

Step 3

2 Test / Mix: A

- 1) 1. ... ♖a5+ 2. c3 ♜xe5 (double attack: queen)
- 2) 1. ♙d5 (pin)
- 3) 1. ... ♜xh3+ (1. ... ♜xf3? 2. ♙xf3 ♜xh3+ 3. ♚g2) 2. ♙xh3 ♜xf3+ (elimination of the defence: luring away+material; overload)
- 4) 1. ♘e1 ♜xe4 2. ♘g2 (2. f3) (double attack: knight)
- 5) 1. ♙e5 ♜ag8 (1. ... ♜g5 2. ♜xg5) 2. g4 (double attack: two pieces)
- 6) 1. ... ♘e2+ (1. ... ♘f3+? 2. ♜xf3) 2. ♚h2 ♜xd1 (discovered attack)
- 7) 1. ♚d6 ♚b8 2. ♜xe7 (double attack: two pieces)
- 8) 1. ♖a6+ ♚c7 2. ♖b7# (mate in two)
- 9) 1. ♜c5 (1. ♖a1 and 1. ♖b6 win less material (double attack: queen))
- 10) 1. ♖d3+ ♚e6 2. ♖d7 (2. ♙d7+ ♚e7 3. ♙xg4 h1 ♖+) (mate in two)
- 11) 1. d6+ ♚xd6 2. ♜xf6+ (elimination of the defence: luring away+material)
- 12) 1. ♙xd6+ (elimination of the defence: luring away)

3 Test / Mix: B

- 1) 1. ♜xd4 ♜xb4 2. ♜xb4 (discovered attack)
- 2) 1. ♜f7 (double attack: two pieces)
- 3) 1. ♘e7+ ♚h7 2. ♜xf8 (elimination of the defence: chasing away+material)
- 4) 1. ♘e7+ (1. ♜xb6? ♙xg6; 1. ♘e5? ♙xd4) (double attack: knight)
- 5) 1. ♜g6 ♚g8 2. ♜xa6 (double attack: queen)
- 6) 1. ♜e7 (double attack: queen)
- 7) 1. ... ♜f4 2. ♙xf4 ♙xf3+; 2. ♜xb7 ♜xb7 (discovered attack)
- 8) 1. ♙a4 ♜a5 2. ♙c6# (pin)
- 9) 1. ♖a3 (pin)
- 10) 1. ... ♜xa3 2. bxa3 ♜xc3 (elimination of the defence: luring away+material; overload)
- 11) 1. ♘e7+ and 2. ♜xh7# (mate in two thanks to discovered attack)
- 12) 1. ... ♜xc3 and 2. ... ♜xe2; 1. ... b4? 2. ♙f1! (elimination of the defence: capturing+material)

4 Discovered and double check: A

- 1) 1. ♘c6+
- 2) 1. ... ♙b4+ (1. ... ♙xa3 2. ♚f1; Black is a piece down)
- 3) 1. ♜xg8+ ♚xg8 2. ♙xa5
- 4) 1. ♘d6+ (1. ♘a5+ ♘xb3) 1. ... ♚e7 2. ♘xb7
- 5) 1. ♘b6+ (1. ♘e7+ ♚h7)
- 6) 1. ... ♙xa3+2. ♙e2 ♙xb2
- 7) 1. ... ♜d1# (1. ... ♜c3+ 2. ♘xc4 ♜xc2 3. ♜xc2)
- 8) 1. ♙xd6# (1. ♙g5+? ♜f2 2. ♙h4)
- 9) 1. ... ♙b4#
- 10) 1. ... ♜e6+ (1. ... ♜f4+? 2. ♜e5; 1. ... ♜f2+? 2. ♚b1) 2. ♚c2 ♜xe4
- 11) 1. ♙g5+ (1. ♙xg7+ ♚xg7 2. ♜h7+? ♚xf6) 1. ... ♘h4 2. ♜xh4#
- 12) 1. ♜d7+ ♚e8 2. ♜xc7

5 Discovered and double check: B

- 1) 1. ♙g5+ ♚c7 (1. ... ♚e8 2. ♜d8#) 2. ♙d8#
- 2) 1. ♘e4+ ♚h6 2. ♜g5#
- 3) 1. ... ♘c1+ 2. ♚xc1 (2. ♚a1 ♜b1#; 2. ♚a3 ♜b3#) 2. ... ♜b1#
- 4) Drawing
- 5) Drawing
- 6) 1. ♘f6+ ♚h8 2. ♜h7#

- 7) 1. ♖d4+ (1. ♖g1+ ♜b4 2. ♖xh2 ♜d2+) 1. ... ♜b4 2. ♖c3#
- 8) 1. ♜f8+ ♜xf8 2. ♖h6#
- 9) 1. ... ♗d4+ 2. ♜e1 ♗c2#
- 10) 1. ... ♗f2+ (1. ... ♗xg3+? 2. ♜g1 ♗xe2+ 3. ♜f2) 2. ♜g1 ♗xh3#
- 11) 1. ♜h7+ ♜xh7 2. ♖xe6#
- 12) 1. ♜h8+ (1. ♜g4+? ♖g6) 1. ... ♜xh8 2. ♜g4#

6 Discovered and double check: C

- 1) 1. ♜g7+ ♜xg7 2. ♜g6#
- 2) 1. ... ♗g3+ 2. ♜g1 ♗e2#
- 3) 1. ♗f5+ ♜g6 2. ♗e7#
- 4) 1. ... ♗g3+ 2. ♜xg3 (2. ♜g1 ♜h1#) 2. ... ♜h4#
- 5) 1. ♜g7+ ♜xg7 2. ♜g5#
- 6) 1. ♜e8+ (1. ♖f5? b5) 1. ... ♜d7 2. ♖b5#
- 7) 1. ♜h5+ ♜d4 2. ♜d6#
- 8) 1. ... ♖f3+ 2. ♜f2 ♖xe4#
- 9) 1. ♖b7+ ♜xb7 2. c8♜#
- 10) 1. ... ♜f2+ 2. ♜xf2 ♜d1#
- 11) 1. ... ♗c4+ 2. ♜d3 ♗xb2#
- 12) 1. ♜f5+ ♜xf5 2. ♜e6#

7 Attack on a pinned piece: A

- 1) 1. ♖g4
- 2) 1. ♜e4
- 3) 1. ♗g5
- 4) 1. e5
- 5) 1. ... ♖d5 (1. ... ♖h3? 2. ♜xc6)
- 6) 1. ... f5 (1. ... ♜e8 2. ♜c4)
- 7) 1. ♜f5 (1. ♜b3 c4; 1. ♜f2 ♜d7)
- 8) 1. g6
- 9) 1. c4
- 10) 1. ... ♖h3
- 11) 1. ... f4
- 12) 1. ... ♗c6 (1. ... ♗f5? 2. ♜xf5)

