

Step 2 plus (international version)

2 Mate in one / Double check: A

- 1) 1. ♖e8#
- 2) 1. ... ♖b1#
- 3) 1. ... ♜g3#
- 4) 1. ... ♙xc3#
- 5) 1. ♙xd5#
- 6) 1. d8♗#
- 7) 1. ♞f7#
- 8) 1. ♞f8#
- 9) 1. ♞xd6#
- 10) 1. ... exd4#
- 11) 1. ♖c7#
- 12) 1. ♖c4#

3 Mate in one / Double check: B

- 1) 1. ♞b4#
- 2) 1. ... ♖f3#
- 3) Drawing
- 4) 1. ♞d7#
- 5) 1. ♙g5#
- 6) 1. ... ♞f3#
- 7) 1. ♞e4#
- 8) 1. ... ♖xg3#
- 9) 1. ♞d6#
- 10) 1. ♙xb5#
- 11) 1. ... ♖c2#
- 12) 1. ♖e7#

4 Mate / Bringing in the chaser: A

- 1) 1. ♗d5 → 2. ♗f7#
- 2) 1. ♗f7 → 2. ♗g8#
- 3) 1. ♗h6 → 2. ♗g7#
- 4) 1. ♗g6 → 2. ♗h7#
- 5) 1. ♗d3 → 2. ♗h7#
- 6) 1. ... ♗g4 → 2. ... ♗xg2#
- 7) 1. ♗g2 → 2. ♗xg7#
- 8) 1. ♗h6 ♗xf6 2. ♗f8#
- 9) 1. d5 → 2. ♗g7#
- 10) 1. ♖h1 → 2. ♖h8#
- 11) 1. ♙h3 → 2. ♙f1#
- 12) 1. ♞d5 → 2. ♖c7#; 1. ... exd5 2. exd5#

5 Mate / Bringing in the helper: A

- 1) 1. ... ♞h4 → 2. ... ♗g2#
- 2) 1. ♞f6 ♙g7 2. ♗h7#
- 3) 1. ♙b7 → 2. ♖a8#
- 4) 1. ♖a1 → 2. ♗a8#
- 5) 1. ♙h6 → 2. ♗g7#; 1. ... ♞f5 2. ♗xd8+
- 6) 1. ♞g5 → 2. ♗xh7#
- 7) 1. ... f3 → 2. ... ♗g2#; 2. ♖g1 ♗h4#
- 8) 1. ♙g6 → 2. ♗h7#
- 9) 1. ♙c5 → 2. ♗e7#
- 10) 1. h3 → 2. ♙g4#; 1. ... f5 2. ♙e8# (2. ♙xf5? ♗c7+)
- 11) 1. ♗f7 → 2. ♗d7#
- 12) 1. ♖e7 → 2. ♗xg7#; 1. ... ♗xf7 2. ♖xf7#

6 Mate / Bringing in the guard: A

- 1) 1. ... ♙g3 → 2. ... ♖d1#
- 2) 1. ♗g7 → 2. ♖f8#
- 3) 1. ... b3 → 2. ... ♖a1#
- 4) 1. ♙g3 → 2. ♞g5#
- 5) 1. d6 → 2. ♗h8#; 1. ... g6 2. ♗xf7#
- 6) 1. ♖f1 → 2. ♗h8#
- 7) 1. ♙f6 → 2. ♖h8#
- 8) 1. ... ♞f4 → 2. ... ♗h1#
- 9) 1. ♙b4 → 2. ♖d6#
- 10) 1. f4 → 2. ♖f7#; 1. ... ♙e6 2. ♞h7#
- 11) 1. ♞b6 → 2. b4#
- 12) 1. ♖d7 → 2. ♖d6#

7 Cooperation (♖♖) #2: A

- 1) 1. ♖2g4
- 2) 1. ♖b2 ♙d1 2. ♖f1#
- 3) 1. ♖h7 ♙e8 2. ♖g8#
- 4) 1. ♖e3 ♙g1 2. ♖e1#
- 5) 1. ♖c6 ♙f5 2. ♖d5#
- 6) 1. ♖hf2 ♙e5 2. ♖e3# (2. ♖e2#)
- 7) 1. ♖b5 ♙d6 2. ♖f6#
- 8) Drawing
- 9) 1. ♖h7 ♙f5 2. ♖h5#
- 10) 1. ♙a5 ♙h3 2. ♖h1#
- 11) Drawing
- 12) 1. ♖e7 ♙d1 2. ♖d3#

8. Discovered check: #2

- 1) 1. ♖e6 ♜f8 2. ♙f6#
- 2) 1. ♜g3 ♜xh2 2. ♜g1#
- 3) 1. ♙a4 ♜xa2 2. ♙xc2#
- 4) 1. h5 g6 (1. ... g5 2. hxg6#) 2. hxg6#
- 5) 1. ♜a4 c1♚+ (1. ... b5 2. ♜xb5#) 2. ♜c6#
- 6) 1. ♙d4 ♜xb4 2. ♙xb6#
- 7) 1. ♙e1 ♜g1 2. ♙xg3#
- 8) 1. ♜h2 ♜h5 2. ♜g3#
- 9) 1. ♜f3 ♜h5 (1. ... ♜h3 2. ♜h6#) 2. ♜g3#
- 10) 1. ♙c3 b4 (1. ... ♜a3 2. ♜b6# (2. ♜xb5#)) 2. ♜b6#
- 11) 1. ♜xe2 ♜h2 (1. ... h2 2. ♜a1#) 2. ♜f1#
- 12) 1. c8♙ ♜xg8 2. ♙f5#

9 Pawn endings / Play the best move: A

- 1) 1. b4
- 2) 1. ... h3
- 3) 1. f7 ♜xf7 2. ♜d5
- 4) 1. g3 (1. gxh3 f4)
- 5) 1. ♜a6
- 6) 1. ... ♜c5 (1. ... ♜xc4? 2. ♜b6)
- 7) 1. ♜f4 ♜g2 (1. ... ♜e2 2. ♜xe4) 2. ♜xg4
- 8) 1. ... c2 (1. ... b2? 2. h7 b1♚ 3. h8♚+ ♚b8 4. ♚h1+) 2. h7 c1♚+
- 9) 1. f4+ ♜xf4 2. ♜xd6
- 10) 1. b8♚+ (1. g8♚? g1♚+) 1. ... ♜xb8 2. f8♚+
- 11) 1. h3 ♜g3 2. ♜xh6 ♜xh3 3. g5
- 12) 1. h5 (1. f5? h5)

10 Pawn endings / Play the best move: B

- 1) 1. ... ♜b8
- 2) 1. b4 ♜g3 stalemate
- 3) 1. ... g6
- 4) 1. ... a5
- 5) 1. g5 fxg5 2. fxg5
- 6) 1. ... g4 2. hxg4 ♜xg4
- 7) 1. ♜f1
- 8) 1. ♜e2 or 1. ♜e1
- 9) 1. ... h5 2. gxh5 ♜xh5 3. ♜c4 ♜g4
- 10) 1. ♜f8 h2 2. g7 h1♚ 3. g8♚+
- 11) 1. ... ♜e5 2. ♜xb7 (2. c5 ♜d4) 2. ... ♜d4
- 12) 1. ♜d3 (1. cxb5 ♜xd5) 1. ... bxc4+(1. ... b4 2. ♜c2) 2. ♜xc4

11 Opening / Best move? : A

- 1) c2-c3

This pawn move is the best or the three. The bishop cannot move to c5 (an active place for the bishop) because d4 wins another tempo. The moves 1. ♜c3 and 1. ♙d2 are not bad.

