

Step 1 mix

4

- 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)

5

- 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)

6

- 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)

7

- 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)

8

- 1) ♜d6 / ♜f6
♜c1 / ♜h2
- 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-g3-g4+
- 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)

9

- 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)

10

- 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)

11

- 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)

12

- 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)

13

- 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)

14

- 1) 1. ♕a1 (defend against mate)
- 2) 1. ... ♖f1#; 1. ... ♖f1#; 1. ... ♖e3#; 1. ... ♖e2# (4x mate in one)
- 3) 1. ... ♖c3#
- 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)

15

- 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) ♖d4xb5xc7x
- 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)

16

- 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)

17

- 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)

18

- 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) ♚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)

19

- 1) 1. ... ♖xb1# (mate in one)
 2) 1. ♙xf5 (capture an unprotected piece)
 3) ♙c5xe3gx5h4xe7xb4
 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)

20

- 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)

21

- 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)

22

- 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)

23

- 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)

24

- 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 / ♜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)

25

- 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)

26

- 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)

27

- 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)

28

- 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. ♖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)

29

- 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)

30

- 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 (mate in one)
- 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)

31

- 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)

32

- 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)

33

- 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)

34

- 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 (mate in one)
- 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)

36

- 1) 1. ♙xg5 (capture an unprotected piece)
- 2) 1. ♗e7#! (1. ♗d6+ ♙d8; 1. ♙xf8 ♙xf8) (mate in one)
- 3) ♗c3xd5xf6-xe4xc5
- 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)

38

- 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)

39

- 1) ♗e6-c7-a8-b6+
- 2) 1. ♗xe6 ♙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)

40

- 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)

41

- 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. ... ♖cxb5! (1. ... ♖bxb5? 2. ♘xc5) (twofold attack)
- 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)

46

- 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 (3x 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)

47

- 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-c2-g2-g6+
- 8) 1. ... ♜xc4#! (1. ... ♗xb8? 2. ♗xb8+) (mate in one)
- 9) Mistake, an empty board was intended.
- 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)

48

- 1) 1. ♗c1 bxc1♗ 2. ♜xc1 (defend against a passed pawn)
- 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)

49

- 1) 1. ♙a1 (defending: moving away and maintaining the protection)
- 2) 1. ... ♜d5 (defending: interposing)

3) Drawing

- 4) 1. ♖b3! (1. ♜b3? ♖b5) (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) ♖f5 ♙f7 ♜h7 ♜f8
- 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)

51

- 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)

52

- 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 / ♖h5 ♚g5 (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)

53

- 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)

54

- 1) 1. ♗e3! (1. ♗e1? ♕xd4) (defending: protecting the bishop and maintaining the protection of the knight)
- 2) ♖e5 ♕e8 ♗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. ♖h1 ♖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)

55

- 1) ♗e7xh7xb7xb4xd2 / ♗g5xd2xb4xb7xh7
- 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) ♕a6-c4-g8-h7+
- 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)

56

- 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. ... ♔h8! (1. ... ♔f8? 2. ♚f7#) (getting out of check: avoid mate)

57

- 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 (mate in one)
- 11) 1. ♖a1# (mate in one)
- 12) 1. ♚c2 (1. ♚xb6? ♚xc6) (defending: protecting)

58

- 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) ♖h7 ♚f5 ♚e8 ♔f6
- 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)

59

- 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 (mate in one)
- 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)

60

- 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) ♔e8 Nd6# ♔e6 Rd6# 1. ♔g1 Nh6# (mate in one)

- 8) 1. ♕f4 (1. ♕g3 ♖b1#; 1. ♖c1 ♗c2#) 1. ... ♗h1# (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)

61

- 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)

62

- 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)

63

- 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)

64

- 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)