8 Attack on a pinned piece: B

- 1) 1. ♜ad1 (1. ♜ed1 ♜e7)
- 2) 1. ... ♜f2 (1. ... ♜b3? 2. ♜g2)
- 3) Drawing
- 4) 1. ... ♗e4
- 5) 1. ♖h6 (1. ♖d4? ♜xd4)
- 6) Drawing
- 7) 1. ... ♖f3
- 8) 1. ... ♜a7 (1. ... ♜d8? 2. ♜xd8)
- 9) 1. ... ♗e7
- 10) 1. ♖f1 (1. ♖f3? ♜c1+)
- 11) 1. g3 ♗h3 2. ♖h6#
- 12) 1. ♜h6 (1. ♜g5 ♗g6)

9 Mate in two: Access: A

- 1) 1. ♜xa7+ ♜xa7 2. ♜a2#
- 2) 1. ... ♗g4+ 2. fxg4 ♜h3#
- 3) 1. ♜xg7+ ♜xg7 2. ♜1h7#

- 4) 1. ♖e6+ fxe6 2. ♜f1#
- 5) 1. ♜h6+ gxh6 (1. ... ♘g8 2. ♜e8#) 2. ♜e8#
- 6) 1. ♜xh6+ (1. ♜xh6+ ♘g8!) 1. ... ♙xh6 2. ♜xh6#
- 7) 1. ♜xc6+ bxc6 2. ♜a6#
- 8) 1. ... ♜xh2+ 2. ♘xh2 ♜h4#
- 9) 1. ♙xb7+ ♘xb7 2. ♜c6#
- 10) 1. ♗h5 gxh5 2. ♜xh7#
- 11) 1. ♗g5+ hxg5 2. ♜h5#
- 12) 1. ♜xe6+ (1. ... ♘d8 2. ♜f8#) 1. ... fxe6 2. ♜f6#

10 Mate in two: Access: B

- 1) 1. ♜xh6+ gxh7 2. ♜g8#
- 2) 1. ♜xh7+ ♘xh7 2. ♜h3#
- 3) 1. ... ♜xa2+ 2. ♘xa2 ♜a8#
- 4) 1. ♜xh7+ (1. ♗g6+? hxg6) 1. ... ♘xh7 2. ♜h2#
- 5) 1. ♜g6 (1. ♜h4 h6; 1. ♗xh7 ♗f5; 1. ♙xh7 ♜e7) 1. ... hxg6 2. ♜h3#
- 6) 1. ♜c8+ (1. ♗c7+ ♘b8) 1. ... ♙xc8 2. ♗c7#
- 7) 1. ♜xd8+ ♘xd8 2. ♜e8#.
- 8) 1. ... ♜xh2+ (1. ... ♜e1+ 2. ♗f1) 2. ♘xh2 ♜h8#
- 9) 1. ♜xf5+ (1. ♜g2 ♙xc5) 1. ... exf5 2. ♜g8#
- 10) 1. ♗d6+ ♙xd6 2. ♙d7#
- 11) 1. ♜xa6+ (1. ... bxa6 2. ♜a8#) 1. ... ♘xa6 2. ♜a8#
- 12) 1. ... ♜a3 2. bxa3 ♜b1#

11 Mate in two: Access: C

- 1) 1. ♜xa6+ (1. ♙g2 ♙a7) 1. ... bxa6 2. ♙g2#
- 2) 1. ♜xf7+ (1. ♙b3 ♜f8) 1. ... ♘xf7 2. ♙b3#
- 3) 1. ♜xe6+ (1. ♗b5 ♜xh2+ 2. ♘xh2 hxg5+) 1. ... fxe6 2. ♙g6#
- 4) 1. ... ♜xc3+ (1. ... ♜f5 2. ♙b3; 1. ... ♙a3 2. ♗b1) 2. bxc3 ♙a3#
- 5) 1. ... ♜f3+ 2. gxf3 ♙h3#
- 6) 1. ... ♜b1+ 2. ♗xb1 ♙c4#
- 7) 1. ♜xg7+ ♘xg7 2. ♜g2#
- 8) 1. ... ♗f3+ 2. gxf3 ♜eg8#
- 9) 1. ... ♗g4+ 2. hxg4 ♜h6#
- 10) 1. ♜xh5 (1. ♙xg6 fxg6) 1. ... gxh5 2. ♙h7#
- 11) 1. ... ♜xh3 2. gxh3 ♙f3#
- 12) 1. ... ♜xf2+ 2. ♘xf2 ♙c5#

12 Mate in two: Access: D

- 1) 1. ... ♜xh2+ 2. ♘xh2 ♙e3#
- 2) 1. ♜xa7+ ♘xa7 2. ♗c5#
- 3) 1. ♜xh7+ ♘xh7 2. ♜f5#
- 4) 1. ♜xg7+ ♘xg7 2. ♙e7#
- 5) 1. ♗xc6+ bxc6 2. ♗d7#
- 6) 1. ... ♜xh2+ 2. ♘xh2 ♗f5#
- 7) 1. ... ♜xa2+ 2. ♜xa2 c2#
- 8) 1. ... ♜xa2+ 2. ♘xa2 axb3#
- 9) 1. ... ♗xf2++ 2. ♘g1 ♗h3#
- 10) 1. ♙xb7+ ♘xb7 2. c8♜#
- 11) 1. ♗f6+ gxf6 2. ♗xf7#
- 12) 1. ... ♜xf2+ 2. ♘xf2 ♜e4#

13 Pawn endings / The square of the pawn: A

- 1) 1. ... ♔f5; ½-½
- 2) 1. ... ♔f3 2. a4 ♔e4; ½-½
- 3) 1. ♔f4; 1-0
- 4) 1. ♔c6 ♔e7 2. ♔c7; 1-0
- 5) 1. ♔d5; 1-0
- 6) 1. ... ♔c2; 0-1
- 7) Drawing
- 8) Drawing
- 9) 1. ♔a6; 1-0
- 10) 1. e6; 1-0
- 11) 1. ♔c6 of 1. e6; 1-0
- 12) 1. ... e4 2. dxe4 h5; 0-1

14 Test / Mix: C

- 1) 1. ♔e6+ (discovered check)
- 2) 1. ♔d4 (the square of the pawn, shielding off)
- 3) 1. ... ♖h5+; 2. ... ♖h4# (mate in two access)
- 4) 1. ... ♖d5 (1. ... ♖e3? 2. ♖d6) (attack on a pinned piece)
- 5) 1. ... ♙b4+ and 2. ... ♖e1# (double check)
- 6) 1. ... ♖g4+ 2. hxg4 ♗h2#; 2. ♔h1 ♗xh3# (mate in two access)
- 7) 1. ♖a3+ ♖xb2 2. ♖xa7 (discovered check)
- 8) 1. ♔b6 ♔e7 2. ♔c7 ♔e8 3. d6 (the square of the pawn, helping); 1. ♔b5 is good too but knowledge from lesson 14 is necessary: 14: 1. ... ♔e7 2. ♔c6 ♔d8 3. ♔d6 ♔c8 4. ♔e7 (key squares)
- 9) 1. ♖xa6+ ♔xa6 2. ♗a1# (mate in two access)
- 10) 1. ♔f6+ ♔h8 2. ♖h4# (double check)
- 11) 1. f6 (1. e6?? f6) 1. ... exf6 2. e6 (the square of the pawn, blocking the route)
- 12) 1. ♙e5! (1. ♗e5? ♔xd3) (attack on a pinned piece)