- 2) ♚f3-g3

Playing two times with the same piece is correct when you can get a clear advantage. The queen attacks two pawns. The move 1. ♙e3 is better than 1. ♜d5.

- 3) ♜g8-f6

Developing is the best. White can reply 2. ♙e3 after a check by the queen. The queen is in the way or his own bishop. Capturing on f3 is a bad move. The pin is useful for Black.

- 4) ♙f8-g7

Black must develop. The bishop move prepares 2. ... ♜ge7. Right away the move is very bad: ♜f6#. The move 1. ... ♙g4 is a waste of time if White plays h3.

- 5) ♚d1-d2

After 1. g3 ♜f3# White is mated. Capturing on d4 is not to be considered, because after 1. ... cxd4 the knight must return to b1 (2. ♜b5 ♚a5+).

- 6) ♚d4-d3

The logical place for the queen. On e3 she is in the way of the bishop on c1. On d1 the queen must be developed again.

- 7) ♜c6-d4

A fine move. The threat is ♜xc2+ and besides that the move clears square c6. After that the irritating

knight on d5 can be chased away. After 1. ... ♖f6 the move 2. ♕g5 annoys. This move is annoying after 1. ... ♕e6 as well (2. ... f6 3. ♖xf6+)

8) ♖f3-g5

Black cannot protect f7.

9) ♖g8-f6

Developing is correct. Capturing on d4 only supports White's development and 1. ... ♖f6 is bad on account of 2. ♖db5.

10) c2-c3

The most natural move. Also 1. ♖xd4 is a good move. The position arises now and then, because trainers (?) recommend their pupils this trap. After 1. ♖xe5 ♖g5 2. ♖xf7 ♖xg2 3. ♖f1 ♖xe4+ 4. ♕e2 ♖f3# the point is on the scoreboard.

11) ♖d1-e2

Wins a pawn after 1. ... ♖e7 2. ♖xe4 d6. After the popular response 1. ... ♖f6, 2. ♖c6+ decides. Nothing brings 1. ♖f3 ♖f6. The pawn move is too tame.

12) c6-c5

Very strong because White cannot take (♖b4+). The bishop on h6 faces a well protected pawn. On d6 the bishop is better off.

12 Opening / Play the best move: A

1) 1. ♖xd1

2) 1. ♖c3

3) 1. ♖e2

4) 1. dxe5 ♕xf3 2. ♖xf3 dxe5 3. ♕c4

5) 1. ♕a3

6) 1. d6 ♕f8 2. ♖e2+

7) 1. ... d4 2. ♖e4? ♖xe4 and 3. ... ♕b4+

8) 1. ♖g5

9) 1. exd4 (1. ♖xd4 ♖a5+; 1. ♖xd4 ♖c6)

10) 1. e4

11) 1. ... d5

12) 1. ... e6! (1. ... ♖c8? 2. ♖f6+)

13 Opening / Tactics: A

1) 1. ♖b5+ (double attack: queen)

2) 1. ... ♕b4 (pin)

3) 1. ♖xf6+ (eliminating the defence: capturing + material)

4) 1. ... ♖f3+ 2. gxf3 ♖xd4 (discovered attack)

5) 1. ♕xf7+ (eliminating the defence: capturing + material)

6) 1. ♖a4+ (double attack)

7) 1. ♕h5 (pin)

8) 1. ♕xc6+ bxc6 2. ♖xd4 (eliminating the defence: capturing + material)

9) Drawing

10) 1. ♖c6 (double attack: knight)

11) 1. ... ♖h4+ (double attack: queen)

12) 1. ♕b5 (pin)

14 Opening / Tactics: B

1) 1. ... ♕xc3+ 2. bxc3 ♖xd5 (eliminating the defence: capturing + material)

2) 1. ♖e6+ fxe6 2. ♖xd8+ (discovered attack)

3) 1. h6 (eliminating the defence: chasing away + material)

4) 1. ... ♖b4+ (double attack: queen)

5) 1. ♕g5 (pin)

6) 1. ... ♖xd4 (eliminating the defence: capturing + material)

7) 1. e5 dxe5 2. ♕xc6 (discovered attack)

8) 1. ... ♕xd4+ (eliminating the defence: luring away + material)

9) 1. ♖h5+ (double attack: queen)

10) 1. ... ♕g5 (pin)

11) 1. ♕xf6 ♕xf6 2. ♖xd7 (eliminating the defence: capturing + material)

12) 1. c5 bxc5 2. ♕xa6 (discovered attack)

15 Opening / Tactics: C

1) 1. f4 (eliminating the defence: chasing away + material)

2) 1. ♖e1+ ♕e7 2. ♖xa5 (double attack: queen)

3) 1. ♖e1 (pin)

4) 1. ... ♖xf3+ 2. ♖xf3 ♖xg5 (eliminating the

defence: capturing + material)

5) 1. ... ♕b4+ 2. ♖d2 ♕xd2+ (discovered attack)

6) 1. ♖h5 (1. ♖d5 ♕xg3+) 1. ... ♖xd4 2. ♕xf4 (double attack: knight)

7) 1. ♖c4 (double attack: queen)

- 8) 1. ... ♕f4 (pin)
- 9) 1. ♖h4 (eliminating the defence: chasing away + material)
- 10) 1. dxc5 ♖xc5 2. ♗xg4 (discovered attack)

16 Opening / Tactics: D

- 1) 1. ♕h3 (pin)
- 2) 1. ... ♕xf3 (eliminating the defence: capturing + material)
- 3) 1. ... ♖xd4 2. ♖xd4 ♖xc1+ (2. ♗d1 ♖xf3+ and ♗xe5+) (discovered attack)
- 4) 1. ... ♕f4 (eliminating the defence: chasing away + material)
- 5) 1. ... ♗c5 (pin)
- 6) 1. ♗b3 (pin)

17 Opening / Tactics: E

- 1) 1. ♕b5+ ♖d7 2. ♗xd5 (discovered attack)
- 2) 1. ♕xc6+ bxc6 2. ♗xb4 (eliminating the defence: capturing + material)
- 3) 1. ... ♗f6 2. f3 ♗xa1 (double attack: queen)
- 4) 1. ♗c3 (pin)
- 5) 1. b4 (eliminating the defence: luring away + material)
- 6) 1. ♕b5+ c6 2. ♗xd5 (discovered attack)
- 7) 1. ♕xc6 dxc6 2. ♖xb4 (eliminating the defence:

