

Step 1 mix

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- 1) 1. ♟xd6 (capture an unprotected piece)
- 2) 1. ♜f8# (mate in one)
- 3) 1. dxe6+ (twofold attack)
- 4) 1. ... ♞xd2! (1. ... ♞f6?) (defending: moving away)
- 5) 1. ♞xc6 (defending: capturing)
- 6) 1. ... ♞xe7 (getting out of check: moving away with a capture)
- 7) 1. exf6 (profitable exchange)
- 8) ♟g6-b1-a2+
- 9) 1. ♜g5# (mate in one)
- 10) 1. ♞a7 (defending: protecting)
- 11) 1. ♞a4 ♜a6# (mate in one)
- 12) 1. ... ♜h5# (mate in one)

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- 1) 1. ... ♟xf1
- 2) 1. ... ♜g7 (getting out of check: interposing)
- 3) ♜c8 / ♜g8
 ♜d1 / ♜h3
- 4) 1. ♞g6 (defending: moving away)
- 5) 1. ♟xd5 of 1. ♞xd5 (twofold attack)
- 6) 1. ... ♜b1# (mate in one)
- 7) 1. ... ♟c3 (defending: interposing)
- 8) 1. ♟xg7 (capture an unprotected piece)
- 9) 1. ♜a8# (mate in one)
- 10) ♞e8-h8-h3-c3+
- 11) 1. ... ♞f6 (defending: interposing)
- 12) 1. ... hxg1 ♜# (mate in one)

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- 1) 1. ... ♜f1#! (1. ... ♜xg2+? 2. ♜xg2) (mate in one)
- 2) 1. f5 (cashing in a passed pawn)
- 3) 1. ♜xc2 (capture an unprotected piece)
- 4) 1. ♟xd6 (defending: capturing)
- 5) Drawing
- 6) ♞b4xd3xf4xe6xd8xc6 (route via c6-d8 is wrong: ♞d3 protects ♟d8)
- 7) 1. ♞c2 (getting out of check: moving away)
- 8) 1. ... ♞d2# (mate in one)
- 9) 1. ♞xe7+ (profitable exchange)
- 10) ♞f2-h1-g3-h5+
- 11) 1. ♞a4 (defending: moving away)
- 12) 1. g3! (1. ♞g3? ♟xe3) (defending: protecting)

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- 1) 1. exf6 (profitable exchange)
- 2) 1. ... ♜xf4 (capture an unprotected piece)
- 3) 1. ... ♞d7! (1. ... ♞c6? 2. c8♜+) (getting out of check: defend against a passed pawn)
- 4) 1. ♜xg4# (mate in one)
- 5) ♜e8xb5xh5xf7xa7
- 6) 1. ... ♞h8 2. ♜f8# (mate in one)

- 7) 1. ... ♖h1# (mate in one)
- 8) 1. ♕xc6 ♕xc6 2. ♖xc6 (twofold attack)
- 9) 1. ♖d1 (defend against mate: protecting)
- 10) 1. ♖xb3 (defending: protecting with a capture)
- 11) 1. ... ♜g3# (mate in one)
- 12) 1. e4 (defending: interposing)

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- 1) ♖a7 / ♖h5
♗d1 / ♗e3
- 2) 1. ... ♕xa4 (capture an unprotected piece)
- 3) 1. ... ♖xa2# (mate in one)
- 4) 1. ♕xg3 (getting out of check: capturing)
- 5) 1. ... ♜xd4! (1. ... ♖g1+? 2. ♔xf3) (capture an unprotected piece)
- 6) 1. ♖h6# (mate in one)
- 7) ♖b8-b1-e4+
- 8) 1. ♕xg4 (defend against mate: capture the guard)
- 9) 1. ... ♕h3 (defending: interposing)
- 10) 1. ... ♕xe4 (twofold attack)
- 11) 1. ♕xg4 (defending: capturing)
- 12) 1. ♜b5 (defending: protecting)

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- 1) 1. dxc6 (profitable exchange)
- 2) 1. ♖c8+ ♖xc8 2. bxc8♖+ (cashing in a passed pawn)
- 3) 1. ... ♖xc2 (twofold attack)
- 4) 1. ... ♖g1# (mate in one)
- 5) 1. ♕xh3 (defend against mate: capture the guard / helper)
- 6) 1. ♔h4 ♖h5# (mate in one)
- 7) 1. ... f5 (defending: interposing)
- 8) 1. ♖f6# (mate in one)
- 9) 1. dxe5 (profitable exchange)
- 10) 1. ... ♖xd7! (1. ... ♜xd7? 2. ♕xd8) (getting out of check: avoid loss of material)
- 11) ♕b2-a3-f8-h6+
- 12) 1. ... ♖d6 (defending: protecting)

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- 1) stalemate
- 2) 1. ♜xe4 (profitable exchange)
- 3) 1. ♖e6# (mate in one)
- 4) 1. ♜xe3 (capture an unprotected piece)
- 5) 1. ... ♖f8! (1. ... ♔h7? 2. ♖xf7) (getting out of check: avoid loss of material)
- 6) ♖a8 ♕c6 / ♖h8 ♕e5
♖d1 ♕c4 / ♖h4 ♕e1/f2
- 7) 1. ♖e7# (mate in one)
- 8) 1. ♖h8# (mate in one)
- 9) 1. ♖xe2! (1. ♖c6+? ♔e6) (capture an unprotected piece)
- 10) 1. ... ♕c5 (defending: interposing)
- 11) 1. ♖c4 (defending: moving away)
- 12) 1. ♔e1 (defend against mate: moving away)

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- 1) ♖b3-a3-a8-h8+
- 2) 1. ... ♖xe5 (twofold attack)

- 3) 1. ♕xf3! (1. ♖c2? ♕g2#) (defend against mate: capture the helper)
- 4) 1. b4 (defending: protecting)
- 5) 1. ... ♗xd3 (profitable exchange)
- 6) 1. ♖xg7#! (1. ♖xb7?) (mate in one)
- 7) ♖f7xg6xf6xf1xe2
- 8) 1. ♖xa6 (defending: moving away with a capture)
- 9) 1. ♖g3# (mate in one)
- 10) 1. ... ♖xc2! (1. ... ♖xh2+? 2. ♖xh2) (capture an unprotected piece)
- 11) 1. ♖f1 (1. ♖h1 ♖xh2#) (getting out of check: avoid mate)
- 12) 1. ♕f3 (1. ♖e1? ♕xe1+; 1. ♖d3? ♕xe2+) (defending: interposing)

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- 1) 1. ... ♖xc7! (1. ... ♖xa6? 2. c8♖+) (getting out of check: avoid loss of material)
- 2) 1. ♗e5 ♕xe5 2. ♖xe5 ♖b6 3. b8♖+
- 3) 1. ♖xg3 (defending: moving away with a capture)
- 4) 1. ♗f2# (mate in one)
- 5) 1. ... ♖xf3 (profitable exchange)
- 6) 1. ... ♖e6 (1. ... ♖hg8? 2. ♖a1#) (defend against mate: interposing)
- 7) 1. ... b4 (defending: interposing)
- 8) ♗h7-f6-d7-b8+
- 9) 1. ♖h7 (getting out of check: interposing)
- 10) 1. ♕b4 (defending: protecting)
- 11) 1. ... ♕g5# (mate in one)
- 12) 1. ... ♖h8 2. ♖f8# (mate in one)

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- 1) 1. ♕f6# (1. ♖xa8? ♖xb3+!) (mate in one)
- 2) 1. ♖g3 (defending: moving away)
- 3) 1. ♕xb8 (capture an unprotected piece)
- 4) Drawing
- 5) 1. ♕xg6 (profitable exchange)
- 6) 1. ♖a8#! (1. ♖cxd8?) (mate in one)
- 7) 1. ♕xe4 (defending: protecting with a capture)
- 8) 1. ... f6 (defend against mate: interposing)
- 9) ♖a2-g2-b7+
- 10) 1. ♖d8# (mate in one)
- 11) 1. ♖b1 (1. ♖d1 ♖d2#) 1. ... ♖b2# (mate in one)
- 12) 1. ... ♖f8! (1. ... ♖xe8? 2. ♖xe8+ ♖f8 3. ♖xf8#) (getting out of check: avoid mate)

