ Kh8 2.Rxh7+ Kg8 3.Rbg7#
- . 1.Ra1+ Kb7 2.Rb1 Kc6 3.Rxb4
- . 1.Bb5 Qd7 2.Bxd7+
- . 1.Qh5+ Kg7 2.Qxg6+ Kh8 3.Qh7#
- . 1.Qxe5 Nxe5 (1...Bxd5 2.Qxd5) 2.Ne7+ Kh7 3.Nxc6
- . 1.d8=Q h1=Q (1...Kf3 2.Qa8+ Kf2 3.Qh1) (1...Ke3 2.Qa8 Kf2 3.Qh1) 2.Qa8+ Ke3 3.Qxh1
- . 1.Nd5 Qd8 2.Nxf6+ Qxf6 3.Qh7#
- . 1.Qh1 Rd8 2.Qh7+ Kf8 3.Qxf7#
- . 1.Qxe7 Qe2 (1...Rxe7 2.Rd8+ Re8 3.Rxe8#) 2.Qxe2 Rxe2 3.Rd8+ Re8 4.Rxe8#
- . 1.Bb5 Qxb5 2.Nxc7+ Kd8 3.Nxb5
- . 1.Nb5+ axb5 2.Bxe5
- . 1.Qxg7+ Kxg7 2.Nf5+ Kg8 3.Nh6#
- . 1.Re8+ Nxe8 2.Rxe8+ Bf8 3.Rxf8#
- . 1.Qxd4+ (1.Bb6+? Kxb6 2.Qxd4+ Bxd4) 1...Kxd4 2.Bb6+ Kd3 3.Bxf2
- . 1.Nxe5 dxe5 2.Bxf7+ Kxf7 3.Qxd8
- . 1.Nd5 d2 (1...Kh8 2.Ndf6 d2 3.Ne7 d1=Q 4.Ng6#) 2.Ndf6+ Kh8 3.Ne7 d1=Q 4.Ng6#
- . 1.Qxc8+ Rxc8 2.Ne6+ Kf7 3.Nxg7
- . 1.Nf8+ Kh8 2.Qh7+ Nxh7 3.Ng6#
- . 1.Ne7+ Kh8 2.Qxh7+ Kxh7 3.Rh4#
- . 1.Rd8+ Kxd8 2.Qxf7

- . 1.Rd8+ Kh7 2.Ng5+ Kg6 3.Nxe6
- . 1.Rh8+ Bxh8 2.Qh1 Rd8 3.Qh7+ Kf8 4.Qxf7#
- . 1.Rxf6+ Kxf6 2.Bg5+ Ke6 3.Bxd8
- . 1.Rg7 Qf8 2.Rxg3
- . 1.Rcf1+ Ke6 2.Re1 Qxe1+ 3.Rxe1+
- . 1.Qf6+ Kg8 2.Rg1+ Qg3 3.Rxg3#
- . 1.Rh8+ Kxh8 2.Rf8+ Kh7 3.Qh3#
- . 1.Rxh3 Rxh3 2.Bxe6+ Kf8 3.Bxh3
- . 1.Rxg6+ Kxg6 2.Qxg8+ Kf5 3.Qxg3
- **565.** 1.Qxf8+ Rxf8 2.Rxf8+ Bxf8 3.Rd8#
- . 1.Bxa6 bxa6 2.Nxc7+ Kd7 3.Nxa8
- . 1.Bb2+ Kg6 2.Bxh8
- . 1.Bg6+ hxg6 2.Qxd8
- . 1.Bxb5 Qa5+ 2.Nc3
- . 1.h3 Rg6 2.Rxf4
- . 1.Rg6+ Kh7 2.Rg7+ Kh8 3.Rh7+ Kg8 4.Rh8#
- . 1.Bxf6 gxf6 2.Nxf6+ Kh8 3.Nxd7
- . 1.Qxh7+ Kxh7 2.Bxf7#
- . 1.Bxf7+ Nxf7 2.Ne6 Nf6 3.Nxd8
- **575.** 1.Bf5 Re8 (1...Qf4 2.Bxc8) 2.Qxe8 Qxf5 3.Qxf8+ Kxf8 4.Nxf5
- **576.** 1.Bg2+ Kc7 2.Bxa8
- . 1.Qh5 h6 2.Qg6 hxg5 3.Qh5#