- 11) 1. ♖xf6+ (eliminating the defence: capturing + material)
- 12) 1. ... ♗f5 (double attack: queen)

- 7) 1. ... ♖xe3 (eliminating the defence: capturing + material)
- 8) 1. ... ♖b6 2. ♕b3 ♗xd6 (discovered attack)
- 9) 1. ♖a5 (eliminating the defence: chasing away + material)
- 10) 1. ♗d5 (double attack: queen)
- 11) Drawing
- 12) 1. ♖c4 ♗d5 2. ♕xe7 (eliminating the defence: chasing away + material)

- capturing + material)
- 8) 1. ... ♗e5 (double attack: queen)
- 9) 1. ... ♕a4 (pin)
- 10) 1. ♕xd7+ (eliminating the defence: luring away + material)
- 11) 1. ♕e4 ♖xe4 2. ♗d8# (discovered attack)
- 12) 1. ... ♕xc4 2. ♕xc4 ♖xb6 (eliminating the defence: capturing + material)

18: Getting out or check: A

- 1) 1. ♕f2+ (material gain)
- 2) 1. b4 e5 2. ♗c3 (material gain)
- 3) 1. ... ♖f8 (1. ... ♖h6 ♗h1#)
- 4) 1. ♕d2 (otherwise 1. ... ♗xg5)
- 5) 1. ♗f1+ (material gain); After 1. ♖f1, Black can protect ♖c6 (1. ... ♗c1) or ♖f1 keep attacking (1. ... ♗abc1).

- 6) 1. ... c6 2. ♗xa5 ♖xc2# (mate)
- 7) 1. ♖h1 (1. ♖g2 ♖xe1+) (prevent material loss)
- 8) 1. ... ♖f7 (1. ... ♖h8? 2. ♖g6#) (prevent mate)
- 9) 1. ♖f2 (otherwise 1. ... ♕a6)
- 10) 1. ... ♖h8 (1. ... ♖f8 2. ♕xa3#) (prevent mate)
- 11) 1. ♗e1 (material gain, the queen has no square)
- 12) 1. ♗xf2 (1. ♖c1 ♗g1#) (prevent mate)

19 Getting out or check: B

- 1) 1. ... ♖f8 (1. ... ♖h8? 2. ♗xg6#)
- 2) 1. ... ♖f8 (1. ... ♖xf6 2. ♖e4#) 2. ♖ce4 ♖f7
- 3) 1. ... ♗f8 (1. ... ♗xe8? 2. ♗xe8+ ♗f8 3. ♗xf8#)
- 4) 1. ♕f3 (1. ♕xf1 stalemate) 1. ... ♗a1 2. ♗h5#
- 5) 1. ... ♖f6 (1. ... ♖f5 2. ♖e3+; 1. ... ♖f7 2. ♖e5+; 1. ... ♖xd5 2. ♖b6+; 1. ... ♖d7 2. ♖b6+/♖e5+)
- 6) 1. ... ♗xe5+ (otherwise 2. ♖xg4) 2. dxe5 ♕xd1

- 7) 1. ... ♖xd7 (1. ... ♗xd7? 2. ♗xg5)
- 8) 1. ♖d5 (1. ♖g1 ♗e1#; 1. ♖f1 ♗h1#) 1. ... ♗xg7 2. ♗xg7
- 9) 1. ♕e3 (1. ♗d4/e3 ♕c5) 1. ... ♕c5 2. ♕xc5 ♗xc5+ 3. ♗d4
- 10) 1. ♗e2 (1. ♕e2 ♗xc5)
- 11) 1. ... ♖xf6 (1. ... ♗xf6 2. ♗xh5+)
- 12) 1. ... ♕g4 (1. ... ♖h8 2. ♗xf8#) 2. ♗xg4+ ♖h8

20 Getting out or check: C

- 1) 1. ♖c4+ (1. ♖b1 ♗b3+ 2. ♕b2; 1. ♖b2 ♗b3#) 1. ... ♖a6 2. ♗a5#
- 2) 1. ♗xe6+ (1. ♖f1 ♗h1#; 1. ♖d3 ♗e3+ 2. ♖d2 ♗xc4) 1. ... ♗xe6+ 2. ♕xe6+
- 3) 1. ♗c3 (protects the knight)
- 4) 1. ♖g5 (1. ♖e2? ♕b5+ 2. ♖d1? ♗xa1#) 1. ... ♕xg5+ 2. f4
- 5) 1. ♖e1 (1. ♗e1 ♗d1+ 2. ♗xd1 ♗xd1+ 3. ♖a2 ♕c4#) (1. ♖a2 ♕c4#)

- 6) 1. ♖a1 ♜xb7 (1. ... ♖d8 2. g8♙+ ♕xg8 3. b8♙+ ♜xb8) 2. g8♙+ ♕xg8
- 7) 1. ♜d1 (1. ♕g1 ♙xa1; 1. ♙xc1 ♜xc1+ 2. ♕g1 ♕c5) 1. ... ♙xa1 2. ♜xa1
- 8) 1. ... ♙e7 (otherwise White captures on b2) 2. fxe7 ♕g7
- 9) 1. ♖f1 (1. ♖e2 ♙xd5; 1. axb4 ♙xd5; 1. ♖d2 ♙xd5)
- 10) 1. ♖f4 (1. f3 ♖xd5; 1. ♖h4 g5#; 1. ♕f3 ♖xd5)
- 11) 1. ... ♖h7 (1. ... ♜xd8? 2. ♜xd8+ ♖h7 3. ♜h8#)
- 12) 1. ... ♙xg8 (1. ... ♖xg8 2. ♜g1) 2. ♜a8 ♜c8

21 Choose the correct capture: A

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|--------------------------------------|--|
| 1) 1. ... fxe6 (1. ... ♜xe6 2. ♙g7#) | 7) 1. cxb3 (1. axb3 ♜xc2) |
| 2) 1. axb4 (1. ... cxb4 2. ♕xa1) | 8) 1. ♕xd1 (1. ♜axd1 ♕xf3) |
| 3) 1. hxg4# | 9) 1. ... ♖xf6 (1. ... ♕xf6 2. ♙h7+) |
| 4) Drawing | 10) 1. cxb3 (1. axb3 ♙c1+) |
| 5) Drawing | 11) 1. ♜xb4 (otherwise ♜a1 is lost) |
| 6) 1. ... ♖xe6 (1. ... ♜xe6 2. ♙g7#) | 12) 1. dxc4 (otherwise the a-pawn moves on?) |