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- 1) 1. ♖a1 (defend against mate)
- 2) 1. ... ♖f1#; 1. ... ♖f1#; 1. ... ♖e3#; 1. ... ♖e2# (4x mate in one)
- 3) 1. ... ♖h1#
- 4) 1. ... ♖xd2 2. ♕xd2 ♖xd2 (twofold attack)
- 5) 1. ... ♕e8 (1. ... ♖e8? 2. ♖xd7) (getting out of check: avoid loss of material)
- 6) ♕a7-c5-b4-d2+
- 7) 1. ♕xf5 (defending: moving away with a capture)
- 8) 1. ♕xc8 (profitable exchange)
- 9) 1. ♖xb3! (1. ♕e6+? ♖xb7; 1. ♕xb3? ♖xb7) (capture an unprotected piece)
- 10) 1. ♖f2 (defending: X-ray protection)
- 11) 1. ... c6 (defending: interposing)
- 12) 1. ... ♕e5# (mate in one)

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- 1) 1. ♕d2 (defending: protecting)
- 2) 1. ... ♖xd6 (profitable exchange)
- 3) 1. ♖xc8 ♖xc8 2. ♖xc8+ (twofold attack)
- 4) 1. f3# (mate in one)
- 5) 1. ♖c3 (defending: moving away)
- 6) 1. ♖e3 (defend against mate: protecting)
- 7) ♖d4xb5xc7xe6xg7xf5
- 8) 1. ♖g2 (1. ♖xf3 h1♔+) (getting out of check)
- 9) 1. ♖h2 (1. ♖g1 ♖xg2#) 1. ... ♖f1# (mate in one)
- 10) 1. ... ♖c6 (defending: interposing)
- 11) 1. ♖d3# (mate in one)
- 12) 1. ♖xf3! (1. ♖d8+? ♖f8!) (capture an unprotected piece)

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- 1) ♖c5-a6-b4-c2+
- 2) 1. ♖e5 (1. e8♔? ♖h5#) (defend against mate: X-ray protection)
- 3) ♖d8 ♖b5 / ♖f6 ♖g7
♖b1 ♖d2 / ♖h4 ♖g2
- 4) 1. ... gxf3 (profitable exchange)
- 5) 1. ♖e8#! (1. ♖xd2?) (mate in one)
- 6) 1. ... ♖a5 (defending: moving away)
- 7) 1. ♖xf7+ (twofold attack)
- 8) 1. ♖a8# (mate in one)
- 9) 1. ... ♖c4 (defending: interposing)
- 10) 1. ♖d5+ (exploiting vulnerability)
- 11) 1. ♖xh6 (defending: protecting with a capture)
- 12) 1. ♖c6# (mate in one)

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- 1) 1. ... ♖xg2! (1. ... ♖d1+?) (defending: moving away with a capture)
- 2) 1. ♖e8# (mate in one)
- 3) 1. ♖e7 ♖xb2# (mate in one)
- 4) ♖d4-c6-e7-g6+
- 5) 1. ♖xh3 ♖d1+ 2. ♖g2 (defend against mate: capture the guard)
- 6) 1. ... ♖a8 (1. ... ♖d8 2. ♖xd8) (defend against a passed pawn)
- 7) 1. ... ♖e3 (defending: interposing)
- 8) 1. ♖c8# (mate in one)
- 9) 1. ♖xb8 ♖xb8 2. ♖xb8+ (twofold attack)
- 10) 1. ♖xb6 (defending: protecting with a capture)
- 11) 1. ... dxc3 (profitable exchange)
- 12) 1. ♖xa3! (1. ♖e8+? ♖f8) (capture an unprotected piece)

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- 1) 1. ... ♖d1#! (1. ... ♖xa6?) (mate in one)
- 2) 1. ♖xf6 ♖xf6 2. ♖xf6 (twofold attack)
- 3) 1. ♖xc4 (defending: capturing)
- 4) 1. ♖xd7 (profitable exchange)
- 5) 1. b4 (defending: interposing)
- 6) Drawing
- 7) ♖h2-h7-g8+
- 8) 1. ... ♖d3 (defending: moving away to a protected square)
- 9) 1. ♖xf1! (1. ♖xf1? ♖xe2) (getting out of check: avoid loss of material)
- 10) 1. ♖f1 (defend against mate: moving away)

- 11) 1. ... g5# (mate in one)
 12) 1. ♖xd7 (1. ♜c4 ♖d1+; 1. ♙xd7 ♖xd2) (twofold attack with X-ray protection)

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- 1) 1. ... ♗xb1# (mate in one)
 2) 1. ♙xf5 (capture an unprotected piece)
 3) ♙c5xe3xg5xh4xe7xb4
 4) 1. ♖xf1 gxf1 ♗+ 2. ♜xf1 (defend against a passed pawn)
 5) 1. ♗g8# (1. ♗h5+ ♜g7) (mate in one)
 6) 1. ♖a6 (defending: moving away to a protected square)
 7) ♙h7-c2-d1-g4
 8) 1. ... ♙xa1 (profitable exchange)
 9) 1. ♜e4 (defending: interposing)
 10) 1. g4 (defending: twofold protecting)
 11) 1. ♜xf7# (mate in one)
 12) 1. ... f5 (defend against mate: interposing)

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- 1) 1. ♙h6 (defending: moving away)
 2) 1. ♙xd7! (1. ♜xb6? ♜xb6) (capture an unprotected piece)
 3) 1. h4# (mate in one)
 4) 1. ♜c5 ♖g5# (mate in one)
 5) 1. ♗e4 (defend against mate: X-ray protection)
 6) 1. ♖d6 (defending: protecting)
 7) 1. ♖c8! (1. ♖h3? ♖h8) (cashing in a passed pawn)
 8) 1. ♗c8# (mate in one)
 9) 1. d4! (1. c3? ♜xc3) (defending: interposing)
 10) ♙a5-e1-h4-e7+
 11) 1. ♜f1! (1. ♜h1? ♖xe2) (getting out of check: avoid loss of material)
 12) 1. ... ♗e1+ 2. ♜f1 ♗xf1# (exploiting vulnerability)

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- 1) 1. ... ♜d5! (defending: moving away and interposing)
 2) 1. ♜xd6 (defending: protecting with a capture)
 3) 1. ... ♜g7 (defending: moving away)
 4) 1. ♖f5#! (1. ♖xg7?) (mate in one)
 5) 1. ♗c6#! (1. ♗xe2?) (mate in one)
 6) 1. ♗f2! (1. ♜f1? ♙d3#; 1. ♜h1? ♗e1+ 2. ♗f1 ♗xf1#) (getting out of check: avoid mate)
 7) 1. ♗h7# (mate in one)
 8) ♙h5-g6-c2-a4+
 9) 1. ... ♜xf6! (1. ... ♜xd2?) (profitable exchange)
 10) 1. ♗g2 (defend against mate: protecting)
 11) 1. g6#! (1. ♜xe5? ♙xe5) (mate in one)
 12) 1. ♜f3# (mate in one)

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- 1) 1. ♙c4 (defend against mate: protecting)
 2) 1. ♗e7# (mate in one)
 3) 1. ♜xc8 (defending: moving away with a capture)
 4) 1. gxf4! (1. ♖xe5? ♙xe5!) (profitable exchange)
 5) ♜f4-e2-c1-a2+
 6) 1. ... ♗h2#! (1. ... ♜xd7?) (mate in one)
 7) 1. ... f5+ 2. ♜xf5 gxf5+ (exploiting vulnerability)
 8) 1. ... ♙xh3 (capture an unprotected piece)