- . 1.Qxf7+ Kh8 2.Qg8+ Rxg8 3.Nf7#
- . 1.Qxf4 gxf4 2.Bxd7
- . 1.h8=Q (1.Kg7? Nxh7) 1...Rxh8+ (1...Nd7+ 2.Kg7) 2.Kg7 Re8 3.Kxf6
- . 1.Bg6+ Kg8 2.Qh7+ Kf8 3.Qxf7#
- . 1.Re7+ Kb8 2.Rg7 Qf8 3.Rxg3
- . 1.Rh7+ Ka8 (1...Kc8 2.Rxc6+ Nxc6 3.Rc7+) 2.Rxa7+ Kxa7 3.Rxc6
- . 1.Qxf6+ Kxf6 2.Bb2+ Kg6 3.Bxh8
- . 1.e7+ Kh7 2.e8=Q
- . 1.Nc3+ Bxc3 2.Rb8+ Ka4 3.Rxb1
- . 1.Rxe8+ Rxe8 2.Bd6+ Kg8 3.Rxe8+
- . 1.Rxc8 Rxc8 2.Bxd4
- . 1.Qf8+ Rxf8 (1...Kxf8 2.Rh8#) 2.Ne7#
- . 1.Rxd5 Rxd5 2.Qe4 g6 (2...Rdd8 3.Qh7#) 3.Qxd5
- . 1.Bxf7+ Qxf7 2.Rd8+ Kxd8 3.Qxf7
- . 1.Rxg7+ Kxg7 (1...Kh8 2.Qh6) 2.Qg5+ Kh8 3.Qf6+ Kg8 4.Rg1+ Qg3 5.Rxg3#
- . 1.d5 Bd7 2.dxc6
- . 1.Rxe4 Rxe4 2.Bd3 Kg8 3.Bxe4
- . 1.Ra6+ Rxa6 2.Qb7#
- . 1.Nxe5 Bxd1 (1...dxe5 2.Qxg4) 2.Bb5+ Qd7 3.Bxd7+ Kd8 4.Nxf7+ Kxd7 5.Kxd1
- . 1.Rd1 Qxc3 2.Rxd7+ Kf6 3.bxc3
- . 1.Qxb8+ Nxb8 2.Nxd4

- . 1.Bxf6 Bxd1 2.Bxd8 Bxc2 3.Bxc2
- . 1.Bh7+ Kh8 2.Bg6+ Kg8 3.Qh7+ Kf8 4.Qxf7#
- . 1.Qxd5 Qxd5 2.Nxc7+ Kd8 3.Nxd5
- . 1.Qg8+ Kd6 2.Qxb3
- . 1.Rh8+ Kxh8 2.Bxg7+ Kxg7 3.Qxd5
- . 1.Rc8+ Bf8 2.Bh6 f5 3.Rxf8#
- . 1.Ne6 fxe6 2.Qh5+ g6 3.Qxg6#
- **606.** 1.Qd8+ Bxd8 2.Rf8+ Rxf8 3.Ng7#
- . 1.Qd5+ Bxd5 2.Bxd5+ Kh8 3.Rf8+ Rxf8 4.Rxf8#
- . 1.Bxf6 Qxf6 2.Rxg2
- . 1.Qg3 Qxg3 (1...Ne8 2.Qxc7 Nxc7 3.Nxe7+) (1...Re8 2.Qxg7#) 2.Nxe7+ Kh8 3.fxg3
- 610. 1.Bf8+ Bh5 2.Qxh5+ gxh5 3.Rh6#
- . 1.Nf6+ gxf6 2.Qxh7#
- . 1.Qxd5 exd5 2.Bb5+ Kd8 3.Re8#
- **613**. 1.Nc5 Qd8 (1...f6 2.Nxd7 fxg5 3.Qxf8+ Rxf8 4.Nxb6) (1...Nxc5 2.Qf6) 2.Nxd7 Qxd7 3.Qf6 Rfc8 4.Qg7#
- . 1.Ne5+ Kg8 2.Nxg4 Nxg4 3.Qxg4
- . 1.Bxc6+ bxc6 2.Kxf2
- . 1.Nxf7+ Kg8 2.Nh6#
- . 1.Ne6 Kxe6 2.Qd5+ Kf6 3.Qf5#
- 618. 1.Rd3 (1.Qxh7+? Kxh7 2.Rd3 g5) 1...a2 2.Qxh7+ (2.Rh3? a1=Q+) 2...Kxh7 3.Rh3#
- . 1.Qxf8 Qxf8 2.c8=Q+