22 Defending against scholar's mate: A

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|---|-----------------------------------|
| 1) 1. ... dxe5 | 7) 1. ... e6 |
| 2) 1. ... ♖f6 or 1. ... ♖g5 (1. ... d5 2. ♙xf7#) | 8) 1. ... ♖f6 |
| 3) 1. ... d5 is better than 1. ... ♙e7) | 9) Drawing |
| 4) 1. ... g6 | 10) 1. ... f5 (1. ... ♖e5 2. ♙f6) |
| 5) 1. ... ♙xd5 (1. ... ♕xf2+ 2. ♖e2 ♙xd5 3. ♕xd5) | 11) 1. ... d5 |
| 6) 1. ... ♕e6 (1. ... ♖f6 2. ♕xf7#) | 12) 1. ... d5 2. exd5 e4 |

23 Give a safe check: A

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|---------------------------|-------------------|
| 1) Example: ♜d5-d3-h3-h2+ | 7) ♜d8-f8-f7-b7+ |
| 2) ♜a6-a1-f1-f7+ | 8) ♜g3-h3-h7-f7+ |
| 3) ♜h3-a3-a1-b1+ | 9) ♜e1-e8-b8-b5+ |
| 4) ♜a6-a1-c1-c3+ | 10) ♜h3-h4-g4-g1+ |
| 5) ♜d2-d1-c1-c4+ | 11) ♜a7-a5-c5-c8+ |
| 6) ♜g8-b8-b2-a2+ | 12) ♜b5-b8-d8-d7+ |

24 Give a safe check: B

- | | |
|------------------|-------------------|
| 1) ♕c1-b2-g7-f8+ | 7) ♕e7-b4-e1-f2+ |
| 2) ♕e4-g2-h3-c8+ | 8) ♕a4-d1-h5-f7+ |
| 3) ♕d1-c2-b1-a2+ | 9) ♕b6-e3-c1-b2+ |
| 4) ♕c6-d7-h3-f1+ | 10) ♕b6-g1-h2-e5+ |
| 5) ♕d5-c6-a4-c2+ | 11) ♕d8-b6-g1-h2+ |
| 6) ♕a5-b6-a7-b8+ | 12) ♕f8-g7-e5-g3+ |

25 Give a safe check: C

- | | |
|---------------|----------------|
| 1) ♙g2-c2-c3+ | 7) ♙f4-f1-d1+ |
| 2) ♙h2-a2-a8+ | 8) ♙d2-a5-b5+ |
| 3) ♙c7-b7-a8+ | 9) ♙b7-a7-a2+ |
| 4) ♙f1-f8-g8+ | 10) ♙f6-a1-h1+ |
| 5) ♙c7-g3-h4+ | 11) ♙a4-a2-h2+ |
| 6) ♙f1-a6-a7+ | 12) ♙h8-a8-a1+ |

26 Choose the safe way ●: A

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|--------------------------|-----------------------|
| 1) Example: ♜g6-b6-b1-g1 | 5) ♕f2-b6-d8-f6-h8 |
| 2) ♜c1-c3-b3-b6 | 6) ♙a1-a8-h1-h2 |
| 3) ♜b2-b3-g3-g8-h8 | 7) ♖b3-c5-b7-d6-f7-h8 |
| 4) ♕g2-f1-a6-c8-d7 | 8) ♖b3-d4-b5-d6-f7-h8 |

- 9) ♖b3-d4-f3-h2-g4-h6-f7-h8
- 10) ♕b5-d7-g4-d1-c2-b1

- 11) ♗c2-e1-g2-f4-e2-c3-b5-c7-a8
- 12) ♘b2-c1-d1-e2-e3-f4-e5-e6-e7-f8

27 Choose the safe way ●: B

- 1) ♘b1-a2-a3-b4-a5-b6-a7-a8
- 2) ♘d2-e1-f1-g2-g3-h4-g5-h6
- 3) ♘c1-b1-a2-a3-b4-a5-a6-a7-b8-c8-d8-e8-f7
- 4) ♘c1-b2-b3-c4-d4-e5-e6-f7-f8
- 5) ♘e8-d8-c8-b8-a7-b6-a5-b4-a3-b2-c1-d2-e1-f2-g1
- 6) ♘b4-c3-d2-e1-f2-g1-h2-h3-g4-f4-e5-f6

- 7) Drawing
- 8) Drawing
- 9) ♘g7-h6-g5-f5-e5-d6-c5-b5-a4-b3-c2-d2-e1-f1-g1
- 10) Drawing
- 11) Drawing
- 12) ♘g1-f2-e2-d2-c3-d4-c5-c6-d7-e6-f6-g5-h4-h3

28 Mate planner: A

- 1) Example
- 2) ♖c6 ♕g5#
- 3) ♕g5 ♗f6#
- 4) ♖e4 ♕b7#
- 5) ♘g2 ♖e4#
- 6) b3 ♖c4#
- 7) ♕a8 ♖b7#
- 8) ♖b5 ♗b2#
- 9) ♖g4 ♖a5#
- 10) ♕a5 ♖d5#
- 11) ♖d5 g3#
- 12) ♖b2 ♖b4#

29 Mate planner: B

- 1) ♖f8 ♖b4#
- 2) ♖c4 ♖e4#
- 3) e3 ♖a5#
- 4) ♕a6 ♗d3#
- 5) ♖e6 g4#
- 6) ♖b8 ♗e5#
- 7) ♖f8 ♖h6#
- 8) ♖e6 ♗h3#
- 9) ♘e4 ♗f4#
- 10) ♕h5 ♖h2#
- 11) g8 ♗ ♖g5#
- 12) ♗e6 ♖e1#

30 Capture all black pieces: A

- 1) Drawing
- 2) ♖a2xb1xb2xg7
- 3) ♖c4xf7xf5xg4xh3
- 4) ♘f7-e7-d8-c7xc6-d5xe4
- 5) ♖b4xf8xf5xd3
- 6) ♖e7xe4xd4xd2
- 7) h4 hxg5 f5 fxe6 e7 e8 ♗ ♗xg7
- 8) ♘e4xe3xe2 ♖xb5
- 9) ♖e5xe3xe2 ♘xb5
- 10) ♗xb2-d3xc5xe6
- 11) ♕d7xg4 ♕e2xd3xg6
- 12) ♗f2-h1-g3-f1-h2-f3-h4-g2-f4xe6xc7xd5

31 Creating mate (♖♗): A

- 1) ♖a3 / ♗d2
- 2) ♖b7 / ♗c4
- 3) ♖h5 / ♗e7
- 4) ♖e1 / ♗c2 (♗d3 is an illegal position)
- 5) ♖c7 / ♗f4
- 6) ♖d6 / ♗h6
- 7) ♖a7 / ♗b6
- 8) ♖d1 / ♗e6
- 9) ♖e3 / ♗e7
- 10) ♖e6 / ♗g6
- 11) ♖c4 / ♗g4
- 12) ♖a5 / ♗d8

32 Creating mate (♖♕): B

- 1) ♖a8 / ♕c6
- 2) ♖h4 / ♕d5
- 3) ♖a7 / ♕c5
- 4) ♖d4 / ♕h3 Put ♘c3 on d3 and create two more mating patterns.
- 5) ♖e5 / ♕b5
- 6) ♖g1 / ♕d1
- 7) ♖e6 / ♕b6
- 8) ♖g6 / ♕h6
- 9) ♖g4 / ♕d4
- 10) ♖e7 / ♕e3
- 11) ♖d8 / ♕d5 (♕a8 is an illegal position)
- 12) ♖d5 / ♕d8