- 9) 1. ♖h2 (defending: protecting)
- 10) 1. ... ♜c6 (defend against a passed pawn)
- 11) 1. ♜d3# (mate in one)
- 12) 1. ♖d2! (1. ♜e3? ♜xe3+; 1. ♖c4? ♜xd1) (getting out of check: avoid loss of material)

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- 1) 1. ♜xf5! (1. ♜xb7? ♜f1#) (capture an unprotected piece)
- 2) 1. ♜xe7 ♜xe7 2. ♜xe7 ♖xe7 (twofold profitable exchange)
- 3) 1. ♖d3 ♜c4# (mate in one)
- 4) 1. ♜xb6 (defending: moving away with a capture)
- 5) 1. ♜xc6+! (1. ♜xf5? ♜xd1+) (capture an unprotected piece)
- 6) 1. ♜xb6! (1. ♜xf7? ♜xe1+) (capture an unprotected piece)
- 7) 1. ... f6 (defending: interposing)
- 8) ♜f3xd5xf7xc4xa6xb7
- 9) 1. ... ♜a1 (defend against mate: protecting)
- 10) 1. ... ♜d1+ 2. ♜e1 ♜xe1# (exploiting vulnerability)
- 11) 1. ♜xg3+ (defending: capturing)
- 12) 1. ... ♖f6! (1. ... ♖h7? 2. ♜f8#) (getting out of check: avoid mate)

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- 1) 1. b7! (1. bxc7? ♖d7) (cashing in a passed pawn)
- 2) 1. ♜f7#! (1. ♜xd6? c1♜) (mate in one)
- 3) 1. ♜d1 (defending: interposing)
- 4) ♜d8 ♖b6 / ♜h5 ♖f7
 ♜d3 ♜a3 or ♜c1 ♜c4 / ♜g3 ♜h4
 2nd edition
- 4) ♜d8 ♖b6 / ♜h8 ♖g7
 ♜b1 ♜c2 / ♜e1 ♜f2
- 5) 1. ♜xd6! (1. ♜xb5? ♜xd2) (capture an unprotected piece)
- 6) 1. ♜b8# (1. ♜xd8+? ♜xd8; 1. ♜c5+? ♜c6) (mate in one)
- 7) 1. fxg6 (defend against mate: protecting by line clearing with X-ray protection)
- 8) 1. ♜g7# (mate in one)
- 9) ♜h2-c7-d8+
- 10) 1. ... ♜dxd4 (1. ... ♜cxd4? 2. ♜xd5)
- 11) 1. ♖f2! (1. ♖e2? ♜xg2) (getting out of check: avoid loss of material)
- 12) 1. ♖g6 (1. ♖h8 ♜f7+ 2. ♖h7 ♜g5+ 3. ♖g6 is a loss of time: 3. ♖h6? ♖f7) (cashing in a passed pawn)

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- 1) 1. ... ♜xc5 (defending: moving away with a capture)
- 2) Drawing
- 3) 1. ♜a2# (mate in one)
- 4) 1. ♜h6 (defending: moving away)
- 5) 1. ♜xd4 (twofold attack)
- 6) 1. ♜h8+ (1. ♜a8+? ♜xa8+) 1. ... ♜g8 2. ♜xg8# (exploiting vulnerability)
- 7) 1. ♖g2! (1. ♖e2? f3#) (getting out of check: avoid mate)
- 8) ♜f8-e7-d8-b6+
- 9) 1. ♖d1 ♜b1#; 1. ♜f5 ♜h1# (mate in one)
- 10) 1. ♜f1 (defend against mate: interposing)
- 11) 1. ... f6+ 2. ♖f5 ♖f7
- 12) 1. ♜xg4! (1. ♜xc6? ♜xd1#) (capture an unprotected piece)

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- 1) 1. ♜d3# (mate in one)

- 2) 1. ♕h1 (defending: protecting by line clearing)
- 3) 1. ♖xd4 (1. ♔d3? ♗xf4) (getting out of check: avoid loss of material)
- 4) 1. ♖c8# (1. ♖xg3? a2!) (mate in one)
- 5) 1. ... ♕h6# (1. ... ♕xc3?) (mate in one)
- 6) 1. ♜axe6 ♞c1+ 2. ♞e1 (capture an unprotected piece)
- 7) ♞a7-f7-f6-h6+
- 8) 1. ... ♞xd8 (1. ... ♞xd8 2. ♞xb7) (twofold attack)
- 9) 1. ... ♔c8 2. ♞c7# (mate in one)
- 10) 1. ♞b1 (defend against mate: X-ray protection)
- 11) 1. ♞e5 (defend against mate: X-ray protection)
- 12) 1. ♖xd4 (defending: capturing)

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- 1) 1. ♕xf5 (defending: moving away with a capture)
- 2) 1. ... ♔a5 2. ♖b5# (mate in one)
- 3) 1. ... ♖xc3! (1. ... ♖xd6? 2. ♖xg7#) (capture an unprotected piece)
- 4) 1. b8 ♞ (1. b8 ♞? stalemate) (avoid stalemate)
- 5) ♜e4xg5xf7xd6xc4xb6
- 6) 1. ♔h4! (1. ♔h2? ♖g2#) (getting out of check: avoid mate)
- 7) 1. ... ♖g2# (1. ... ♖xa4? 2. ♞xa4) (mate in one)
- 8) 1. ♜c3 (defending: interposing)
- 9) 1. ♖xf3! (1. ♖xc7? ♖xc3) (defending: protecting with a capture)
- 10) 1. ♞d6# (mate in one)
- 11) 1. ♔b1 (1. ♞xf7? ♞f1#) 1. ... ♞f1+ 2. ♔a2 (defend against mate: moving away)
- 12) 1. b4 (defending: protecting)

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- 1) 1. ♖xg4! (1. ♖b7+? ♔xe5) (capture an unprotected piece)
- 2) 1. ♜xe6 (1. ♕xe6 ♞d1+) (capture an unprotected piece)
- 3) 1. ♖h4 (defending: moving away)
- 4) 1. ... ♖xe5+ 2. ♖xe5 ♞xe5 (defend against mate: X-ray protection with a capture)
- 5) 1. ♜b3 (defending: interposing)
- 6) ♜e4-g3-e2-c1+
- 7) 1. ♔e3! (1. ♞d7? ♞f1+ 2. ♔e3 d1 ♖; 1. c7? ♞f1+ 2. ♔e5 d1 ♖; 1. ♞b2? ♞f1+ 2. ♔e3 d1 ♖) 1. ... ♞e1+ 2. ♔xd2 (defend against a passed pawn)
- 8) 1. ♕xb2 (getting out of check: capturing)
- 9) 1. ♖xc6# (1. dxc6+?) (mate in one)
- 10) 1. ... ♞e3# (mate in one)
- 11) 1. ♖a5 (defending: moving away and maintaining the protection)
- 12) 1. ♞exe6 (1. ♞axe6? ♞c1+) (twofold attack with line clearing)

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- 1) 1. ♞xg7! (1. ♞d8+? ♔xa7) (twofold attack)
- 2) 1. ♕e5 (defend against mate: protecting)
- 3) 1. ... ♔e5 (defending: protecting)
- 4) 1. ♜xh7# (mate in one)
- 5) 1. ... ♖f2# (mate in one)
- 6) ♖a8-g8-g1+
- 7) 1. ♖f6#; 1. g4# (2x mate in one)
- 8) 1. ♖xb5 (defending: moving away)
- 9) 1. ♖xf5! (1. ♖xd6? ♖xf3) (capture an unprotected piece and maintaining the protection)
- 10) 1. ♖xf2 (1. ♔b1 ♞g1#) 1. ... ♞xf2+ 2. ♔b1 (getting out of check: avoid loss of material)
- 11) 1. ♖xc6! (1. ♞xc6? ♞xe4) (twofold attack)
- 12) 1. ♔d3 a2 2. ♜c2 (defend against a passed pawn)