15 Test / Mix: D

- 1) 1. ♙xe5+ ♔b6 2. ♙c7# (mate in two thanks to double check)
- 2) 1. ♖d4 (1. ♖e7 ♗d1+) (attack on a pinned piece)
- 3) 1. b4+ ♔xb4 2. ♔b2 (the square of the pawn)
- 4) 1. ... ♔g5+ 2. hxg5 ♗h8# (mate in two access)
- 5) 1. ♙e1+ (1. ♙xe5+? ♔b7 and ♙e5 cannot capture on g3) (discovered check)
- 6) 1. d4 (the square of the pawn, shielding off)
- 7) 1. ... ♔d3+ 2. ♔b1 (2. ♔d1 ♖f1#) 2. ... ♖f1# (mate in two access)
- 8) 1. ... ♗h7 (1. ... f5? 2. ♗h3+; 1. ... ♗g6 2. ♔h3?) (attack on a pinned piece)
- 9) 1. ♗xh7+ ♔xh7 2. ♖h3# (mate in two access)
- 10) 1. ♙g2 (attack on a pinned piece)
- 11) 1. ♔d6+ ♔xd6 (1. ... ♔f8 2. ♖e8#) 2. ♙g3# (discovered check and luring)
- 12) 1. g3 and 2. ♔xe6 (1. ♔xe6? f4 and 2. ... e3) (keeping the king in the square of the pawn)

16 Elimination of the defence / Capturing: A

- 1) 1. ♗xh8+ and 2. ♖d8#
- 2) 1. ... ♗xh4 and 2. ... ♔f2#
- 3) 1. ♔xc7+ ♙xc7 2. ♙b5#
- 4) 1. ... ♖xd1 and 2. ... ♙f3#
- 5) 1. ♔xh7+ ♔xh7 2. ♔g6#
- 6) 1. ... ♖xd1+ 2. ♔xd1 ♗f1#
- 7) 1. ♗xd4+ and 2. b6#
- 8) 1. ♗xf6+ and 2. ♖e8#
- 9) 1. ... ♖xc4 and 2. ... ♙a3#

- 10) 1. ♖xg7+ ♜xg7 2. ♜h6#
- 11) 1. ♖xb8+ and 2. ♙xb5#
- 12) 1. ... ♖xb3 and 2. ♙c5+

17 Elimination of the defence / luring away: A

- 1) 1. ... ♖c1+ 2. ♙xc1 ♖e1#
- 2) 1. ♖a8+ ♙xa8 2. ♖e8#
- 3) 1. ♖d8+ ♖xd8 2. ♖xc3+
- 4) 1. ... ♖xd4 2. ♜xd4? ♖xh2#
- 5) 1. ... ♜d4 2. ♜xd4+? ♖c1+
- 6) 1. ... ♖b6+ 2. ♖xb6? ♖f1#
- 7) 1. ♖h8+ ♜xh8 2. ♖xf8#
- 8) 1. ... ♖e3+ 2. fxe3 ♖g3#
- 9) 1. ♖xf6+ ♖xf6 2. ♖d8+
- 10) 1. ... ♖b1+ 2. ♙xb1 ♖f1#
- 11) Drawing
- 12) Drawing

18 Elimination of the defence / Chasing away: A

- 1) 1. a5
- 2) 1. ♖f7+ ♜h8 2. ♖f8#
- 3) 1. ♖g1+ ♜h8 2. ♖xf8#
- 4) 1. f5
- 5) 1. e5
- 6) 1. ♜e7+ ♜h8 2. ♖xf8#
- 7) 1. ... ♙d4+ 2. ♜h1 ♖xf1#
- 8) 1. ... ♜d4
- 9) 1. ... b5 2. ♖xc6 ♖f1+ 3. ♖xf1 ♖xf1#
- 10) 1. ... ♖e3 (1. ... ♖g8 2. ♖b3)
- 11) 1. ♙a5
- 12) 1. ♙e5 ♖b4 2. ♖xf5#

19 Defending against a double attack: A

- 1) 1. ... ♙g7
- 2) 1. ... ♖d5
- 3) 1. ... ♙f6
- 4) 1. ... ♖e6
- 5) 1. ♜g3
- 6) 1. ♜f3
- 7) 1. ... ♙b7
- 8) 1. ... ♖b6
- 9) 1. ... ♙d4!; 1. ... ♙xb2 2. ♙xg6 and 1. ... ♙d8 2. ♜h1 are good defences but win nothing.
- 10) 1. ... ♖b8 (1. ... a5? 2. ♖c6+; 1. ... ♖d8? 2. b4#)
- 11) 1. ... ♖f7 (1. ... ♜h8? 2. ♙c4)
- 12) 1. ♖c6+ (1. ♖b5+? ♜xd4 2. ♖xg5 ♙h3+) 1. ... ♜xd4 2. ♖xc8

20 Defending against a double attack: B

- 1) 1. ... ♖f6+
- 2) 1. ♙g5 (threatens 2. ♙f6#)
- 3) 1. f4 ♖xd4? 2. ♖a8+
- 4) 1. ♖g3 ♖xd4 2. ♖b8+
- 5) 1. ♜h3+ ♜xg1+ 2. ♖xg1+
- 6) 1. ... ♙f4

- 7) 1. ... ♖e7 2. ♜xc5 ♖d6 3. ♙xd7 ♖xc5
- 8) 1. e4 (1. e8♞? ♙c6+) 1. ... ♙xe4 2. e8♞
- 9) 1. ... ♗d6 (1. ... ♗e5? 2. ♙xe4+) 2. ♙xc6 (2. ♙c5 ♗b5+ (2. ... ♗e5)) 2. ... ♗c4+
- 10) 1. ♙d5 cxd5 2. ♜f1
- 11) 1. ... ♖c7 (1. ... ♜xb5 2. c7; 1. ... ♜b1 2. ♗d5#)
- 12) 1. ... ♙xd5 (1. ... ♞b6? 2. ♞e8+) 2. ♞e8+ ♙g8

21 Double attack: Temptation: A

- 1) 1. ... ♞e3+ (1. ... ♞g5+? 2. ♞f4) 2. ♖c2 ♞xh6
- 2) 1. ♞c3+ (1. ♞d7+? ♜f7) 1. ... ♖h7 2. ♞xc7
- 3) 1. ♞e4+ (1. ♞h8+? ♞b8) 1. ... ♞b7 2. ♞xe5
- 4) 1. ... ♞e5+ (1. ... ♞a5+? 2. b4)
- 5) 1. ♞e1 (1. ♞c6? ♜e7) 1. ... ♜hb4 2. ♞xe6
- 6) 1. ♞f3 (1. ♞e4? ♞f2+ 2. ♖h1 ♞f1+ 3. ♖h2 ♞xh3+) 1. ... ♗e6 2. ♞a8+
- 7) 1. ♞e4 (1. ♞d3 ♗f6) 1. ... g6 2. ♞xa4
- 8) 1. ♞d5+ (1. ♞b3+ ♞c4+) 1. ... ♖h8 2. ♞xb7
- 9) 1. ♞d7+ (1. ♞g4+? ♞g6+) 1. ... ♞f7 2. ♞xc8
- 10) 1. ♞a3 (1. ♞f3? ♜d8) 1. ... h6 2. ♞xa7
- 11) 1. ... ♞f8+ (1. ... ♞b6+? 2. c5) 2. ♙f3 ♞xb4
- 12) 1. ... ♞g6 (1. ... ♞f5? 2. ♜xf4) 2. ♞e2 ♞xg5