33 Creating mate (♖♗): C

- 1) ♖b5 / ♗c3
- 2) ♖b5 / ♗a3; ♖b5 / ♗d6
- 3) ♖e7 / ♗e6
- 4) ♖c5 / ♗d3
- 5) ♖c6 / ♗e7
- 6) ♖a6 / ♜a3
- 7) ♖e5 / ♗f7
- 8) ♖d5 / ♗d2
- 9) ♖b5 / ♗c3
- 10) ♖f7 / ♗g6
- 11) ♖e7 / ♗a7
- 12) Drawing

34 Creating mate (♙♚ / ♙♗ / ♗♗): D

- 1) ♙g3 / ♙f5
- 2) ♙b4 / ♙d1
- 3) ♚f3 / ♚e3
- 4) ♙f5 or ♙f7 / ♙h8 (last move h8♙ or gxh8♙)
- 5) ♙c6 / ♗d7
- 6) ♙c5 / ♗c7
- 7) ♙c5 / ♗c7
- 8) ♙e5 / ♗h6
- 9) ♜f3 / ♜c3
- 10) ♜f3 / ♜g3
- 11) ♗h6 / ♗e6
- 12) ♗f4 / ♗e4

35 Creating mate (♖ or ♙ or ♗): A

- 1) ♖c2 - ♙a3 - ♗d3
- 2) ♖c6 - ♙b7 - ♗c7
- 3) ♖b2 - ♙a4 - ♗a1
- 4) ♖e6 - ♙b8 - ♗c4
- 5) ♖a6 - ♙c5 - ♗c8
- 6) ♖f5 - ♙g7 - ♗g4
- 7) ♖f5 - ♙d6 - ♗g6
- 8) ♖h3 - ♙e1 - ♗f5
- 9) ♖f5 - ♙e3 - ♗e6
- 10) ♖b3 - ♙e1 - ♗a2
- 11) ♖d5 - ♙b4 - ♗b7
- 12) ♖d4 - ♙f5 - ♗f2

36 Creating mate: E

- 1) ♘c5, ♙d6, ♖f4
♙e5
- 2) ♘c8, ♙d8, ♙g8
♙e7
- 3) ♘g8, ♙f8, ♗c5
♙e8
- 4) ♙c5, ♗d3, ♙f5
♙d5, ♚d4 (or ♙d4, ♚d5)
- 5) ♘b2, ♙c3, ♗g5, ♗e7
♙d4
- 6) ♘c1, ♙f1, ♗c2, ♗d2
♙e2
- 7) ♘e4, ♖h6, ♗f7
♙g5, ♚g4
- 8) ♘g7, ♖e5, ♗g2
♙g5, ♚g4
- 9) ♙e3, ♖h6, ♘e6
♙g5, ♚g4
- 10) ♘e6, ♖c3, ♗h3
♙f4, ♜g4, ♙e4
- 11) ♘g3, ♙c2, ♙f2
♙e3, ♚d2, ♚e2
- 12) ♘e2, ♙c3, ♗d6
♙e4, ♚d5, ♚f4

37 Forcing stalemate: A

- 1) 1. ♙g8+ ♖xg8 stalemate
- 2) 1. ♖a5+ ♙xa5 stalemate
- 3) 1. ♙d8+ ♙xd8 stalemate
- 4) 1. ♙g3+ ♘xg3 stalemate
- 5) 1. ♙h3+ ♘xg3 stalemate
- 6) 1. ... ♙c7+ 2. ♙xc7 stalemate
- 7) 1. a7 ♖xb7+ 2. ♘h8 ♖xa7 stalemate
- 8) 1. ♖g3 (1. ♖f8 e1♙+) 1. ... e1♙ stalemate
- 9) 1. ♙b6 ♙xb6 stalemate
- 10) 1. ♙c7+ ♙xc7 stalemate
- 11) 1. g4 ♙xc2 stalemate
- 12) 1. d4+ ♙xc2 stalemate

38 Forcing stalemate: B

- 1) 1. ♘f2 (1. ♙xb5 ♗d4+) 1. ... ♙xd3 stalemate
- 2) 1. ♗a5 ♖xa5 2. a8♙ (2. a8♖ ♖b5+ 3. ♘a2 ♘xc2) 2. ... ♖xa8 stalemate
- 3) 1. d6 ♙xd6+ 2. ♘h4 ♙xh2 stalemate
- 4) 1. ♖xc6+ ♘xc6 2. e8♙+ ♙xe8 stalemate
- 5) 1. d7 ♖c7 2. ♘h8 ♖xd7 stalemate
- 6) 1. ♘d4 ♙b2+ 2. ♘c5 ♙xe5 stalemate
- 7) 1. ♙f3+ ♙xf3 2. gxh3+ ♘xh3 stalemate
- 8) 1. d5+ ♙xd5 (1. ... ♘xd5 2. ♙f3+) 2. ♙c4 ♙xc4 stalemate
- 9) 1. c7 (1. ♘d7 ♙f4 2. ♘e6 b5) 1. ... ♙f4+ 2. ♘d5 ♙xc7 stalemate

- 10) 1. ♖f6 ♕e5 2. ♖h6 ♕xf6 stalemate (2. ... ♗g8 3. ♖xg8 ♕f5 4. ♖e7+)
- 11) 1. c4 bxc3+ 2. ♖a4 ♙xa2 stalemate (2. ... ♙c6+ 3. ♖b3)

39 Lifting stalemate: A

- 1) 1. ♖e6
- 2) 1. ... b5 2. axb5 c3
- 3) 1. ♙g8
- 4) 1. ♖h1 (1. ♖g1) 1. ... ♖xh3 2. f5
- 5) 1. ... ♙b3 2. ♖xb3 c1♙
- 6) 1. ♙c4 bxc4 2. b5
- 7) 1. ♖b1 axb1♙+ 2. ♗xb1+

40 Lifting stalemate / #2: B

- 1) 1. ♖f3 ♕xh4 2. ♗h6#
- 2) 1. a3 bxa3 2. ♗xa3#
- 3) 1. ♙b3 axb3 2. ♗a7#
- 4) 1. ♙f2 gxf2 2. g4#
- 5) 1. b4 ♖a3 2. ♗a1#
- 6) 1. ♙h1 ♕xh1 2. ♗xh3#
- 7) 1. ♙d4 ♕xb4 2. ♙xb6#

41 Avoiding stalemate: A

- 1) 1. c8 ♗
- 2) Drawing
- 3) 1. ♙g4+
- 4) 1. ♗c1
- 5) 1. ♗d3+
- 6) 1. ♙d5
- 7) 1. ♖b3 ♕xb3 (1. ... ♙xh3 2. ♖c5#) 2. ♖d4+
- 8) 1. ... ♙g3

42 Stale is inevitable / Yes or no: A

- 1) No: 1. ... ♙b1
- 2) Ja
- 3) No: 1. ... ♖e4
- 4) Ja
- 5) Yes: 1. ... ♗b3+ 2. axb3 axb3 stalemate
- 6) Ja
- 7) Ja (1. ... ♙b4+ it's not a stalemate, but a loss.)