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- 1) 1. ♖xd6! (1. ♗xd6? ♕xe4) (twofold attack)
- 2) 1. ♗xe7 (capture an unprotected piece)
- 3) ♕d8-g5-h6-g7+
- 4) Drawing
- 5) 1. ♕g3# (mate in one)
- 6) 1. bxa6 ♖c6
- 7) 1. ... g5#! (1. ... ♗xc5?; 1. ... ♗h5+? 2. ♕xh5) (mate in one)
- 8) 1. ... ♖a1+ 2. ♕d1 ♖xd1# (exploiting vulnerability)
- 9) 1. ♗e8! ♖xd7 2. ♗xf8 (cashing in a passed pawn)
- 10) 1. ... ♖f8 (1. ... ♖g6? 2. ♗xe7; 1. ... ♖g8? 2. ♗xe7) (getting out of check: avoid loss of material)
- 11) 1. ♗xd4! (1. ♖h1? ♕xc3) (getting out of check: avoid a bigger loss of material)
- 12) 1. ♖a6 (defending: moving away)

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- 1) 1. ♖c8+ ♖xc8 2. bxc8♖+ (cashing in a passed pawn)
- 2) 1. ... ♕c8 (defend against a passed pawn)
- 3) 1. ♕b5+ (defending: moving away)
- 4) 1. ♖e5+ (1. ♖b8+? ♕d8) 1. ... ♖f6 2. ♖xf6# (exploiting vulnerability)
- 5) ♖a5 ♖c8 ♖b6 ♖a7
- 6) 1. ♖xe5 (capture an unprotected piece)
- 7) 1. g5# (mate in one)
- 8) 1. ♖f5# (mate in one)
- 9) 1. ... ♗f8 (defend against mate: interposing)
- 10) 1. ... ♖a8 (1. ... ♕xc6 2. ♗d8#) (getting out of check: moving away)
- 11) 1. ♖a5 (1. ♖a7 ♗xa4#) 1. ... ♗xa4# (mate in one)
- 12) 1. ... ♗xc8 (1. ... ♖xc8 2. d8♖#) 2. dxc8♖+ ♖xc8 (defend against a passed pawn)

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- 1) 1. ♗xf1+! (1. ♖xf1? ♗xd2) (getting out of check: avoid loss of material)
- 2) 1. ♖d5# (1. ♖g6+? ♖g8 2. ♖xe8 ♖xc2) (mate in one)
- 3) 1. ... ♖a5 (defending: moving away)
- 4) 1. ♕xc2! (1. ♕xd7? ♕xa4) (capture an unprotected piece)
- 5) 1. ... ♖xg2#! (1. ... ♖xf4?) (mate in one)
- 6) 1. g3# (mate in one)
- 7) 1. ♕b5 (defending: interposing)
- 8) ♗a1-g1-g8-e8+
- 9) 1. ♖xd5! (1. ♖xd5? exd4) 1. ... exf4? 2. ♖xd6 (twofold attack)
- 10) 1. ♕f1! (1. ♖d5? ♖d1+ 2. ♕f1 ♖xf1#) (defend against mate: protecting)
- 11) 1. ... ♖h2 (defend against a passed pawn)
- 12) 1. ♖xd4! (1. ♗xd4? gxf3) (twofold attack)

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- 1) 1. ♖h7# (mate in one)
- 2) 1. ... ♕xf3 (profitable exchange)
- 3) ♖d2-b1-a3-c2+
- 4) 1. ♖xf1 (capture an unprotected piece)
- 5) 1. ♖xf6! (1. ♖xh7+? ♖xh7; 1. ♖f8+? ♗xf8) (capture an unprotected piece)
- 6) 1. ... ♖g6 (defending: moving away)
- 7) 1. ♕xc8! (1. ♖b8? ♖xa6) (defending: capturing)
- 8) 1. ♖a1 (defending: protecting)
- 9) ♗d7 ♖b6 / ♗e8 ♖g5
♗a1 ♖d3 / ♗g4 ♖f2
- 10) 1. ... ♖h8 (1. ... ♖g8? 2. Rf8#) (getting out of check: avoid mate)

- 11) 1. ... ♔f3# (mate in one)
- 12) 1. ♖b1 (1. ♜xd7? ♜e1#) (defend against mate: moving away and protecting)

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- 1) 1. ♖a5# (mate in one)
- 2) 1. ♔xc3 (defending: capturing)
- 3) 1. ♜xh8 (1. ♖xe5 ♜xa8; 1. ♔c6+ ♜xc6) (capture an unprotected piece)
- 4) ♖b5-b4-f8+
- 5) 1. ... cxd5 2. ♔xa6 (capture an unprotected piece)
- 6) 1. ♖xe4 (capture an unprotected piece)
- 7) 1. ... ♜f3 (defending: interposing)
- 8) 1. ♜xd6! (1. ♖xc6? ♜xc6) 1. ... ♖xc4 2. ♜xc4 (profitable exchange)
- 9) 1. ... ♜f4# (mate in one)
- 10) 1. ♜c2 (defend against mate: X-ray protection)
- 11) 1. ♜xd6 (defending: protecting with a capture)
- 12) 1. ... ♜xg8! (1. ... ♜xg8? 2. ♜f7#) (getting out of check: avoid mate)

35

- 1) 1. ♖xh6! (1. ♖g5?) (defending: moving away with a capture)
- 2) 1. ♔a3! (1. ♔f6? ♜c1#) (defending: protecting)
- 3) 1. ... ♜c6# (mate in one)
- 4) 1. ♔e3 (1. ♜e3 ♜xd2; 1. ♖g2 ♔b7#; 1. ♖h1 ♔b7#) (getting out of check: interposing and avoid mate or loss of material)
- 5) 1. gxf4#! (1. gxh4+? ♖xh4) (mate in one)
- 6) 1. ... ♜xg8+ (1. ... ♖xg8?; 1. ... ♖xg8) (avoid stalemate)
- 7) 1. ♜xg7! (1. ♜f5+? ♖xe4) (capture an unprotected piece)
- 8) ♔c8-e6-g8-h7+
- 9) 1. ♔xd5+ ♖f8 2. ♖xe1 (capture an unprotected piece)
- 10) 1. ♖h4! (1. ♖h2? ♜h3#) (getting out of check: avoid mate)
- 11) 1. ... ♔e7 (defending: interposing)
- 12) 1. ♜h7+ (1. ♖xc1? ♖xg5+) 1. ... ♖xh7 2. ♔xh7 (exploiting vulnerability)

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- 1) 1. ♔xg5 (capture an unprotected piece)
- 2) 1. ♜e7#! (1. ♜d6+ ♖d8; 1. ♔xf8 ♖xf8) (mate in one)
- 3) ♜c3xd5xf6xe4xc5xd3
- 4) 1. ... ♖e7 (defend against a passed pawn)
- 5) 1. hxg5# (mate in one)
- 6) 1. ♔h3+ ♜g4 2. ♔xg4+ (exploiting vulnerability)
- 7) 1. ... ♜xc1 2. ♜xc1 (mate in one)
- 8) 1. ♔f3 (defending: X-ray protection)
- 9) 1. a3 (defend against mate: protecting)
- 10) 1. ... f2# (mate in one)
- 11) 1. ♜xf6+! (1. ♜xe7? ♜f1#) (profitable exchange)
- 12) 1. ♖g1+ (1. ♖h2? ♖xb4) (getting out of check: avoid loss of material)

37

- 1) 1. ♜f2 (defend against a passed pawn)
- 2) 1. ♔f6+ ♖xf6 2. ♖xf6+ (exploiting vulnerability)
- 3) ♜a1-a2-h2-h6+
- 4) 1. ♜xd7 (capture an unprotected piece)
- 5) 1. ... fxg4# (mate in one)
- 6) 1. ... ♜xb6! (1. ... ♜d1+? 2. ♖xb2) (capture an unprotected piece)
- 7) 1. dxe5 fxe5 2. ♔xe5 (defending: protecting with a capture)

- 8) 1. ♕a6#; 1. ♖b8#; 1. ♗b8# (3x mate in one)
- 9) Drawing
- 10) 1. ... ♘c6 (defending: moving away to a protected square)
- 11) 1. ♗xa5# (mate in one)
- 12) 1. ♗xh4 (1. ♔e1 ♗xf2#) (defend against mate: protecting with a capture)