22 Double attack: Temptation: B

- 1) 1. ♞h4+ (1. ♞c3+? ♗e5)
- 2) 1. ... ♞b8+; 1. ... ♞d2+? 2. ♗e2
- 3) 1. ... ♞c3; 1. ... ♞b6/d8? 2. ♜a1
- 4) 1. ♞b3+; 1. ♞d5+ ♙e6
- 5) 1. ... ♞c1+; 1. ... ♞c5+? 2. ♙f2
- 6) 1. ... ♞a3+; 1. ... ♞g5+? 2. ♜d2+
- 7) 1. ♞e5; 1. ♞d5/c5? ♗g3+
- 8) 1. ♞d2; 1. ♞e5? ♗b4+
- 9) 1. ... ♞d1+; 1. ... ♞d5+? 2. ♞g2
- 10) 1. ... ♞h3+; 1. ... ♞g4+ 2. ♗g3; 1. ... ♞d3 2. ♜e3
- 11) 1. ... ♞d8+; 1. ... ♞d6+ 2. ♙d3
- 12) 1. ... ♞b6+; 1. ... ♞g4+? 2. ♗g2 of 2. ♗g3

23 Mini plans / Pawn structure: A

- 1) 1. c6 bxc6 2. ♙xa6
- 2) 1. e6 fxe6 2. ♗g5
- 3) 1. ♙xf5 gxf5 2. ♗h4
- 4) 1. a6 bxa6 2. ♙xc6
- 5) Drawing
- 6) Drawing
- 7) 1. ♙xf6 1. ... ♙xf6 2. ♗xc5) 1. ... gxf6 2. ♗h4
- 8) Drawing
- 9) Drawing
- 10) 1. f6
- 11) 1. ... c6 2. ♙xc6 ♜xb2
- 12) 1. ... c5 (to prevent d4)

24 Mini plans / Pawn structure: B

- 1) 1. f5 (resolving a double pawn)
- 2) 1. e5 dxe5 2. ♗xe5 (the black c-pawn has lost its defender)
- 3) 1. ♙xf6 gxf6 2. e3 (gives Black a double pawn; 1. ... ♞xf6 2. ♗xc7 is not possible)

- 4) 1. ... ♕xf3 2. gxf3 (gives White a double pawn; ♕e2 must protect c4)
- 5) 1. ... ♕a5 (White cannot prevent ♕xc3; 2. ♖e3? d4)
- 6) 1. ... ♖h3+ 2. ♗h1 ♗xf3 gxf3 (gives White a double pawn)
- 7) 1. h6 (the pawn was attacked and the black pawn structure gets worse or after 1. ... g6 his king's position is a bad)
- 8) 1. ♕d3 ♗h5 2. ♕xf6 gxf6 (gives Black a double pawn)
- 9) 1. c5 (weakens the black pawn structure)
- 10) 1. ... a5 (Black must protect and pawn c2 remains weak; 1. ... ♖b8 is less good, the rook has better things to do; 1. ... ♖c8 2. ♖xb4 and White has gotten rid of a weak pawn).
- 11) 1. ... gxf6 (1. ... ♕xf6 2. ♕xf5 and White prevents ♕xd3) 2. ♕xf5 fxg5
- 12) 1. ... e5 (weakens the white structure or White must give up a pawn; 2. d5? ♗h4+)

25 Draws / Perpetual check: A

- 1) 1. ♗e8+ ♖h7 2. ♗h5+ ♖g8 3. ♗e8+
- 2) 1. ♗g5+ ♖h7 2. ♗h5+ ♖g7 3. ♗g5+
- 3) 1. ... ♗f2+ 2. ♖h1 ♗f1+
- 4) Drawing
- 5) Drawing
- 6) 1. ♖f6+ ♖f8 2. ♖xh7+ ♖g8 3. ♖f6+
- 7) 1. ♖xg6+ fxg6 2. ♗xg6+ ♖h8 3. ♗h6+
- 8) 1. ♖f7+ ♖g8 2. ♖h6+ ♖h8 3. ♖f7+
- 9) 1. ... ♖d2+ 2. ♖b1 ♖d1+
- 10) 1. ... ♖e3+ 2. ♖g1 ♖f5+ 3. ♖f1 ♖e3+
- 11) 1. ♖h5+ gxh5 2. ♗g5+ ♖h8 3. ♗f6+
- 12) 1. ... ♖g3+ 2. ♖h2 ♖f1+ 3. ♖h1 ♖g3+

26 Draws / Stalemate: A

- 1) 1. ♗d4+ (1. ♗b4+? axb4) 1. ... ♖xd4 stalemate
- 2) 1. ♖c4 ♖xb8 stalemate
- 3) 1. ♖c1 ♗xc1 stalemate (1. ... ♖d3 2. ♖xc3+ ♖xc3 =)
- 4) 1. ... ♖h8 2. ♗xf7 stalemate
- 5) 1. ♗e7+ ♗xe7 stalemate
- 6) 1. ♗g6+ ♕xg6 stalemate
- 7) 1. ♗b7+ ♗xb7 stalemate
- 8) 1. ♗f5+ ♗xf5 stalemate (1. ... ♖h6 2. ♗f6+ ♗xf6 stalemate)
- 9) 1. ♖h4 ♖xf3 stalemate
- 10) 1. ♖a6! ♗xc6 stalemate
- 11) 1. ♖e2+ ♗xg3 stalemate
- 12) 1. ♖d5+ ♕xd5 stalemate

27 Draws / Mix: A

- 1) 1. ... ♖e5+ 2. ♖f5 ♖xd7
- 2) 1. ♕g3 ♗xg3 stalemate
- 3) 1. ♖h7+ ♖g8 2. ♖g7+
- 4) 1. ♖b2+ ♖c2 2. ♖xa2
- 5) 1. ♖b2 and 2. ♖xc2
- 6) 1. ♖f4+ ♗xf4 stalemate
- 7) 1. ... c1♖+ (1. ... c1♗? 2. ♗a2#)
- 8) 1. ... ♗e6+ 2. ♗xe6 stalemate
- 9) 1. ♕b6 ♗e7 2. ♕c5 ♗d8 3. ♕b6
- 10) 1. ♖f6+ ♕xf6 stalemate; 1. ... ♖xf6 2. ♖xb2
- 11) 1. ♖xg7+ ♖xg7 2. ♗g5+ ♖h8 3. ♗f6+
- 12) 1. ... ♕g5 2. ♗g3 ♕f4 3. ♗h4 (3. ♗f3 ♕g5) 3. ... ♕g5