- . 1.Qf8+ Rxf8 2.Rxf8+ Rxf8 3.Rxf8#
- . 1.Qxf8+ Kxf8 2.Re8+ Kg7 3.Rg8#
- . 1.Nxe5 dxe5 (1...Bxd1 2.Bf7#) 2.Qxg4
- . 1.Nxg4 Nxg4 2.dxc5 Bxc5 3.Qxg4
- . 1.Bxg6+ Kxg6 2.Qc2+ Kg7 3.Qxc6
- . 1.Qg6+ Kh8 2.Ng5 Rf7 3.Nxf7#
- . 1.Qa4+ Nc6 2.Qxc6+
- . 1.Rh8+ Kxh8 2.Qh1+ Kg8 3.Qh7#
- . 1.Rg7+ Kh8 2.Rg6+ Rf6 3.Bxf6#
- . 1.Kb3 Qe5 2.Qd1#
- . 1.Ndb5+ axb5 2.Nxb5+ Ke7 3.Nxc7
- . 1.Ng6 Nf6 2.Rh8#
- . 1.Bh7+ Kh8 2.Bg8 f5 3.Nf7+ Rxf7 4.Bxf7
- **633.** 1.Re7 g6 (1...Qd6 2.Qxh7#) 2.Rxd7
- . 1.Nxd4 Bxd1 2.Bb5+ Qd7 3.Bxd7+ Kxd7 4.Kxd1
- . 1.Rf8+ Bxf8 2.Qf7+ Kd8 3.Qd7#
- . 1.Qb8+ Kh7 2.Bb1 Bg6 3.Bxe4
- . 1.Re8+ Kf6 2.Rxe3
- . 1.Qh6+ Kg8 2.Bh7+ Kh8 3.Bg6+ Kg8 4.Qh7+ Kf8 5.Qxf7#
- . 1.Bh7+ Kxh7 2.Qxf8
- . 1.Qf7+ Kh8 2.Qf8+ Rxf8 3.Rxf8+ Rxf8 4.Rxf8#
- . 1.Ng5+ hxg5 2.Qh5#

- . 1.Bxe4 Qxe5 2.Bxb7
- . 1.Ne5+ Ke8 2.Nxg4
- **644.** 1.Rxc8+ Kxc8 2.Be6+ Kb8 3.Qxc5
- . 1.Bxf7+ Kxf7 2.Ne6 Kxe6 3.Qd5+ Kf6 4.Qf5#
- . 1.Qh6 Rg8 2.Rd3 (2.Qxh7+? Kxh7 3.Rd3 g5) 2...a2 3.Qxh7+ (3.Rh3? a1=Q+) 3...Kxh7 4.Rh3#
- . 1.Rxg7+ Kh8 2.Rxf7+ Kg8 3.Rg7+ Kh8 4.Rg6+ Rf6 5.Bxf6#
- . 1.Qf8+ Kb7 2.Qf3 c6 3.Qxe4
- . 1.Bh5+ Kg8 2.Re8+ Qf8 3.Rxf8#
- . 1.Rxf8+ Rxf8 2.Rxf8+ Qxf8 3.Nxg6+ Kg7 4.Nxf8
- . 1.Qxh7+ Kxh7 2.Rh5#
- . 1.Bxd7 Qxe5 (1...dxe3 2.Qxe4 exf2+ 3.Kxf2) 2.Bd2
- . 1.Rxh7+ Kxh7 2.Qh1+ Kg6 3.Qh5#
- . 1.Qxd5 Qxd5 2.Nf6+ Kg7 3.Nxd5
- . 1.Rh8+ Kxh8 2.Rh1+ Kg8 3.Rh8+ Kxh8 4.Qh1+ Kg8 5.Qh7#
- **656.** 1.Qxa6 bxa6 2.Ba5 Rcd7 3.Bxd8 Rxd8
- . 1.Qxf6 gxf6 2.Ne7+ Kg7 3.Nxd5
- . 1.Qc8+ Qf8 2.Bh7+ Kxh7 3.Qxf8
- . 1.Nc7+ Qxc7 2.Qxa8+
- . 1.Qxa6+ bxa6 2.Nb5+ Ka8 3.Ra7#
- . 1.Qe4 Rd8 2.Qxb7
- . 1.Rxd5 Qxd5 2.Ng5+ Bxg5 3.Bxd5