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- 1) ♘c5-d7-f6-h5+
- 2) 1. ♔g1 (defend against mate: moving away)
- 3) 1. ♕xd5+! (1. ♕xg4? ♖xc5) 1. ... ♔h8 2. ♖c1 (capture an unprotected piece)
- 4) 1. ... ♕g8 (defend against a passed pawn)
- 5) 1. ... g6# (1. ... ♖xh3+ 2. ♔g4) (mate in one)
- 6) 1. ♖e6#; 1. ♗e7# (2x mate in one)
- 7) 1. ♕xh7+! (1. ♕xc4? ♖h1#) (profitable exchange)
- 8) 1. ... ♕xd4! (1. ... ♕f6?) (defending: moving away with a capture)
- 9) 1. ♖b3 (avoid stalemate)
- 10) 1. ♘f5# (mate in one)
- 11) 1. ♗xb6! (1. ♗f5+? ♔xd6) (capture an unprotected piece)
- 12) 1. ♗f1 (defending: twofold protecting)

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- 1) ♘e6-c7-a8-b6+
- 2) 1. ♘e6 ♗xd5 2. ♖xd5 (profitable exchange)
- 3) 1. ... ♖xe5+ (1. ... ♘xc4 2. ♖xe7 ♔xe7 3. ♔xc4) (capture an unprotected piece)
- 4) 1. ♖fa1 (defending: twofold protecting)
- 5) 1. ♕c3+ ♔xc3 2. ♔xe2 (defend against a passed pawn)
- 6) 1. ... g5 (defending: interposing)
- 7) 1. ... ♗xc4! (1. ... ♖c8? 2. ♖xc3!) 2. ♕xc4 ♘e4 (defending: capturing)
- 8) 1. ... ♗c2# (mate in one)
- 9) ♖f8 ♕g6 ♘e6 ♔h8
- 10) 1. ♗e2 (defend against mate: protecting)
- 11) 1. ♖f5#! (1. ♕xb4? ♖a2) (mate in one)
- 12) 1. ... ♗b7# (mate in one)

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- 1) 1. ♕xg7# (mate in one)
- 2) 1. ♗xe6#! (1. ♗xa8? fxg5; 1. ♕h6? ♘c7) (mate in one)
- 3) 1. ... ♖xb6! (1. ... ♖xf2? 2. ♕xf2) (capture an unprotected piece)
- 4) 1. ♗a4 (defend against mate)
- 5) 1. ... ♘e6 (defending: interposing)
- 6) ♕e5-f6-e7-b4+
- 7) 1. ♔xg6 (1. ♕xg6?; 1. ♔f5 ♖h6) (avoid stalemate)
- 8) 1. ... ♗e2# (1. ... ♖xa8?) (mate in one)
- 9) 1. ... ♗xh3! (1. ... ♗xd3+? 2. ♗xd3) (capture an unprotected piece)
- 10) 1. ♔c8 ♔f6 2. d8♗+ ♕xd8 3. ♔xd8 (cashing in a passed pawn)
- 11) 1. ♘f2! (1. ♘g3+? ♔e1) (defend against a passed pawn)
- 12) 1. ... ♔f5 (1. ... h4? 2. ♖g5#) (defend against mate: protecting)

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- 1) 1. ... ♕d4#! (1. ... ♖xc4?) (mate in one)
- 2) 1. ... ♗c8 (defend against mate: protecting the knight and the back rank)
- 3) 1. ... f6 (defend against mate: protecting by line clearing)
- 4) 1. ♕xb3# (mate in one)
- 5) 1. ♗xa5 (capture an unprotected piece)

- 6) 1. ... d5 (defending: protecting)
- 7) ♖f3-d1-a4+
- 8) 1. ♜e5# (mate in one)
- 9) 1. ♖c6#; 1. ♖b8#; 1. ♜b6# (3x mate in one)
- 10) 1. ♜xc6! (1. ♜xd7? ♜c1+) (profitable exchange)
- 11) 1. ♜xe5# (mate in one)
- 12) 1. ... ♙f5! (1. ... ♜c8? 2. ♜fxf8) (defending: interposing)

42

- 1) Drawing
- 2) ♜b1-b5-g5-g6+
- 3) 1. ... ♜xd5 (defend against mate: capture the helper)
- 4) 1. ♜xc2! (1. ♜xe6? ♜c1#) (profitable exchange)
- 5) 1. ♜d5! (1. ♜b1? ♜e1) (defend against a passed pawn)
- 6) 1. ♜g4#! (1. ♙xf5?) (mate in one)
- 7) 1. ... ♖xg2#! (1. ... ♜xd5? 2. fxg4) (mate in one)
- 8) 1. ... fxg5 (defend against mate: capture the helper)
- 9) ♜c4xd6xb7xa5xc6
- 10) 1. ♙xh4! (1. ♙xd6? ♜e1#) (capture an unprotected piece)
- 11) 1. ♜xf6#! (1. ♖xf6+? ♜h5) (mate in one)
- 12) 1. ... ♜cxb5! (1. ... ♜bxb5? 2. ♜xc5) (twofold attack)

43

- 1) 1. ... ♜xe3+ (capture an unprotected piece)
- 2) ♜c3xe3xh3xb3xb5xc5
- 3) 1. ♙g2 (defending: interposing)
- 4) 1. ... ♙f2# (1. ... ♖xe7?) (mate in one)
- 5) ♖b5 ♙c5 ♙d5 ♜a8
- 6) 1. ... e2 (avoid stalemate)
- 7) 1. ... ♖e4+ 2. ♖xe4 fxe4 (defend against mate: exchange the chaser)
- 8) 1. ... ♜g8 (defend against mate)
- 9) 1. ... ♙xf5 (capture an unprotected piece)
- 10) 1. ♜f7#! (1. ♜xe4?) (mate in one)
- 11) 1. ♜a3! (1. ♜c2? ♜h1+) (defend against a passed pawn)
- 12) 1. ♜e2# (mate in one)

44

- 1) 1. ♜e2#! (1. ♜xf6?) (mate in one)
- 2) 1. ... ♖f8#! (1. ... ♖xg2?) (mate in one)
- 3) 1. ... c4 (defending: interposing)
- 4) 1. ♜xe3 (defend against mate: capture the guard)
- 5) ♜b5-a7-c8-e7+
- 6) 1. ♖xb2! (1. ♖xe7? ♜xd1) (capture an unprotected piece)
- 7) 1. ... ♖f7 (defending: moving away)
- 8) 1. ♜h3! (1. ♜f2? ♜xg4+; 1. ♙f3? ♙xf3+) (getting out of check: avoid loss of material)
- 9) 1. ♜f3# (mate in one)
- 10) 1. ♖e3#; 1. ♖e4#; 1. ♜d5# (3x mate in one)
- 11) 1. ♖e1 (defending: protecting the knight and the back rank)
- 12) 1. ♜xc5! (1. ♙xc5? ♜xc1) 1. ... ♜xc5 2. ♙xc5 (twofold attack)

45

- 1) 1. ♖xb8+ ♜g7 2. ♖xf4 (capture an unprotected piece)
- 2) 1. ♜e2 (defending: twofold protecting)
- 3) 1. ♜g3# (mate in one)

- 4) 1. ♕d6! (1. ♕h6? b2 2. f8♚+ ♕xf8) (cashing in a passed pawn)
- 5) 1. ... ♚f3 (defending: moving away)
- 6) 1. ... ♖e8! (1. ... ♖e6? 2. ♕h3#) (getting out of check: avoid mate)
- 7) ♕d5-c6-d7-g4+
- 8) 1. ... ♚e3# (mate in one)
- 9) 1. axb3 (1. ♖xb3 ♚c3#) 1. ... ♚a6# (mate in one)
- 10) 1. ... g1♚ (1. ... a1♚? 2. ♘c6#) (defend against mate)
- 11) 1. ... ♚g5 (1. ... ♚g6 2. hxg6+) (avoid stalemate)
- 12) 1. e4 (defending: interposing)