28 X-ray check or -attack: A

- 1) 1. ... ♖h5+
- 2) 1. ... ♖c8
- 3) 1. ♖c8+ ♕e7 2. ♖xg8
- 4) 1. ... ♙g5
- 5) 1. ... ♙f5
- 6) 1. ♙g5+
- 7) 1. ♙d5
- 8) 1. ... ♖b4 2. ♗e2 ♖xh4
- 9) 1. ♗h8+
- 10) 1. ♗h5+
- 11) 1. ... ♙b8
- 12) 1. ♙c5+

29 X-ray check or -attack: B

- 1) Drawing
- 2) Drawing
- 3) 1. ♗d3+ (1. ♗d1+? ♙d2)
- 4) 1. ... ♙c8 2. ♗xd5 ♙xg4
- 5) 1. ... ♖c1+ 2. ♕e2 ♖xh1
- 6) 1. ♖e3 ♗xf4 2. ♙xh3
- 7) 1. ... ♙h5+
- 8) 1. ♗h5 ♗e7 2. ♙xd5
- 9) 1. ♗d6+ ♕f7 2. ♗xh6
- 10) 1. ♙e7
- 11) 1. ... ♖a7 2. ♗f3 ♗xd7 (2. ... ♖xd7? 3. ♖ad1)
- 12) 1. ... ♗a5+ (1. ... ♗c3+? 2. ♕d5 ♗xc8 3. ♕e7+)

30 Test / Mix: E

- 1) 1. ♕xf6+ ♗xf6 2. ♗xh7# (elimination of the defence: capturing+mate)
- 2) 1. ... ♗f5 (x-ray attack)
- 3) 1. ♕h1 (1. ♙xc5+ ♕xc5 0-1) 1. ... ♗xf2 stalemate
- 4) 1. ♖g4 ♕e5 (anders ♖xg6) 2. ♖h4# (elimination of the defence: chasing away+mate)
- 5) 1. ... ♖d1+ 2. ♙f1 ♗h1#; 2. ♖f1 ♗xg2# (elimination of the defence: luring away+mate)
- 6) 1. ... ♖a1+ 2. ♕e2 ♖xg1 (x-ray check)
- 7) 1. ... ♖g6 (defend against a double attack)
- 8) 1. ♖h4 ♖xh4 2. ♗g7#
- 9) 1. ... ♖h7 and 2. ... ♖xb7 (draw by insufficient material)
- 10) 1. ... ♗d8+; 1. ... ♗f4+? 2. ♙e3 (double attack: queen)
- 11) 1. ♗f3; 1. ♗b7? ♕xd4 (double attack: queen)
- 12) 1. ♙a4+ ♕d5 2. ♙b3+ (perpetual check)

31 Test / Mix: F

- 1) 1. ... ♕f8 (1. ... ♕f6? 2. ♕d5) (the square of the pawn, prevent shielding off)
- 2) 1. ♗xc7 ♗xc7 2. ♖e8+ (elimination of the defence: luring away+mate)
- 3) 1. ♗g6+ ♕h8 2. ♗xh6+ ♕g8 (2. ... ♖h7 3. ♗xf8#) 3. ♗g6+ (perpetual check)
- 4) 1. ... ♕f1+ 2. ♕g1 ♗h2# (mate in two thanks to double check)
- 5) 1. ... ♗g7 (defend against a double attack)
- 6) 1. ♖f4+ ♕xf4 (stalemate)
- 7) 1. e4 (attack on a pinned piece)
- 8) 1. ... ♖f8 (pin)
- 9) 1. ♗xc5+ ♗xc5 2. ♙a6# (elimination of the defence: capturing+mat)
- 10) 1. ♗xh5 gxh5 2. ♙h7# (mate in two access)

- 11) 1. ... ♖d2 2. c8♗ ♖e2+ 3. ♔g3 ♖e3+ 4. ♔g2 ♖e2+ (perpetual check)
 12) 1. ♗c5+ and 2. ♗xb4!; 2. ♗xa7? ♖e1# (double attack: queen)

32 Defend against a pin: A

- 1) 1. ... c6
 2) 1. ... ♘e6 (1. ... ♘e4? 2. f3)
 3) 1. ... ♖d7 (1. ... ♖c7 2. ♖xc7)
 4) 1. ♘e2
 5) Drawing
 6) 1. ... ♖xe2
 7) 1. ♔d3 (1. ♖fb2 ? ♖cb7)
 8) 1. ♔e2
 9) 1. ... ♘xf3+
 10) 1. ... ♘e6
 11) 1. ♘e2
 12) 1. ... ♗xg2+

33 Defend against a pin: B

- 1) 1. ♘g5+
 2) 1. ... ♘xf3 2. ♖xc2 ♘e1+
 3) 1. ♖h1
 4) 1. ... ♘d3+; 1. ... ♘g4+? 2. ♔g3
 5) 1. ♔xf7+
 6) 1. ... ♖xd1; 1. ... ♖d4? 2. ♗e8+
 7) 1. ... ♗f6
 8) 1. ... ♖d8
 9) 1. ... ♘d3
 10) 1. ♘b4
 11) 1. ♗h5+ (1. ♗d3+? ♔e4)
 12) 1. ... ♗a8

34 Attack on a pinned piece: C

- 1) 1. ♖f6 (1. ♖e1? ♔f7)
 2) 1. ♔c6 (1. ♔g4 ♗e4+)
 3) 1. ♘♗5 (1. ♘xa8 ♖a8)
 4) 1. ... ♗b7; (1. ... f5+ 2. ♗f4)
 5) 1. ♔f3 (1. ♔f1? ♗b7)
 6) 1. e5 (1. c5? ♔b5)
 7) 1. ... ♖f6 (1. ... b5+ 2. ♔♗3)
 8) 1. ... ♘b2 (1. ... b5 2. ♘a5)
 9) 1. ... ♔c4 (1. ... ♔g4 2. ♔xb5+)
 10) 1. ♗♗1 (1. e5 ♔e7)
 11) 1. ♔h5+ (1. ♔d2? d4)
 12) 1. ... ♗d2 (1. ♗d3? ♘b4; 1. ♗d1? ♘xe3; 1. e4? ♘f4)

35 Trapping: A

- 1) 1. a4
 2) 1. ♘e3
 3) 1. h4
 4) 1. ... ♖h8
 5) 1. ... ♘h4
 6) 1. ♘a4
 7) 1. ... c4

- 8) 1. ♔d2
- 9) 1. e5
- 10) 1. ... ♖f6
- 11) 1. ♔e2
- 12) 1. ... ♖b8

36 Trapping: B

- 1) 1. ... ♖a5
- 2) 1. a4
- 3) 1. e5 dxe5 2. fxe5
- 4) 1. g4
- 5) 1. ♖d2 (1. ♖a5 ♔f1; 1. e5+ ♔d7)
- 6) 1. ♖c3
- 7) 1. ♖h4
- 8) 1. ... c4
- 9) 1. ♔g3 (1. ♖ag1 will not work after 1. ... d5 2. ♖g3 dxe4 and f5 will be available)
- 10) 1. ♖f4
- 11) 1. ♖c4
- 12) 1. ... ♔g6