43 Stalemate / Where is the king stalemated: A

- 1) ♖a2 ♖a4 ♖c4
- 2) ♖f1 ♖h1 ♖e3
- 3) ♖h3 ♖h5 ♖h1
- 4) ♖a1 ♖h2 ♖g7 ♖h4
- 5) ♖a7 ♖h7 ♖h5 ♖c7
- 6) ♖a3 ♖b6 ♖c3 ♖e7

44 Winning material: A

- 1) 1. ♙xf8+ ♕xf8 2. ♗xe6
- 2) 1. ♙xf6+ ♕xf6 2. cxb6

- 12) 1. fxe4+ (1. ♙xe4+? ♙xe4 2. fxe4+ ♕xe4 3. ♖g3 ♕f5 4. ♖f2 ♖f4 5. ♖g2 g3 6. ♖g1 ♕f3 7. ♖f1 g2+ 8. ♖g1 g4 0-1) 1. ... ♙xe4 2. ♖g3 ♙xc2 stalemate

- 8) 1. ... ♗f6
- 9) 1. ♖f3 gxf3 2. ♖g1
- 10) 1. ♖d3 (1. ♙xc5 dxc5 2. d6 ♖b2 3. d7 a1♙ 4. d8♙ ♙c1+ is a draw; 1. ♙b4 cxb4 2. ♖c2 b3+ 3. ♖xb3 is a draw) 1. ... ♖b1 2. ♖c3+
- 11) 1. ♙g8 ♖b1 2. ♖c3+
- 12) 1. ♗a1 bxa1♙ 2. ♗b8#

- 8) 1. ♗a3 bxa3 2. ♙c3#
- 9) 1. ♗f6 gxf6 (1. ... g6 2. ♗f8#; 1. ... gxh6 2. ♗f8#) 2. ♙xf6#
- 10) 1. ♖f6 ♖h8 2. ♖f7#
- 11) 1. ♗c1 ♖b5 2. ♗c5#
- 12) 1. ♙e4 dxe4 2. ♗d8#

- 9) 1. ♖a1
- 10) 1. ♙b7 ♙b8 (1. ... ♙xb7 2. axb7 a5 3. b8♙ a4 4. ♙h8#) 2. ♙g2#
- 11) 1. h8♙+ (1. h8♙+? ♖b3 2. ♙xa1) 2. ♙g2#
- 12) 1. ♖g3 (1. ♖h2 g3+ 2. ♖xh3 g2 3. ♖xg2 stalemate) 1. ... h2 2. ♖xh2 g3+ 3. ♖g1 g2 4. ♖b4 ♖xa7 5. ♖xg2

- 8) No: 1. ... ♙b3
- 9) No: 1. ♗g6+
- 10) No: 1. ... f3
- 11) Yes: 1. ♗g4 hxg4 2. hxg4; 1. ♗g6+ is a draw too.
- 12) No: 1. ♖b4 ♖b2 2. ♙h2+ ♖a1 3. ♙e5#

- 7) ♖f5 ♖f3 ♖h5 ♖h3
- 8) ♖h1 ♖f1 ♖a7 ♖h8
- 9) ♖a8 ♖c8 ♖h8 ♖a6 ♖e6
- 10) ♖d8 ♖f8 ♖h8 ♖h6 ♖h4
- 11) ♖a1 ♖a3 ♖c3 ♖e3 ♖g5 ♖h8
- 12) ♖f8 ♖g6 ♖g4 ♖e4 ♖c5 ♖c1 ♖a1

- 3) 1. b8♙ (1. bxc8♙+ ♙xc8 2. ♖f3 ♙d6) 1. ... ♗xb8 2. ♗xb8+

- 4) 1. ♖e5+ ♜f8 2. ♙xd8
- 5) 1. ♙c6 ♖f8 2. ♙xa8
- 6) 1. ♙d5+ ♜h8 2. ♙xe4
- 7) 1. ... ♜d6 2. ♚g5 gxh5
- 8) 1. ♖xf8+ ♜xf8 2. ♙xa5

- 9) 1. ♖g2+ ♜7g6 2. fxe6
- 10) 1. ♖c3 ♖d7 2. ♙xh6
- 11) 1. ♚h1 (1. dxe8♖+ ♜xe8; 1. d8♖ ♖c5) 1. ... ♜g8 2. dxe8♖#
- 12) 1. ... ♖xa4

45 The pin: Pin: A

- 1) Drawing
- 2) 1. ... ♖a5
- 3) 1. ♙f4
- 4) 1. ♖f3
- 5) 1. ♙f4
- 6) 1. ... ♙b4
- 7) 1. ♖e2
- 8) 1. ♙c3
- 9) 1. ♖e4
- 10) 1. ♚h4
- 11) 1. ♖a4
- 12) 1. ♖d4

46 Double attack / Mating threat: A

- 1) 1. ... ♜c5 2. c3 ♚a8#
- 2) 1. ♜d3 ♚e3 2. ♚d4#
- 3) 1. ♙b3 a1♖ 2. ♙f7#
- 4) 1. ♜c4 ♚d1 2. ♜c6#
- 5) 1. ♜g3 ♜g6 (1. ... ♙b1 2. ♜f4#) 2. ♜f4+
- 6) 1. ♜f5 ♚xe7 2. g4#
- 7) 1. ♜f4 ♚h1 2. ♚c6#
- 8) 1. ♜b3 a1♖? 2. ♜e6#
- 9) 1. ♜f4 (1. ♜f8 ♜e5) 1. ... ♚g1 2. ♚d5#
- 10) 1. c4 ♜xc4 (1. ... ♜d1 2. b3#; 1. ... ♚d3 2. ♜c5#) 2. ♜c3#
- 11) 1. ♜g2 ♚e1 2. ♙f6#
- 12) 1. ♚b2 ♖g1 2. ♙b7#

47 Passed pawn: A

- 1) 1. f7
- 2) 1. ... ♙a4
- 3) 1. ♜xe6 ♖f6+ 2. ♜d4
- 4) 1. f8♖+ ♜xf8 2. ♖xd7
- 5) 1. c7
- 6) 1. a7
- 7) 1. ♜d5+
- 8) 1. ♜e6
- 9) 1. ♜f5
- 10) 1. ♖g7+ ♖xg7 2. hxg7 a3 3. g8♖
- 11) 1. ♜c4
- 12) 1. ♙b3 ♙e6 2. ♙xe6