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- 1) ♚c3xg3xg5xc5xc6 (c4) xc4 (c6)
- 2) 1. ... ♚f6 (defending: X-ray protection)
- 3) 1. ♖e1 d2+ 2. ♖d1 (defend against a passed pawn)
- 4) 1. ♚d8# (mate in one)
- 5) 1. ♚d6#; 1. ♚c6#; 1. g5+? ♖xf5 (2x mate in one)
- 6) 1. ♚xd7! (1. ♚xe5? ♚xd2) (capture an unprotected piece)
- 7) 1. ♘b4 (1. b4 cxb3) (defending: interposing)
- 8) 1. ... b3# (mate in one)
- 9) 1. ... ♖f8 2. ♚h8# (mate in one)
- 10) 1. ... ♘e4# (mate in one)
- 11) 1. ♚f1 (1. ♖f1 ♕a6 (1. ... ♚xg2+ 2. ♖e2 ♚xf2+)) (defend against mate: protecting)
- 12) 1. ... ♚e1#! (1. ... ♚xc4?) (mate in one)

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- 1) 1. ... ♚h1#! (1. ... ♕xg3+?) (mate in one)
- 2) 1. ♚xh3! (1. ♚xc5? ♚f1#) (capture an unprotected piece)
- 3) 1. ♚xa8 ♚xa8 2. ♕xa8 ♚xa8 (twofold profitable exchange)
- 4) 1. ... ♘d4 (defending: interposing)
- 5) 1. ... ♚xd6 (1. ... ♘xd1+ 2. ♚xd1) 2. ♚xd6 (profitable exchange)
- 6) 1. ♚g3 (defending: moving away and maintaining the protection)
- 7) ♚c3-c8-g8-g6+
- 8) 1. ... ♘xc4#! (1. ... ♚xb8? 2. ♚xb8+) (mate in one)
- 9) ♚b8 ♘c6 / ♚h7 ♘f8 / ♚b2 / ♜c2 / ♚g4 ♜f2 or ♚g3 ♜f2
- 10) 1. h4 (1. g4? ♚g1#) (defend against mate: moving away)
- 11) 1. ... ♖h6 (1. ... ♖g8 2. ♚f8#; 1. ... ♖h8 2. ♚f8#) (getting out of check: avoid mate)
- 12) 1. ♚c1 bxc1♚ 2. ♘xc1 (defend against a passed pawn)

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- 1) 1. c8♚ ♚h7+ 2. ♚h3 (defending against mate)
- 2) 1. ♚b6 (defending: moving away)
- 3) 1. ♚g7# (mate in one)
- 4) 1. ... fxe5 2. dxe5 ♕c5 (defending: capturing and moving away to a protected square)
- 5) ♚c5xa3xh3xf5xe4xe2
- 6) 1. ♕g4# (1. g4+) (mate in one)
- 7) 1. ... ♖a4 (1. ... ♖c4 2. ♘d2# (2. ♘a5#); 1. ... ♖c6 2. ♘a5#; 1. ... ♖a6 2. ♘c5#) 2. ♘c5# (mate in one)
- 8) 1. ... ♚b7+ (1. ... ♚xa2?) (avoid stalemate)
- 9) 1. ... ♕d8 (defending: twofold protecting)
- 10) 1. ♚xb6 ♚xb6 2. ♚xb6 (defending: protecting with a capture)
- 11) 1. ♚h8#! (1. ♚xe4?) (mate in one)
- 12) 1. ♚xd2 (1. ♚xd2? ♚xf4) (getting out of check: avoid loss of material)

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- 1) 1. ♕a1 (defending: moving away and maintaining the protection)
- 2) 1. ... ♜d5 (defending: interposing)
- 3) Drawing
- 4) 1. ♖xb3! (1. ♜xb3? ♖xb5) (twofold attack)
- 5) 1. ♖b2! (1. ♕b2? ♖xf4) (defending: interposing)
- 6) ♖a1-g1-g8+ / ♖a1-h1-c6+
- 7) 1. ... ♖b8# (mate in one)
- 8) 1. ... ♜b7#! (1. ... ♚xe2?) (mate in one)
- 9) 1. ♖h3+! (1. ♜g1? ♖xe1+) (getting out of check: avoid loss of material)
- 10) 1. ♜xd5#! (1. ♜xe6+? ♜xe6) (mate in one)
- 11) 1. ♕e3! (1. ♜f1? hxg5) (getting out of check: avoid loss of material)
- 12) 1. ♜f1 (defend against mate: protecting)

50

- 1) 1. ♖h5# (1. ♖e6+ ♜xe6; 1. ♖e8+ ♕xe8; 1. ♖c4+ ♜g6) (mate in one)
- 2) 1. ♚xc8+ ♜g7 2. fxe3 (capture an unprotected piece)
- 3) 1. b3 (1. ♖b1? ♖a4#; 1. ♖a8? b3#) (defend against mate: moving away)
- 4) ♕e1-g3-b8-a7+
- 5) ♖f6 ♕f7 ♜h7 ♜f8 or ♖f8 ♕f7 ♜f6 ♜h7 or ♖f6 ♕f7 ♜f8 ♜h7
- 6) 1. ... ♚f7! (1. ... ♕h8? 2. ♜h6#) (defending: interposing)
- 7) 1. ♖d6# (mate in one)
- 8) 1. ... ♜f6 (defend against mate: moving away)
- 9) 1. ... gxf5 2. exf5 ♕d5 (defending: capturing and moving away to a protected square)
- 10) 1. ♜d2! (1. ♜d3? ♕xb3) (getting out of check: avoid loss of material with protecting by line clearing)
- 11) 1. ... f1 ♚ (1. ... f1 ♖?; 1. ... f1 ♕ 2. ♜xf3?; 1. ... ♜e4 2. ♜xf2?) (avoid stalemate)
- 12) 1. ♜xc4+ ♜c5 2. ♜b2 ♜xc4 (defend against a passed pawn by clearing a square)

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- 1) 1. ♕xc5+ ♜g8 2. ♚xd2 (capture an unprotected piece)
- 2) ♕h8-e5-b8-a7+
- 3) 1. ... ♖xf1+ 2. ♖xf1 ♕xf1 3. ♜xf1 (twofold profitable exchange)
- 4) 1. ... ♜h6 2. ♖g5# (mate in one)
- 5) 1. ♜d7# (mate in one)
- 6) 1. ♜xd2 (1. ♜a1?) (defending: moving away with a capture)
- 7) 1. ♕xe4#! (1. ♚xg6?) (mate in one)
- 8) 1. d5! (1. ♕xc6? ♖xc6+) (defending: interposing)
- 9) 1. ♖xe1! (1. ♜f2? ♚f1#) 1. ... ♚xe1+ 2. ♜f2 ♚f1+ 3. ♜e2 (getting out of check: avoid mate)
- 10) 1. ... g5 (1. ... ♚xa3? 2. ♚h4#) (defend against mate: protecting)
- 11) 1. ♕c1#! (1. gxh4+? ♜xh4; 1. f4+? gxf3! (1. ... exf4? 2. gxf4#) (mate in one)
- 12) 1. ... ♖e7 (defending: twofold protecting)

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- 1) 1. ♜g3 g4 (avoid stalemate)
- 2) 1. ♖d6#! (1. exf6+?; 1. ♜xa8?) (mate in one)
- 3) ♚h5-h8-e8-e6
- 4) 1. ... ♜e3 (defending: interposing)
- 5) 1. ... ♚xb6! (1. ... ♜xb6? 2. ♚xf6; 1. ... ♚xf2? 2. ♕xf2) (capture an unprotected piece)
- 6) ♖a5 ♚c8 / ♖f8 ♚h6 (or the other way around)
♚d1 ♚a1 / ♖h3 ♚f1
- 7) 1. ♖xb5! (1. ♖xe8? ♚b1+ 2. ♖e1 ♚xe1#) 1. ... ♚e1+ 2. ♖f1 ♚xf1+ 3. ♜xf1 (capture an unprotected piece)
- 8) 1. ♚gxb6 (defend against mate: protecting) + capturing
- 9) 2. ♕xc3 (2. ♚xc3? ♖xd1+) (defending: recapture with the right piece)