37 Trapping: C

- 1) 1. ... c6 2. bxc6 bxc6
- 2) 1. ... g5 2. hxg5 hxg5 (2. ... ♔xg5)
- 3) 1. f4 gxf4 2. ♔xf4
- 4) 1. ... b5 2. cxb5 axb5
- 5) 1. ... ♖ac4 2. ♖xc4 ♖xc4
- 6) 1. ♔d5 ♖xd5 2. ♖xd5
- 7) 1. b5 axb5 2. cxb5
- 8) 1. ♖eg5 (1. ♖fg5? ♖xe4) 1. ... hxg5 2. ♖xg5
- 9) 1. ... g5 2. hxg5 fxg5
- 10) 1. ♖fd4 (1. ♖bd4? ♖xf3+) 1. ... exd4 2. ♖xd4
- 11) Drawing
- 12) 1. ♖e4 ♖xe4 2. ♖xe4

38 Pawn endings / Marking the key squares: A

- 1) a4, b4, c4
- 2) e4, f4, g4
- 3) e7, f7, g7
- 4) b3, c3, d3
- 5) c6, d6, e6
- 6) b7, b8, c8, d8, d7
- 7) f3, g3, h3
- 8) e2, f2, g2
- 9) a5, b5, c5
- 10) Drawing
- 11) Drawing
- 12) Drawing

39 Pawn endings / Key squares: A

- 1) 1. ♔c6 ♔d8 2. ♔b7
- 2) 1. ♔g6 ♔g8 2. g5 ♔h8 3. ♔f7
- 3) 1. ♔g5 ♔h7 2. ♔f6
- 4) 1. ♔d6 ♔e8 2. ♔c7 (2. d5 wins too of course, but less quickly)

- 5) 1. ♖b6! (1. b6? stalemate) 1. ... ♖b8 2. ♖a6 ♖a8 3. b6 ♖b8 4. b7
- 6) 1. c5 ♖c8 2. ♖c6 ♖b8 3. ♖d7
- 7) 1. ♖e5 ♖e7 2. ♖d5 (or first 2. d4) 2. ... ♖d7 3. d4
- 8) 1. ♖e6 (1. e4 ♖f8 2. e5 ♖e8 3. ♖e6) 1. ... ♖f8 2. e4 ♖e8 3. e5
- 9) 1. b3 (1. ♖b4 ♖b6 2. b3) 1. ... ♖b6 2. ♖b4 ♖a6 3. ♖c5
- 10) 1. ♖e6 ♖g7 2. f5 ♖f8 3. ♖f6
- 11) 1. g8♙+ ♖xg8 2. ♖g6
- 12) 1. ♖d5 ♖e7 2. ♖c6

40 Exploiting pinned pieces: A

- 1) 1. ♙xd7#
- 2) 1. ♘b6#
- 3) 1. ♙g8#
- 4) 1. ... ♙f1#
- 5) 1. ♙xh7#
- 6) 1. ♙b6#
- 7) 1. ♙xf5#
- 8) 1. ♚f8#
- 9) 1. ♚xe6#
- 10) 1. ♙xh7#
- 11) 1. ... ♚e1#
- 12) 1. ♘f7#

41 Exploiting pinned pieces: B

- 1) 1. ♘f6+
- 2) 1. c8♙ (1. ♙xd6+? ♖d7)
- 3) 1. ... ♘g3#
- 4) 1. ... ♘xe2+
- 5) 1. ♙xd5
- 6) 1. ♚xe6+
- 7) Drawing
- 8) 1. ♙f8#
- 9) 1. ♚xe7
- 10) 1. ♚xe4
- 11) 1. ♙d8#
- 12) 1. ♚xe7

42 Exploiting pinned pieces: C

- 1) 1. ♘c6+
- 2) 1. ... ♘e2+ (1. ... ♙xg2? 2. ♚xf4+; 1. ... ♘g2 2. b5)
- 3) 1. ♚exb4
- 4) 1. ... ♘g3
- 5) 1. ... ♘xb7 (1. ... g4? 2. b8♙)
- 6) 1. ♙xd7 (1. ♙xd7? ♙xc2#)
- 7) 1. ... ♚xd3
- 8) 1. ... ♙f3
- 9) 1. ♚e6#
- 10) 1. ... ♙c3
- 11) 1. ♙xd5+
- 12) 1. ♘e6

43 Exploiting pinned pieces: D

- 1) 1. ... ♙f2+ 2. ♖h1 ♙xf3+

- 2) 1. ♖xf6+ ♕h8 2. ♗xg5
- 3) 1. ... ♖xf3+ 2. gxf3 ♗xd5+
- 4) 1. e5+ ♕xe5 2. ♖xe7 (2. ♗xe7+ ♗xe7 3. ♖xe7 g6)
- 5) 1. ♖b3+
- 6) 1. ♖g6+ ♖xg6 2. ♗xh7#
- 7) 1. ♖1xe6 ♖xe7 2. ♖xe7
- 8) 1. ♗a8+ ♖b8 2. ♕xb7# (2. ♗xb7#)
- 9) 1. ♖xg6+ ♖xg6 2. ♗xc6
- 10) 1. ♖xh6+ (1. ♗xg7+? ♗xg7 2. ♖axg7+ ♕h8) 1. ... ♕xh6 2. ♗xg8
- 11) 1. ... ♕c3 2. ♖d6 (2. ♖xc3 ♖e1#) 2. ... ♖xe2
- 12) 1. ♗xd8+ ♕xd8 2. ♖c8#

44 Exploiting pinned pieces: E

- 1) 1. ♖xh6+ ♕h7 2. ♗xg5
- 2) 1. ♖xf5 ♗xf5 (1. ... ♗e7 2. ♖f8+; 1. ... gxf5 2. ♗xf6) 2. ♗g7#
- 3) 1. ♖d6 ♕g8 2. ♖xe8
- 4) 1. ♖xe7+ ♖xe7 2. ♗xd5+
- 5) 1. ... ♖xf6 2. exf6 (2. ♗xf6 ♗xg2#) 2. ... ♗xg5
- 6) 1. ... ♕xa3 2. ♕e2 ♕xb2
- 7) 1. ... ♕xb3 2. ♗xb6 axb6
- 8) 1. ♖xe4 ♗xe4 2. ♗xd6#
- 9) 1. ♖xd5 ♖xc2 (1. ... ♖xd5 2. ♗xc6 ; exd5 Rxe7+) 2. ♗xc2
- 10) 1. ♖b8+ ♗xb8 2. ♗xd7#
- 11) 1. ♕xg6+
- 12) 1. ... ♖f2+ 2. ♕d1 (2. ♕e1 ♖a2) 2. ... ♖xe3 (2. ... ♕xe3? 3. ♖e1)