- . 1.Rxe8+ Rxe8 2.Bd6+ Kg8 3.Rxe8+
- . 1.Bb5+ Bd7 2.Bxd7+ Kxd7 3.Qxd4
- 665. 1.Bh6+ Kf7 (1...Kg8 2.Re8+ Kf7 3.Bh5#) 2.Bh5+ Kg8 3.Re8+ Qf8 4.Rxf8#
- . 1.Qa4 a6 2.Bxc6 b5 3.Bxd7
- . 1.Qh8+ Kxh8 2.exf8=Q#
- . 1.Bxf7+ Kxf7 2.Ng5+ Ke8 (2...Kf8 3.Ne6+ Ke8 4.Nxd8) (2...Kf6 3.Qf3#) 3.Ne6 Nf8 4.Nxd8
- 669. 1.Qf5+ Kh8 (1...g6 2.Qxg6+ Kh8 3.Qg8#) 2.Qc8+ Kh7 3.Qg8#
- . 1.Nxd5 (1.e4? Nxc3) 1...Qxd5 2.e4 Bb4+ 3.Bd2 Bxd2+ (3...Bxe4 4.Bxb4) 4.Qxd2 Bxe4 5.dxe4
- 671. 1.Qd8+ Kxd8 2.Bg5+ Kc7 (2...Ke8 3.Rd8#) 3.Bd8#
- . 1.e5 Ne8 2.exd6
- . 1.Qe4 g6 (1...Rc5 2.Qxh7#) 2.Qxc6
- . 1.Rxf7 Kxf7 2.Rh7+ Kf6 3.Rxb7
- . 1.Bxh7+ Kxh7 2.Qh5+ Kg8 3.Qh8#
- . 1.Ba3 Qxa3 (1...Qa5 2.Bxf8) 2.Bxh7+ Kxh7 3.Qxa3
- . 1.Qxh6 Bxh6 2.Rxh6 Qxe5 3.Rh8#
- 678. 1.Qd5 Qe7 (1...Ng5 2.Nxg5) 2.Qxe4 cxb2 3.Bxb2 Qb4+ (3...d5 4.Bxd5) 4.Bc3
- . 1.Qd6+ Kf7 2.Qe6+ Kg7 3.Qg6#
- . 1.Ra6 Qxb5 2.Rxg6
- . 1.Qd5+ Kg7 2.Qxa8
- . 1.Nxd3 Rxd3 2.Rb8+ Kh7 3.Be4+ f5 4.Bxd3

- . 1.Qxh7+ Kxh7 2.Rh5+ Kg8 3.Rh8#
- . 1.Nxd4 Qxd4 2.Bb5+ Bd7 3.Bxd7+ Kxd7 4.Qxd4
- . 1.Nc7+ Ka7 2.Qxa6+ bxa6 3.Nb5+ Ka8 4.Ra7#
- . 1.Nxe5 Qxe5 2.Nb5+ axb5 3.Bxe5
- **687**. 1.Qxf6+ gxf6 2.Bh6+ Kf7 (2...Kg8 3.Re8+ Kf7 4.Bh5#) 3.Bh5+ Kg8 4.Re8+ Qf8 5.Rxf8#
- . 1.Qxe6+ Kg6 2.Bd3+ Kh5 3.Qh3#
- . 1.Qxd7+ Kxd7 2.dxc5+ Kc7 3.cxb6+
- . 1.Qh6 Bf6 (1...gxh6 2.Nxh6#) 2.Bxf6 gxh6 3.Nxh6#
- . 1.Qh2+ Qh6 2.Qxh6+ Kg8 3.Qh7+ Kf8 4.Qf7#
- . 1.Rf8+ Kxf8 2.Qh8#
- **693**. 1.Bf7+ Kh7 (1...Kh8 2.Qe8+ Kh7 3.Qg8#) 2.Qf5+ Kh8 (2...g6 3.Qxg6+ Kh8 4.Qg8#) 3.Qc8+ Kh7 4.Qg8#
- . 1.Nxe5 Qxe5 2.Re1 Qe7 3.Rxe7+
- . 1.Qh7+ Kf8 2.Qh8+ Ke7 3.Qxg7#
- . 1.Qxf7+ Rxf7 2.Ra8+ Rf8 3.Rxf8#
- . 1.Rh7+ Kxh7 2.Qxf7+ Kh6 3.Rh1#
- . 1.f4 Nc6 (1...Neg4 2.e5 Bc5 3.exf6 Nf2+ 4.Rxf2) 2.e5 Ne8 3.exd6
- . 1.Qd4+ Kg8 2.Qd5+ Kg7 3.Qxa8
- . 1.Qg4 f6 (1...Be6 2.Qxg7#) 2.Nh6+ Kh8 3.Qxd7
- . 1.Ne7+ Qxe7 2.Qxh7+ Kxh7 3.Rh5+ Kg8 4.Rh8#
- . 1.Ne5+ Kh8 2.Qg8+ Rxg8 3.Nf7#
- . 1.Rh5+ Kg8 2.Rh8+ Nxh8 3.gxh8=Q#