10) 1. ♖xb6 cxb6 (defending: moving away avoid loss of material)

11) 1. ... ♖f7! (1. ... ♖d8 2. ♖xf8) (defending: interposing)

12) 1. ... ♖c8 (defending: X-ray protection)

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1) 1. ♔g1 (1. ♖g2? ♖xb1+) (getting out of check: avoid loss of material)

2) 1. ♖xf3! (1. ♖b7+? ♔h6) 1. ... gxf3 (defending: capturing)

3) 1. ♕h6#! (1. ♕xd4?; 1. ♖xd4?) (mate in one)

4) 1. ♖a3# (mate in one)

5) 1. ... ♕b7 (defending: X-ray protection by line clearing)

6) ♕e5xg3xh2xc7xb6xf2

7) 1. ♔h3 (1. g4 ♖h6#) 1. ... ♖xg3# (mate in one)

8) 1. ... ♖a1# (mate in one)

9) 1. ♕xb3! (1. ♕xc6? ♖xd1+; 1. ♕xf7+ ♔xf7 2. ♖xd8 ♔xd8) 1. ... ♖xd1+ 2. ♕xd1 (capture an unprotected piece)

10) 1. ... ♖c7 (defending: protecting)

11) 1. ♕f4 (defending: interposing)

12) 1. ♔b5 (1. d7? ♖a6#) (defend against mate: interposing)

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1) 1. ♖e3! (1. ♖e1? ♕xd4) (defending: protecting the bishop and maintaining the protection of the knight)

2) ♖e8 ♕e5 ♕h5 ♔f7

3) ♖a2-f2-a7+

4) 1. ♖f8# (1. ♖xf6? ♕e6) (mate in one)

5) 1. ... ♖xc2+ 2. ♔d3 ♖xc7 (capture an unprotected piece)

6) 1. ♖xa1 ♕xa1 2. ♖xa1 (defending: capturing)

7) 1. ♔xg1 (1. ♕xg1?; 1. ♔xg1?) (avoid stalemate)

8) 1. ♔h3 (1. ♔g1 ♖e1#) 1. ... ♖h5# (mate in one)

9) 1. ♖xc5+ (defend against mate by exchanging the chaser)

10) 1. ... ♕b4 (defending: interposing)

11) 1. ... ♔h8 (1. ... ♖xe7? 2. ♖xb8) (getting out of check: avoid loss of material)

12) 1. ... ♖c2 (defending: moving away)

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1) ♖e7xf6xf3xb7xh7xc2

2nd edition

1) ♖e7xh7xb7xb4xd2xg5 / ♖e7xg5xd2xb4xb7xh7

2) 1. ♖d6 (defending: moving away to a protected square)

3) 1. a7 (1. ♔a7 ♖b8#) 1. ... ♖xd5# (mate in one)

4) 1. ♖xg4! (1. ♖xd5? ♖a1+) (capture an unprotected piece)

5) 1. ♖c2! (1. ♔b1? ♖xf5+) (getting out of check: avoid loss of material)

6) 1. c5# (mate in one by a discovered check)

7) 1. ... e4 (defending: interposing)

8) 1. ♕xc6 (1. ♖xc6? ♖xb5) 1. ... ♖xd5 2. ♕xd7 (twofold attack: choose the correct capture)

9) 1. ♕f6 (defending: twofold protecting)

10) 1. ... ♕h5 (lifting the stalemate)

11) 1. ♕xe5 (1. ♖b8? ♔g7#) (defend against mate: moving away)

12) 1. ♔d4+! (1. ♔e2? ♕xb6) (getting out of check: avoid loss of material)

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1) 1. ... ♖h2#! (1. ... ♖h2+? 2. ♖xh2; 1. ... ♖xd2?) (mate in one)

2) 1. ♖xa2! (1. ♕xf6? ♖e1#) (capture an unprotected piece)

3) 1. ... ♖a2#; 1. ... ♖a4#; 1. ... ♖b2# (3x mate in one)

4) 1. ♖xg4! (1. ♖xd5? ♖a1+) (capture an unprotected piece)

- 5) 1. ♖f1 (1. ♔h2 ♕g4#) (getting out of check: avoid mate)
- 6) 1. ♔h5 (1. ♔h3 ♖f1#) 1. ... ♖g6# (mate in one)
- 7) 1. g3 (1. ♖d3? ♖g4#) 1. ... ♖f1+ 2. ♔h4 (defend against mate: moving away)
- 8) ♕a6-c4-g8-h7+
- 9) 1. ♜xe8# (mate in one by a discovered check)
- 10) 1. ♖c1 (defending: protecting the knight and maintaining the protection of the bishop)
- 11) 1. ... d4 2. b7 d5 (defend against a passed pawn)
- 12) 1. c4 ♕xc4 2. ♕c3 (clearing a square and defending by moving away)

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- 1) 1. ... ♔h8 (1. ... ♔f8 2. ♜f7#) (getting out of check: avoid mate)
- 2) 1. ♜b3 (defending: moving away and maintaining the protection)
- 3) 1. ♜xe7+! (1. ♜xe3?) (capture an unprotected piece)
- 4) ♜a7-a4-b4-b6+
- 5) 1. d7 (cashing in a passed pawn)
- 6) 1. ♕c6# (mate in one)
- 7) 1. ♕b5#! (1. ♖xe3?; 1. ♖d6+? ♔e8) (mate in one)
- 8) 1. ♜h7 (defend against mate: interposing thanks to twofold protection)
- 9) 1. g5 (defending: interposing)
- 10) 1. ... h6 2. ♖h7# (mate in one)
- 11) 1. ♖a1# (mate in one)
- 12) 1. ♜c2 (1. ♜xb6? ♜xc6) (defending: protecting)

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- 1) 1. ♖xd4! (1. ♖xd5? ♜a1#) (capture an unprotected piece)
- 2) 1. ... ♔f5! (1. ... ♔g6 2. ♕h4#) (getting out of check: avoid mate)
- 3) ♜h2-a2-a1-e1+
- 4) 1. ♖xf8+ (1. ♕xf8? ♕xf3) 1. ... ♖xf8 2. ♕xf8 ♜xf8 (profitable exchange) 2V
- 5) 1. ♜xc1! (1. ♕xc1? b1♖+) (defend against a passed pawn)
- 6) ♖f6 ♕f5 ♜e8 ♔h7
- 7) 1. ♜g4# (mate in one by a discovered check)
- 8) 1. ♕a6 (1. ♕d7 ♖b7#; 1. ♔a6 ♖b6#) 1. ... ♖b8# (mate in one)
- 9) 1. ♔a3 (1. ♖b1? ♖f8#) (defend against mate: moving away)
- 10) 1. ♖xc6 ♜xc6 2. ♜xc6 (defending: moving away with a capture)
- 11) 1. ... ♕c2#! (1. ... ♜b4?; 1. ... ♕xd7?) (mate in one)
- 12) 1. ♔f2 (1. ♜xe1? ♖xe1#) (getting out of check avoid mate)

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- 1) 1. ♕xb6 axb5 2. ♕xd8+ (capture an unprotected piece)
- 2) 1. ♖e4 (defend against mate: X-ray protection)
- 3) 1. ♕d4! (1. ♔f1? dxe2+ 2. ♔xe2; 1. ♜xb6? axb6) (getting out of check: avoid loss of material)
- 4) 1. ♕h6#; 1. ♖h6#; 1. ♖e5# (3x mate in one)
- 5) ♖h6xb6xb5xc4xf4xh4
- 6) 1. ♕xf5+ ♕xf5 2. ♜xf5 (twofold attack)
- 7) 1. ... f5 (defending: interposing)
- 8) 1. ♜b3 cxb3 2. ♕c3 (defend against a passed pawn)
- 9) 1. ... ♕c7 (defend against mate: moving away and maintaining the protection)
- 10) 1. ... ♜e8 2. ♖d1 (defending: moving away)
- 11) 1. c5 (cashing in a passed pawn: prevent ♕d6 first and only then advancing the f-pawn)
- 12) 1. ♖a8#! (1. ♖xh3?) (mate in one)

