

Step 5 extra

2 Mix / Step 2-4: A

1. ♖xc6 ♗xd1 2. ♜e7+ ♘h8 3. ♚axd1 (3. ♚fxd1) 3. ... ♙d7 4. ♜c5 (anders ♚ae8) (elimination of the defence: capturing+material in between move)
1. ♗f7+ ♘xf7 (1. ... ♗xf7 2. ♜h6#) 2. ♜h6# (mate in twee: double check)
1. ... ♗xf3+ 2. ♘xf3 ♜xh2+ 3. ♘g2 ♜xf1 4. ♘xf1 (double attack: luring)
1. ... ♜xd3 (1. ... e5? 2. ♜df5 ♜xd3 and nu is 3. ♚ad1 e4 4. ♜xe7+ ♗xe7 5. ♚xd3 better than immediately 3. ♜xe7+) 2. ♗xd3 e5 (pin: back piece luring + attack on a pinned piece)
1. ♙f8 △ ♙g7+ and ♗xd7 (discovered attack)
1. b3 ♗xa3 2. ♚xd7 (elimination of the defence: luring away + material)
1. ... ♗b5 2. bxc3 ♙xb7 (double attack: material + threat)
1. ... a2 2. ♗xa2 (2. ♘h3 a1♗) 2. ... ♗h2+ 3. ♙h3 ♗xa2 (cashing in on a passed pawn)
1. e6+ ♘xe6 2. ♚e5# (discovered check: luring)
1. ♜g5+ hxg5 2. ♙xg5 △ ♗h4+ (attacking the king: access)
1. ... c6 2. ♗xc6 (2. g3 cxb5) 2. ... d5 3. g3 ♚xc6 (elimination of the defence: interfering)
1. ♜e5 dxe5 2. ♗d8# (trapping a pinned piece is not a good defender)

3 Mix / Step 2-4: B

1. ♗xf6+ ♚xf6 2. ♚h5# (elimination of the defence: capturing + mate)
1. ♙xg7 (1. c4? ♙xf3) 1. ... ♘xg7 2. c4 (pin: line clearing + attack on a pinned piece)
1. ... ♗f1 2. ♜xh3 (2. ♗xh3 ♜f3#) 2. ... ♜f3+ (threatening mate)
1. ♙g6 (1. ♚c8+ ♘f7) 1. ... ♜e8 (1. ... ♚e8 2. ♙xe8 ♜xe8 3. ♚c8) 2. ♚c8
1. ♜d6 ♘c7 2. ♜b7 (cashing in on a passed pawn)
1. ... ♗xb2 2. ♚xf8+ ♙xf8 (trapping)
1. ♗e4 g6 2. c4 ♗c7 3. cxd5 (double attack: veld + threat)
1. ♙xf6 gxf6 2. ♚ab1 ♗xa5 3. ♚xb7 (X-ray attack: square clearing)
1. ♚2f6+ ♙xf6 (1. ... ♘h5 2. ♚xh7+) 2. ♗h4+ ♚h5 (2. ... ♘g6 3. ♗xh7#) 3. ♗xf6# (mate in three)
1. ... h4 2. ♗xd6 ♚c1 (threatening mate: bringing in the guard)
1. ... ♚b3 2. ♗xb3 ♗a1+ 3. ♗d1 ♗c3+ (discovered attack)
1. ♙xe7 ♜xc3 2. ♗e1 (in between move)

4 Mix / Step 2-4: C

1. ♗b5 ♚ed6 2. ♚d1 (trapping)
1. ♙d6 (attack on a pinned piece)
1. ♜xf7 ♙xf7 2. ♙h3+ (elimination of the defence: luring away + mate)
1. ... ♚d4 2. ♘f1 ♜xc1 (defending against a pin; ♜d7 threatened)
1. ... ♜d2 2. ♜e3 ♜f3+ (2. ... ♗xd4!; 2. ... ♜xf1? 3. ♜xf1) (double attack)
1. ... ♙f5 (1. ... ♙xf1? 2. ♗e6+ ; 1. ... ♗xf1+? 2. ♗xf1 ♙xf1 3. ♙xd6) 2. ♗g2 ♗h8+ (elimination of the defence: luring away + mate)
1. ... ♚g3 (1. ... ♗c7? 2. ♚xc7 ; 1. ... ♘a8? 2. ♚xc8#) 2. ♗xg3+ ♚c7 (getting out of check)
1. ♗xg7+ ♚xg7 2. ♜f7+ ♚xf7 3. ♚g8# (mate in three)
1. ♜xd6 ♚xf1+ 2. ♚xf1 ♗b8 3. ♜xe4 (discovered attack)
1. ♚f5 dxc3 (1. ... exf5 2. ♜xf5) 2. ♗xh6+ ♘xh6 3. ♚h5# (attacking the king: bringing in pieces)
1. ... ♗b5+ 2. ♘g1 ♙f5 (trapping: targeting)
1. ... ♚a4 2. ♗xa4 ♗xb6+ 3. ♘h1 ♗f2 (elimination of the defence: luring away + mate)