- . 1.Nh6+ Kh8 2.Qg8+ Rxg8 3.Nf7#
- . 1.Qc3+ Qxc3 2.Rxf8+ Kc7 3.bxc3
- . 1.Qxc6 Qxc6 2.Nxe7+ Kh8 3.Nxc6
- . 1.Nxf7 Kxf7 2.Bg6+ hxg6 (2...Ke7 3.Bg5#) 3.Qxd8
- **708**. 1.Rxh8+ Kxh8 (1...Kg7 2.Qd7+ Qf7 3.Qxf7+ Kxh8 4.Qh7#) 2.Qh2+ Qh6 3.Qxh6+ Kg8 4.Qh7+ Kf8 5.Qf7#
- 709. 1.Nxf7 Kxf7 (1...Qa5+ 2.Bd2) 2.Qxe6+ Kg6 3.Bd3+ Kh5 4.Qh3#
- . 1.Rxg6 Rxg6 2.Bxf5+ Kd8 3.Bxg6
- . 1.Qxf7+ Kh8 2.Qh5+ Kg8 3.Qh7+ Kf8 4.Qh8+ Ke7 5.Qxg7#
- 712. 1.Nf6+ Bxf6 (1...Qxf6 2.Qd8+ Bxd8 3.Bb5#) 2.Qd8+ Bxd8 (2...Qxd8 3.Bb5#) 3.Bb5#
- . 1.Rxe5 dxe5 2.Rd1+ Ke7 3.Rxd8
- . 1.Bxf7+ Kxf7 2.Nxe5+ Kg8 3.Nxc6
- . 1.Qxf6 gxf6 2.Rg1+ Kh8 3.Bxf6#
- . 1.Nxe5 dxe5 (1...Bxd1 2.Bxf7+ Ke7 3.Nd5#) 2.Qxg4
- . 1.Nxc7 Qxc7 (1...Nxc4 2.Qxc4) 2.Bxe6+ Bxe6 3.Qxc7
- . 1.Bxf7+ Kxf7 2.Ne5+ Kg8 3.Nxg4 Nxg4 4.Qxg4
- . 1.Nf7+ Kg8 (1...Rxf7 2.Qd8+ Rf8 3.Qxf8#) 2.Nh6+ Kh8 3.Qg8+ Rxg8 4.Nf7#
- . 1.Qxh7+ Kxh7 2.Rh5+ Kg8 3.Rh8+ Nxh8 4.gxh8=Q#
- . 1.Rh8 (1.Rh7+? Kc6 2.Kc2 Kb6 3.Kb2 Rxa7) 1...Rxa7 (1...Kc7 2.a8=Q) (1...Ra2+ 2.Kc3 Ra3+ 3.Kb2 Rxa7 4.Rh7+) 2.Rh7+ Kc6 3.Rxa7
- . 1.Bxf7+ Qxf7 2.Rd8+ Kxd8 3.Qxf7
- . 1.Bc4 Qxa1+ 2.Kc2 Rd8 3.Bxd8 Kh7 4.Qg8+ Kg6 5.Bf7#

724. 1.Rh8+ Bxh8 2.Rxh8+ Kxh8 (2...Kg7 3.Qd7+ Qf7 4.Qxf7+ Kxh8 5.Qh7#) 3.Qh2+ Qh6 4.Qxh6+ Kg8 5.Qh7+ Kf8 6.Qf7#

725. 1.Bxh7+ Kxh7 2.Qxh5+ Kg8 3.Bxg7 Kxg7 (3...f6 4.Rf3 Qe8 5.Qh8+ Kf7 6.Qh7 Qb8 7.Qh5+ Kg8 8.Rg3) 4.Qg4+ Kh7 5.Rf3 e5 6.Rh3+ Qh6 7.Rxh6+ Kxh6 8.Qd7

726. 1.Bxh7+ Kxh7 (1...Kh8 2.Ng5 g6 3.Qg4 Kg7 4.Qh3) 2.Ng5+ Kg6 (2...Kg8 3.Qh5 Re8 4.Qxf7+ Kh8 5.Qh5+ Kg8 6.Qh7+ Kf8 7.Qh8+ Ke7 8.Qxg7#) 3.h4 Nxc3 (3...f5 4.h5+ Kh6 5.Nxe6+ Kh7 6.Nxd8 Nxc3 7.bxc3 Bxc3+ 8.Bd2 Bxa1 9.Qxa1) 4.Qg4 Ne4+ 5.Ke2 f5 6.h5+ Kh6 7.Nxe4+ Kh7 8.Qg6+ Kg8 9.h6 Rf7 10.Ng5 Qe8 11.h7+ Kh8 12.Nxf7+