48 Passed pawn: B

- 1) 1. ♙h7+ ♜xh7 2. g8♖#
- 2) Drawing
- 3) 1. ... ♙h3+ 2. ♜xh3 exf1♖+
- 4) 1. ♙b4 (1. ♙g7 ♙xa3) 1. ... ♙xb4 2. axb4
- 5) 1. ♚g5 ♚xg5 2. h8♖
- 6) 1. ... ♜b8
- 7) 1. ♚b7+ ♚xb7 2. cxb7
- 8) 1. f3+ ♜xf3 2. c7
- 9) 1. ♙a5+
- 10) 1. ... ♚g8
- 11) 1. ... ♚b1
- 12) 1. b8♖+

49 Winning material: B

- 1) 1. ... ♖xf5 (1. ... ♙xf5? 2. ♖xc6+ bxc6 3. ♙xa5)
- 2) 1. ♚xe7 ♚xe7 2. ♖xe7 ♖xe7 3. ♚xe7
- 3) 1. ♚bb8 (1. ♙xd3? ♚xc8) 1. ... ♚xc8 2. ♚xc8+
- 4) 1. ... ♖xd5 (1. ... ♙xc6 2. ♜e7#)
- 5) 1. ♜xd4 (1. ♖xc8? ♚xc8 2. ♜xd4? ♚xc1+)
- 6) 1. fxg7 (1. bxc3 ♙xf6) 1. ... ♖a5 (1. ... ♚g8 2. bxc3) 2. gxh8♖+
- 7) 1. ... ♙xf3 (1. ... exf3 2. ♖xg4+)
- 8) 1. ... ♜xg6 (1. ... ♙xg6 2. ♜xg6+)
- 9) 1. ... dxc4 2. ♚xc4 ♖d5
- 10) 1. ... ♚xc3 2. ♙xc3 ♖xc3
- 11) 1. ♖xb4 (1. ♖xh4? ♚h6)
- 12) 1. ... ♙xb2 (1. ... ♚xb3 2. ♙xf6 ♜xf6 and Black is material behind) 2. ♚b1 ♚xb3

50 Intermediate move: A

- 1) 1. ♖h8+ (1. ♜xb1? h1♖) 1. ... ♜c4 2. ♜xb1 (first, prevent the promotion)
- 2) 1. ... ♖xd5 2. exd5 ♜xe2 (capturing the white queen immediately is pointless because of the knight fork on e7.)

- 3) 1. ♕e5 (1. ♖xc8? ♗xf4+) 1. ... ♗e6 2. ♖xc8 (first, prevent the double attack with the queen.)
- 4) 1. ♗d8+ (1. dxe5? ♗xd3 2. ♗xb4) 1. ... ♖g7 2. dxe5 (protect the rook on d3 with an intermediate check)
- 5) 1. ♗h8+ (1. ♖xe6? ♖a1+) 1. ... ♖d7 2. ♖xe6 (first, prevent check on the back rank)
- 6) 1. ... ♗xa3 2. ♖xa3 exd4 (capture what you can; otherwise, the queen will be lost)
- 7) 1. ... ♕h6+ (1. ... ♖xe6? 2. g7) 2. ♖f3 ♖xe6 (bring the bishop to safety)
- 8) 1. ♕g8+ (1. ♗xc5? ♖e1#; 1. ♕f7? ♖b5) 1. ... ♖xg8 2. ♗xc5 (first, create a flight square for the king)
- 9) 1. ♖b8+ (1. dxe6+? ♖xc6 2. exf7 ♖d7) 1. ... ♖e7 2. dxe6 (bring the knight with tempo to safety)
- 10) 1. ... ♖d1+ (1. ... ♗xb3? 2. ♗f5+) 2. ♖h2 ♗xb3 (first, prevent the double attack with the queen.)
- 11) 1. g4 (1. ♗xc3? ♗d1+) 1. ... ♗h4 2. ♗xc3 (first, prevent mate)
- 12) 1. h5 (1. ♗xd5? ♖c5; 1. cxd5? ♖c5) 1. ... ♗xh5 2. exd5+ ♖g7 3. dxe6 (making a discovered check possible)

51 Intermediate move: B

- 1) 1. ♕d4+ (1. ♗d7+? ♗f7 2. ♗xc8 (2. ♕d4+ ♖g6 3. ♗xc8 ♗f1+ 4. ♕g1 ♗f3#) 2. ... ♗f3#)) 1. ... ♖g8 2. ♗xc8+ (White can capture the rook with check.)
- 2) 1. ♖c7 ♖xc4 (1. ... ♖xc7? 2. bxc7) 2. ♖xc8+ (the double threat wins a piece)
- 3) 1. ♗d4 ♖e8 (1. ... ♖c6 2. dxc6) 2. exf5 (double attack with two pieces)
- 4) 1. ♗a3 (1. ♗xe4? ♗xa5; 1. ♗d6? ♖d8) (counterattack on the rook)
- 5) 1. ... ♕f3 2. ♖d5 ♗h3 (with a mating threat on h3)
- 6) 1. ... ♖d1+ 2. ♖b2 (2. ♖a2 ♗a8+ 3. ♖b2 ♗a1#) 2. ... ♗xf6+ (capture with a check or mate)
- 7) 1. ♗xc8 ♖xc8 2. ♖xe7 (pinning the rook on d8)
- 8) 1. ♖c1 (1. ♖xe2? ♗xb2+) (first, prevent the double attack with the queen on b2.)
- 9) 1. ♕d5 ♖xd5 2. exd5 (the double threat wins a piece)
- 10) 1. ♖f1 ♖d7 (1. ... ♗e7 2. ♗xd5) 2. ♗g4+ (threat or mate; f7 cannot be safely protected)
- 11) 1. ♗g8+ ♖xg8 (1. ... ♖xg8 2. ♖xe7+) 2. ♖xe7 (lure the rook away from d8 or capture it with check on e7)
- 12) 1. ... ♖c6 (1. ... ♖xa8? 2. ♗xc7; 1. ... ♖d7? 2. ♗xd7) 2. ♗xb4 ♖xa8 (first, safely place the rook on c7.)

52 Rules / Legal position (Yes or no): A

- 1) example
- 2) text
- 3) example
- 4) No: The pawn on a3 must come from a2 or b2 (after a2-a3 or b2xa3 respectively). Both moves are impossible because the pawns on a2 and b2.
- 5) Yes
- 6) No: before the last move White was in check.
- 7) Yes: b2-b1♗+ is the last move.
- 8) Drawing
- 9) Drawing
- 10) Yes: Black is in stalemate.
- 11) Yes: b2-b1♖ is the last move.
- 12) Yes: f4xe3+ is the last move.

53 Legal position (Yes or no): A

- 1) No: before the last move Black was in check.
- 2) Yes: b7xc8 ♖+ is last move.
- 3) No: before the last move White was in check.
- 4) Yes: ♖c6-c8+ is the last move.
- 5) No: Black doesn't have a last move.
- 6) Yes: Kg2-h2 is last move.
- 7) No: g2-g4 must be the last move, but how the bishop came on h1?