45 The pin: Unpinning: A

- 1) 1. ... ♗xb5 2. ♖d6+ ♕xd6 ♖xb5
- 2) 1. ... ♕xe4 2. ♗xf6+ ♕xf6 3. ♕xe4
- 3) 1. ♗xf5 ♗xg1+ 2. ♕xg1 gxf5
- 4) 1. ♖xc5 ♖f6+ 2. ♕f5 dxc5
- 5) 1. ♗xe5 ♗xd1+ 2. ♕xd1 ♕xe5
- 6) 1. ♖xf6 ♖e7+ 2. ♕d2 gxf6
- 7) 1. ... ♗xe5 2. ♗c4+ ♕h8 3. ♖xe5
- 8) 1. ... ♖xb5 2. ♕d2 ♗b6 3. axb5
- 9) 1. a7 ♖e1+ 2. ♕h2 ♖xa7
- 10) 1. ... ♗xd3 2. ♗e1+ ♕f7 3. ♖xd3
- 11) 1. ♗xd5 ♖f1+ 2. ♖xf1 exd5
- 12) 1. ♖xe4 ♖e5 2. ♗d4 dxe4

46 The pin: Unpinning: B

- 1) 1. ♖xf6 ♕g6
- 2) 1. ... ♖xg3 2. ♕e3 ♗e7 3. fxg3
- 3) 1. ♖xb4 ♕e6+ (1. ... cxb4 2. ♖xc8) 2. g4 cxb4
- 4) 1. ... ♖c5 2. ♗b4
- 5) 1. ... ♖e4 2. 0-0-0+ ♕e7 3. ♖xe4
- 6) 1. ... ♕a5 2. b4 cxb4 3. ♖xd5
- 7) 1. ♕xc6 ♗c5
- 8) 1. ♗xg4 (1. ♗xf5 ♗xf5 (1. ... ♕c5+? 2. ♗xc5)) 1. ... ♕c5+ 2. ♕h1 fxg4
- 9) 1. ♖xc3 ♕h3+ 2. ♕g1 ♖xc3
- 10) 1. ♖xd4 ♖c2+ 2. ♕f1 ♖xd4
- 11) 1. ... ♗xe4 2. ♗g5 g6 3. dxe4
- 12) 1. ... ♕xd4 2. ♗d2 (2. ♗d3 ♕xb2 3. ♗xd7 ♗xd7 4. ♖xd7 ♕xa1)

47 The pin / Mix: A

- 1) 1. ♖c2 (1. ♖c1? ♙xf2+)
- 2) 1. ♙c5
- 3) 1. ♗d3
- 4) 1. ... ♙xg5
- 5) 1. ... ♜b3+
- 6) 1. ♗f4
- 7) 1. ♗d4
- 8) 1. ... ♜h4+
- 9) Drawing
- 10) 1. ♗g3
- 11) 1. ♗b7
- 12) 1. ♙e6

48 Defending against a threat: A

- 1) [♜d7] 1. 1. ... ♗d4 2. ♚f1 ♜xc1 (2. ... ♗d1+? 3. ♚e2 ♗xc1 4. ♜d7)
- 2) [♚xe2] 1. ... ♙b2 (1. ... ♗d2 2. ♙e1)
- 3) [♗b2 and g4#] 1. ♚g2 (1. b7 ♗b2)
- 4) [♗d1] 1. ... ♖e8
- 5) [♗xc1+ and ♗e1#] 1. ♗d7 ♗xc1+ 2. ♚xc1 ♗e1+ 3. ♗d1
- 6) [♖f6] 1. ... ♙d6
- 7) 1. ♙f1 (1. ♚h2 ♜g4+ 2. hxg4 ♖h4#)
- 8) [♙c3] 1. ... ♖e5
- 9) [d1♖+] 1. ♙d7+ ♚f8 2. ♙a4 b5 3. ♙b3 (3. ♙c2? ♙d3)
- 10) [♙d2; a3? ♙d6] 1. ... ♜d7
- 11) [♗d8+] 1. ... ♙d2 (1. ... b5 2. ♗f1; 1. ... ♗f8 2. ♗d8)
- 12) [♜f6] 1. ... ♗b4 2. ♜f6 ♗h4

49 Defending against a threat: B

- 1) 1. ♖d3 ♗xe1+ 2. ♙xe1+ ♖xe1 3. ♖f1
- 2) 1. ... ♙g5 2. ♗xg5 ♖f7
- 3) [♜g6+ and ♗h1#] 1. ... g6 (1. ... c5 2. ♜g6+ hxg6 3. ♗h1#)
- 4) [♜h2#] 1. ... ♖d2+ 2. ♜xd2 h4
- 5) [♖g8+] 1. ... ♗d7 (1. ... fxg5 2. ♖d4+; 1. ... ♖xb2 2. ♖g8+ ♗xg8 3. ♜f7#)
- 6) [♗xb7] 1. ... ♗a4 (1. ... ♖xc7 2. ♙xc7 ♗a4 3. ♖f3 0-0) 2. ♖xa4 ♜xc7
- 7) [♜xe6+ and ♙xg7#] 1. ... ♜f6 (1. ... ♗a7 2. ♜xe6+ fxe6 3. ♙xg7#)
- 8) 1. ... ♙h5 (1. ... ♙xh3 2. ♗xh4+; 1. ... ♙d7 2. ♗xh4+)
- 9) [♖g7+ and ♜g6#] 1. ... ♙g5 (1. ... c3 2. ♖g7+ ♙xg7 3. ♜g6#)
- 10) 1. ... ♖c6 (1. ... ♖xe4 2. ♗xd8+ ♙xd8 3. ♖e8#)
- 11) 1. ... ♖f4 2. ♗c2 ♖b8
- 12) [♜h2#] 1. ... ♙d5 2. cxd5 ♖xd5

50 Defending against a threat: C

- 1) [hxg5] 1. ♖d2 (1. ♙h4 g5 2. ♜xg5 hxg5 3. ♙xg5; 1. g4 hxg5) 1. ... ♖c7 2. ♙f4
- 2) 1. ♗e1 (1. ♖xd4? ♗xd4) 1. ... ♖xe4 2. ♗xe4 ♗d1+ 3. ♙f1
- 3) 1. ♜xf3 (1. exf3? ♖e3+)
- 4) 1. ♜c6 ♙xc6 2. ♖c4+
- 5) [♜f6] 1. ... f5 (1. ... ♜xc1? 2. ♜f6) 2. ♜f2 ♜bd4
- 6) 1. ... ♙a4 2. ♗xe8+ ♖xe8
- 7) 1. ♗e4 (1. ♗e3? ♖xd4 2. ♗g3+ ♚f8)
- 8) [♜xd7] 1. ... axb5 2. ♖a8+ ♚c7
- 9) 1. ... ♙e7 (1. ... ♙g7? 2. ♗xe6 fxe6 3. ♜f7#)
- 10) 1. ... ♖h3 (1. ... ♖xd4 2. ♖xf8+ ♚xf8 3. ♗c8#)

- 11) 1. ... ♕g3 2. ♖xh5 (2. ♖b1 ♕f4) 2. ... ♕f4
 12) 1. ... ♖f4 (1. ... g6 2. ♖h4 ♗f5 3. ♖f6; 1. ... ♖h6 2. ♖xf7+)