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- 1) 1. e5 (defending: X-ray protection by line clearing)
- 2) 1. ... ♜xd5! (1. ... ♜b1+? 2. ♜xb1; 1. ... ♜xb7? 2. ♕xb7; 1. ... ♕xe4? 2. ♜xb5)

- 3) 1. ... ♖d7 (1. ... ♙xb8+? 2. axb8♙+) 2. ♙xc8+ ♖xc8 stalemate (draw: forcing stalemate)
- 4) 1. h8♖+ (1. h8♙?) (avoid stalemate)
- 5) 1. ... ♙xg5+! (1. ... ♖xg5? 2. ♙xc8+) (twofold attack)
- 6) 1. ♖xf6! (1. ♖xb4? ♙xe4+ 2. ♖g1 axb4) (profitable exchange)
- 7) 1. ♖g1 ♖h3#; 1. ♖e1 ♖d3#; 1. ♖e3 ♙d3# (mate in one)
- 8) 1. ♖c1 ♙c2#; 1. ♙f4 ♙h1#; 1. ♙g3 ♙b1# (mate in one)
- 9) 1. ... c5 (1. ... ♙xd4 2. ♙xd4+) (getting out of check: avoid mate)
- 10) 1. ... b4 2. b7 (2. c4 ♙d3 3. b7 ♙d8) 2. ... bxc3 (defend against a passed pawn)
- 11) 1. ... ♙c7 (1. ... a4? 2. ♙f3#) 2. ♙f3+ ♖d7 (defend against mate: interposing and preparing moving away)
- 12) 1. ♙a5! (1. ♙b6? ♙a8) 1. ... ♙xa5 2. d8♙+ (cashing in a passed pawn)

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- 1) 1. ♖xe5+ ♖e7 2. ♙xb3 (capture an unprotected piece)
- 2) 1. ♙xg8 (1. ♙xd6? ♙xg2#) (capture an unprotected piece)
- 3) 1. ... ♖xf1+ (1. ... ♖xe4? 2. ♙f8#) (profitable exchange)
- 4) 1. ... b2 2. ♖f3 b1♙ (cashing in a passed pawn)
- 5) 1. ... ♙xc4! (1. ... ♙h4+? 2. ♙h3) (twofold attack with protecting)
- 6) 1. ... f1♙ (cashing in a passed pawn). After 1. ... fxg1♙+ 2. ♖xg1 Black is a pawn down.
- 7) 1. ♙xe5! (1. ♙xe5? ♙xe4 2. ♙xd6+ cxd6) 1. ... ♙xe5 2. ♙xe5 (twofold attack)
- 8) 1. ♙xd2! (1. ♙xc6? ♙xc6 2. ♙xd2 ♙c1+) (capture an unprotected piece)
- 9) Drawing
- 10) 1. d8♙+ ♖xd8 2. ♙xb5 (cashing in a passed pawn)
- 11) 1. ♙xc6! (1. ♙xc6? ♙xg2#; 1. ♙xf4 ♙xg2#) (defend against mate: X-ray protection with a capture thanks to a twofold attack)
- 12) 1. ... ♙d1+ 2. ♖c1 ♙xd7 (exploiting vulnerability: bad position of the white pieces)

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- 1) 1. ♙xf8! (1. ♙xd8? ♙xd8; 1. ♙xb8? ♙xb8 2. ♙xb8 ♙xb8; 1. ♙xb8? ♙xc8 2. ♙xc8 ♙xc8) (profitable exchange)
- 2) 1. ♙xc6! (1. ♙xc6? ♙xb5) (twofold attack)
- 3) 1. ♙c4+ (exploiting vulnerability)
- 4) 1. ♙f3 (1. ♙xg2? stalemate) 1. ... ♙xf3 2. ♖xf3 (cashing in a passed pawn)
- 5) 1. ♙xc3 (1. ♙xc3 ♙xh4#) (twofold attack)
- 6) 1. ♙xa5 (1. ♙xa5? ♙g1+) (twofold attack; twofold protection of e1 is necessary)
- 7) 1. ♙xe7 (1. ♙xe7 ♙xe1) (twofold attack)
- 8) 1. ♖xd6! (1. ♙xd6? ♙xe4) 1. ... ♙xc6 2. ♙xc6 (twofold attack)
- 9) 1. ♙xc3 (1. ♙xc3? ♙xc3 2. ♙xc3 ♙e1#) (twofold attack)
- 10) 1. ♙xc6! (1. ♙xc6? ♙xc1!) 1. ... ♙xe4 2. ♙xc8+ (twofold attack)
- 11) 1. ... ♙xe2 (1. ... ♙xc7+? 2. ♖c3) (capture an unprotected piece)
- 12) 1. ... gxf6 (1. ... ♙xf5 2. ♙d8#) (capture an unprotected piece)

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- 1) 1. ♙f6 (defending: interposing)
- 2) 1. ♖e2! (1. fxe5? ♙xd1; 1. ♖e4? ♙xd1) (getting out of check: avoid loss of material)
- 3) 1. ... ♖a7 (1. ... ♖b6? 2. ♙b7#) (defend against mate: interposing)
- 4) 1. ♙a1 (1. ♙c1? ♙xf6) (defend against mate: protecting and maintaining the protection)
- 5) 1. ♙b2! (1. ♙b2? ♙xf4) (defending: interposing and maintaining the protection of f4)
- 6) 1. ♙d2 (1. ♙h4? ♙e2#; 1. ♙d4 ♙h1#) (defend against mate: interposing - 2. ♖e2 is possible now after 2. ... ♙h1+)
- 7) 1. ... ♖a8! (1. ... ♖c8? 2. ♖a7#) (getting out of check: avoid mate)
- 8) 1. ... ♖d7! (1. ... ♖e7? 2. ♙g7#) 2. ♙g7+ ♖xc8 (getting out of check: avoid mate)
- 9) 1. ♙a3 (defending: protecting and maintaining the protection)
- 10) 1. ... ♖f7+ 2. ♖g6 ♙xg4+ (2. ... ♙xd3) (getting out of check: prevent loss of material)

- 11) 1. ♖g4 (1. c4? ♖h5#) (defend against mate: interposing even if this loses material)
 12) 1. ♙f5! ♖xf1 2. ♙xc2 (defend against a passed pawn)

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- 1) 1. ♖fa1 (defending: twofold protecting)
 2) 1. ♙f3! (1. ♘f3? ♖xe2) (defending: interposing)
 3) 1. ... ♖xa8 2. ♖xa8 ♖xa8 (defend against mate: capture the helper by a twofold attack thanks to X-ray protection)
 4) 1. ... ♖b3 2. ♖f8+ ♖g8 (defend against mate; prepare interposing)
 5) 1. ♖f3 (1. ♖c1? ♙c4; 1. ♖c8+? ♙e8 2. ♖xe8+ ♙f7) (defend against a passed pawn)
 6) 1. ♖a1 ♘xa1 2. ♙d2 (defend against a passed pawn)
 7) 1. ... ♙xf7 (1. ... ♙xd5 2. ♘g5#) (getting out of check: avoid mate)
 8) 1. ♙h2! (1. ♙f2? ♖g1#) (getting out of check: avoid mate)
 9) 1. ♖f3 (defend against mate: protecting and maintaining the protection)
 10) 1. g6 (defend against mate: prepare interposing)
 11) 1. ♘g3 ♖e1+ 2. ♖f1 (defend against mate: prepare interposing)
 12) 1. ... ♘e6 2. fxe6 ♙g7 (defend against a passed pawn)