- 8) Yes: 4 (5) promotions to a queen.
- 9) No: two white bishops and 8 pawns.
- 10) No: Black has a double pawn and White still has all his pieces.
- 11) Yes: a5 is the last move.
- 12) No: The black bishop cannot give check on a6.

54 Defend against a passed pawn: A

- 1) 1. ♖d5+ (1. ♖e4? f5+) 1. ... ♜g7 2. ♖a2 (winning a tempo and protect)
- 2) 1. c4+ ♜xc4 2. ♜c2 (square clearing and protecting)
- 3) 1. ... e4+ 2. ♜xe4 ♖e5 (square clearing and protecting)
- 4) 1. ♜a1 ♜g1+ (otherwise 2. ♜f1) 2. ♜d2 (square f1 twofold protecting with X-ray protection)
- 5) 1. ♜a3+ ♜b4 2. ♜a1 (winning a tempo and protecting)
- 6) 1. b5+ (1. ♖h6? g5) 1. ... ♜xb5 2. ♖a3 (line clearing and protecting)
- 7) 1. ♜f1 (The only way to win the passed pawn and keep the g-pawn on the board. That won't work with:
1. ♜e4+? ♜xe4 2. ♖b7+ ♜f4 3. ♖xg2 ♜xg4 nor with 1. ♜f3+ ♜xf3 2. ♖b7+ ♜xg4 3. ♖xg2) 1...
gxf1 ♜+ 2. ♖xf1 a5 3. g5
- 8) 1. ♖g3 (1. ♖g5? ♜f2; 1. ♖f6? c5) 1. ... ♜f1 (1. ... ♜h1 2. ♖f2) 2. ♖h2 (find the right diagonal to protect)
- 9) 1. ♖g6 (1. ♜g1 b1 ♜ 2. ♜xb1 ♜xb1) 1. ... b1 ♜ 2. ♖xb1 ♜xb1 3. ♜xf7 (protecting thanks to a pin)
- 10) 1. ♜d8+ (1. ♜c5 ♜c1+ 2. ♜f2 b1 ♜) 1. ... ♜h7 2. ♜db8 (twofold protecting with tempo square b1)
- 11) 1. ♜h5+ ♜xh5 2. a8 ♜ (line clearing and protecting)
- 12) 1. h4! g2 (1. ... gxf2 2. ♜e2) 2. ♜h3 (square clearing protecting)

55 Defend against a passed pawn: B

- 1) 1. ♜d4 c1 ♜ 2. ♜f3# (double attack: passed pawn or mate)
- 2) 1. ... ♜d3+ 2. cxd3 a1 ♜ (line clearing and protecting)
- 3) 1. ♜c5+ ♜d6 (1. ... ♖xc5 2. ♜b2) 2. ♜b3 (luring away the defender of b2 or protecting)
- 4) 1. ♜d8+ (1. ♜c5? ♜c1+ 2. ♜f2 b1 ♜) 1. ... ♜h7 2. ♜db8 (see sheet A #10)
- 5) 1. ♜d3+ ♜d4 (1. ... exd3+ 2. ♜xd3 and protects h1) . ♜f2 (luring away and protecting)
- 6) 1. ♜c2 ♜a3 (1. ... b5 2. ♜b1 b4 3. ♜f1 b3+ 4. ♜c1 b2+ 5. ♜c2) 2. ♜b1 (thanks to check, the king can help so that the rook can move to b1.)
- 7) 1. h5 b1 ♜ 2. ♖g6+ ♜xg6 3. hxc6+ ♜xc6 4. c6 (double attack after promotion)
- 8) 1. ... ♖d4+ 2. ♜c2 ♖f6 3. ♜d3 ♜f7 (twofold X-ray protection of square d8)
- 9) 1. ♜e8 e1 ♜ 2. ♖c5+ (winning a new queen with a discovered attack)
- 10) 1. ♖f6 gxf6 (1. ... ♜f5 2. ♜xg7) 2. ♜e7# ('unsafe' protecting is possible thanks to mate)
- 11) 1. ♖b6 ♜c8 (1. ... c1 ♜ 2. ♜h8#) 2. ♖e3 (protecting with tempo – mating threat –)
- 12) 1. d8 ♜+ ♜e7 2. ♖c6 ♜xd8 3. ♜c2 ♜c7 4. ♖h1 ♜b6 5. a3 (line clearing; knight promotion with check wins a tempo and protects square c6)

56 Defend against a passed pawn: C

- 1) 1. ♖c1 (1. ♜c2 ♜a1 2. ♖c1 b1 ♜) 1. ... b1 ♜ 2. ♜a3# (pinning to a square)
- 2) 1. ... ♖f1+ (1. ... ♜c7? 2. d8 ♜+ ♜xd8 3. ♖xb5) 2. ♜g4 ♜c7 (intermediate check to prevent discovered attack)
- 3) 1. ♜c3 ♜a4 2. ♜d2 (2. ♜a8+ ♜b5) (winning a tempo due to a mating threat)
- 4) 1. ♜e1 a1 ♜ (1. ... ♜d4 2. ♜c2+ ♜c3 3. d4) 2. ♜f3# (double attack: protect on c2 or mate on f3)
- 5) 1. ♖b4 axb4 2. ♜xb4 ♜xd4 3. ♜c2+ (Secure square b4 for the bishop or with winning the queen with a knight fork)
- 6) 1. ♜h6 (1. ♜a6 ♖b5+) 1. ... a1 ♜ (1. ... ♖f5+ 2. ♜e3 (2. ♜c3? a1 ♜+)) 2. ♜h1+ ♜f2 3. ♜xa1 (prepare an X-ray check)
- 7) 1. ♖c1 (1. ♖b2? ♜xb2 2. ♜e2+ ♜f2 3. ♜c3 ♜e1 4. ♜g2 ♜a4) 1. ... dxc1 ♜ (1. ... d1 ♜ 2. ♖e3#) 2. ♜e2 (Pinning to a square: mate on e3 or a knight fork after capturing on c1)
- 8) 1. ♖d5 (1. ♖g6+ ♜xe6) 1. ... cxd5 (1. ... b1D 2. Te1+) 2. ♜e1 a5 3. ♜b1 (square clearing; protecting or winning the queen)

- 9) 1. ♖c1 d1♚ (1. ... ♖xd3 2. ♖xd2 ♖xd2 3. ♖g4) 2. ♜b2+ (square clearing to allow a knight fork after promotion on d1)
- 10) 1. ♖c3 b1♚ (1. ... b5 2. ♖b4 (2. ♖h8 b4+)) 2. ♖a4+ ♚a2 3. ♖xa2+ ♖xa2 4. ♖b4 (line clearing)
- 11) 1. ... ♖g8 2. ♖e8 ♖b6 (protecting the own rook and protecting d8 twofold)
- 12) 1. ... ♖e4 2. d8♚ (2. dxe8♚ ♖xe8) 2. ... ♖a4# (Capturing the passed pawn would result in a stalemate. White only threatens 2. dxe8D; promotion on d8 is not possible due to mate on a4.)