51 Defending against a threat: D

- 1) 1. ♗e2 (1. ♕g3 ♖xd4)
 2) 1. ♖b3 ♕c5 2. ♖g2
 3) [♖b4#] 1. a3 (1. ♖c4 ♖a3+ 2. ♖a4 ♖c3+)
 4) [♖g6] 1. ♗f8 (1. b7? ♖g6 2. ♗f8+ ♖f7; 1. ♖g8 ♖xb6 2. ♖f8 ♖h6)
 5) [♖f2] 1. ... f5 (1. ... ♖f7 2. ♖f2) 2. ♖f2 f4
 6) 1. ♖d2 (1. ♖xe4 ♕a2+; 1. ♕c3 ♗d5 2. ♖c1)
 7) [♖b1] 1. ... c5 2. ♖b1 c4
 8) [♕e7] 1. ♖aa1 (1. ♖f1 ♕e7) 1. ... ♖xb4 2. ♖xb4 ♖xb4 3. ♖a8+
 9) 1. ... a6 (1. ... b5? 2. a6 b4 3. b3 (3. ♖c2); 1. ... b6 2. a6 b5 3. ♖c2) 2. ♖c2 b6 (2. ... b5)
 10) 1. ♖f1 (1. ♖d2? ♗e4 2. ♖xc5 ♗xc5) 1. ... ♗d3 (1. ... ♗e4 2. ♗xe4 ♖xg1 3. ♗d6+) 2. cxd3
 11) 1. ... ♖e5 (1. ... ♖d7 2. ♕a4; 1. ... ♖e6 2. ♕c2) 2. ♕c2 ♖d4+
 12) 1. ♖f6 ♖xf6 2. ♖c8+ ♖g7 3. exf6+

52 Pawn endings / Key squares: B

- 1) 1. ... ♖c7! 2. ♖d5 ♖d7 ½-½
 2) 1. ... ♖d8! 2. ♖c6 ♖c8 ½-½
 3) 1. ♖c3! ♖b5 2. ♖d4
 4) 1. e4 ♖f7 2. ♖d6
 5) 1. ♖e4! ♖f6 2. ♖f4 ♖g6 3. ♖g4
 6) 1. ♖e4! ♖d6 2. ♖d4
 7) 1. ... ♖b7! 2. ♖a4 ♖a6 ½-½
 8) 1. ... ♖c7! ½-½ (1. ... ♖c8? 2. ♖c6)
 9) 1. ... ♖d8 2. ♖d5 ♖d7 ½-½
 10) 1. ♖h4 ♖f6 2. ♖h5 ♖g7 3. ♖g5
 11) 1. ♖c3 (1. ♖e3? ♖e7 ½-½) 1. ... ♖e6 2. ♖c4 ♖d6 3. ♖d4
 12) 1. ... ♖f6 2. ♖e4 ♖e6 3. ♖d4 ♖d6 4. ♖c4 ♖c6 ½-½

53 Pawn endings / Key squares: C

- 1) 1. exd4 (1. ♖d4? ♖d6 ½-½)
 2) Drawing
 3) 1. ... ♖b8 ½-½
 4) 1. ... d3 2. cxd3 ♖b6 ½-½
 5) 1. ... c5 ½-½
 6) 1. ♖f4
 7) 1. ... d4 2. exd4 ♖f8 ½-½
 8) 1. ♖d6!
 9) 1. g5 ♖e7 2. ♖e5
 10) 1. ... f5 2. ♖e5 ♖f8; 1. ... ♖e8 2. f5 ♖d7! / 2. ♖e6 f5 ½-½
 11) 1. ... h5 2. ♖g5 h4 3. ♖xh4 ♖h6 ½-½
 12) 1. ... ♖c6 ½-½

54 Test / Mix: G

- 1) 1. ... ♗b6 (defend against a pin)
 2) 1. ... ♖f3 2. ♖e1 ♖g2 (key squares)
 3) 1. ♕g5 (trapping)
 4) 1. ♖d4 (double attack: queen)
 5) 1. ... ♗g4 2. ♕xd8 ♗f2# (defend against a pin)
 6) 1. ♖h2 (1. ♕f4 d2; 1. ♕d2 stalemate)
 7) 1. ... ♗xh4 2. ♕xd7? ♕xg2# (defend against a pin)

- 8) 1. b8♖+ ♔xb8 2. ♔b6; 2. b6? ♔c8 3. b7+ ♔b8 (key squares)
- 9) 1. ... g5 and 2. ... ♔g6 (trapping)
- 10) 1. ♖a1 (defend against a pin) 1. ... fxe4 2. ♖a7+
- 11) 1. ♗e7+ ♔h8 2. ♗g6+
- 12) 1. ♕d5

55 Test / Mix: H

- 1) 1. ♖h2+ ♕xh2 2. ♖h4# (elimination of the defence: luring away)
- 2) 1. ... ♔d3 2. ♔b2 c4 3. ♔c1 ♔c3 (the square of the pawn, helping and key squares)
- 3) 1. ♗g5+ (1. ♗f6+? ♗xf6) (discovered attack)
- 4) 1. ... g4 (trapping)
- 5) 1. ♖xg7+ ♔xg7 2. ♖g5# (luring and double check)
- 6) 1. ♖xh6+ ♕xh6 2. ♖h7# (mate in two by access)
- 7) 1. ♖xh7+ (mate in two by access)
- 8) 1. ... ♖h1+ 2. ♔xh1 ♖xf1# (elimination of the defence: luring away)
- 9) 1. ♖e4+ of 1. ♖c6+ of 1. ♖g2+ (perpetual check)
- 10) 1. ♕f4 (x-ray attack)
- 11) 1. ♗c8+ ♔a8 2. ♗b6+ (perpetual check)
- 12) 1. ... ♔c4 (the square of the pawn, shielding off)

56 Test / Mix: I

- 1) 1. ♖xd6+ ♔e8 (1. ... ♔xd6 2. ♕f4#) 2. ♕g6# (mate in two door double check)
- 2) 1. ♕g4+ ♔e8 2. ♕xc8 (x-ray check)
- 3) 1. ♔d2 (defend against a double attack)
- 4) 1. ♕d5 (1. ♕d3 ♕c6) (attack on a pinned piece)
- 5) Drawing
- 6) 1. ♕d5+ ♖f7 2. ♖xe7 (discovered attack)
- 7) 1. ... ♔g8 2. ♔xg5 (2. e6 ♔f8) 2. ... ♔f7 (2. ... ♔g7? 3. e6 ♔g8 4. ♔g6 ♔f8 5. ♔f6 ♔e8 6. e7) (the square of the pawn)
- 8) 1. ♕e5 (1. g3? ♗xh3+ 2. ♔g2 ♗g5) 1. ... ♗g6 2. ♖xh6# (attack on a pinned piece)
- 9) 1. ♖xg4+ ♔xg4 (1. ... fxg4 2. ♖h1#) 2. ♕e2# (mate in two by access)
- 10) 1. ... ♖f8 (trapping)
- 11) 1. ... ♕g3+ 2. ♔g1 ♖e8 (discovered check and mat)
- 12) 1. ♗xe6 ♖xc3 (1. ... fxe6 2. ♖xc8+) 2. ♖a8+ (discovered attack)