5 Mate / Mate in three: A

1. ♗f8+ ♘d7 2. ♙e6+ ♘xe6 3. ♗f5#
1. ♚g8+ ♚xg8 2. ♗xf6+ ♚g7 3. ♗xg7#
1. ... ♚a1+ 2. ♘xa1 ♜b3+ 3. ♘a2 ♗xb2#
1. ... ♗b1+ 2. ♘d2 ♗c1+ 3. ♘d3 ♜b4#
1. ... ♚xc2+ 2. ♘xc2 ♗b2+ 3. ♘d3 ♜c5#
1. ♚xh6+ gxf6 2. ♗g6+ ♘h8 3. ♗g8#
1. ♗d5+ (1. ♙d5+? ♚e6) 1. ... ♙xd5 2. ♙xd5+ ♚e6 3. ♙xe6#
1. ♜f6+ ♗xf6 2. ♚h8+ ♗xh8 (2. ... ♘xh8 3. ♗g8#) 3. ♗g6#

- 9) 1. ♖d2+ ♜xa4 2. ♖a2+ ♜b4 3. ♖a3#
 10) 1. ♜h6+ ♜e7 2. ♜g8+ ♜f7 3. ♜g5#
 11) 1. ♖h8+ ♜g6 2. h5+ ♜xg5 3. ♖g7#
 12) 1. ♜g4+! hxg4 (1. ... ♜g7 2. ♖h7#; 1. ... ♜e7 2. ♖d6#) 2. ♙e5+ ♜xe5 (2. ... ♜e7 3. ♖d6#) 3. ♖d4#

6 Mate / Mate in three: B

- 1) 1. ♜e5+ ♚xe5 2. ♚f4+ ♜xf4 3. ♚xh4#
 2) Drawing
 3) 1. d4+ ♚xd4 2. ♙g3+ ♚f4 (2. ... ♖f4 3. ♜g4#) 3. ♜f3#
 4) 1. f5+ (1. ♚ge7+ ♜f6; 1. ♚ce7+ ♜xd6 2. ♙a3+ c5 3. ♚d7+ ♜c6 4. ♚c7+ ♜d6 5. ♚gd7+? ♜e6) 1. ... ♜xd6 2. ♙a3+ c5 3. ♚gd7#
 5) 1. ... b5+ 2. ♜a5 ♚xa3+ 3. bxa3 ♙c3#
 6) 1. ... ♜h1+ 2. ♚xh1 ♚df2 3. ♜e4 ♚f3#
 7) 1. ♜e6+ ♖xe6 2. ♖h6+ ♜xh6 3. ♙f8#
 8) 1. ♜g5+ ♜h6 (1. ... ♙xg5 2. ♜f7) 2. ♚h8+ ♜xg5 3. h4#
 9) 1. h4+ ♜h5 2. ♚f5+! gxf5 3. ♙f7#
 10) 1. ♙g7+ ♜e7 2. ♙f6+ ♜xe6 3. f8♜#
 11) 1. ♚a7 ♙d7 2. ♚c7+ ♚xc7 3. ♜d8#
 12) 1. ♚a4+ ♜xa4 (1. ... ♙xa4 2. b4+ ♜b5 3. ♜d6#) 2. ♜c5+ ♜a5 3. b4#

7 Mate / Mate in three: C

- 1) 1. ♖a3+ ♜b7 2. ♖b2+ ♜a8 3. ♚a3#
 2) 1. ♖h8+ ♜e7 2. ♚c7+ ♜d6 3. ♖e5#
 3) 1. ♖h4+ ♜f3 2. ♖h5+ g4 3. ♖h1#
 4) 1. ... ♖d8+ 2. ♜c6 ♖c8+ 3. ♜d5 (3. ♜b5 ♖d7#) 3. ... ♖a8#
 5) 1. ♖h1 g5 (1. ... ♜h6 2. ♜g2+ ♜g5 3. ♖h4#) 2. ♜g2+ ♜g6 3. ♖h5#
 6) 1. ♖e5+ ♜h4 2. ♖g5+ hxg5 3. ♚h7#
 7) 1. g5+ ♜xg5 2. ♖g3+ ♜xf5 3. ♚e5#
 8) 1. ♚xa6+ ♜b5 (1. ... bxa6 2. ♖b8#) 2. ♖d5+ ♚c5 3. ♖xb7#
 9) 1. ♚g6+ ♜h5 2. ♚g5+ ♜h6 3. ♖h5#
 10) 1. ♜c3+ ♜a3 2. ♖a2+ ♜xa2 3. ♚a4#
 11) 1. ♚f5+ ♜e6 2. ♚f6+ ♜e5 3. ♖f4# (3. ♖e6#; 3. ♚e6#)
 12) 1. ♚c3+ dxc3 2. ♖e4+ ♖d4 3. d3#

8 Mate / Mate in three: ♖

- 1) 1. ... ♚df2+ 2. ♜e4 ♚g4+ 3. ♜d3 ♚d2#
 2) 1. ♜c4+ dxc4 2. ♜e4+ ♜d5 3. ♖e5#
 3) 1. ♜d8+ ♚xd8 2. ♖e6+ ♜g6 3. ♜f4#
 4) 1. ♜f3+ ♜xf3 (1. ... ♜g4 2. ♚h4#) 2. ♜xf3 ♚de8 3. ♙h4#
 5) 1. g8♖+ ♜xg8 2. ♙f6+ ♜h7 3. ♖g7#
 6) 1. ♙f7+ ♜xf7 2. ♖xc6+ ♜d8 3. ♜xf7#
 7) 1. ... ♖d1+ 2. ♚xd1 ♚e1+ 3. ♜xe1 ♜f3#
 8) 1. ♜fe4+ ♙xe4 2. g5+ ♜f5 3. ♚f7#
 9) 1. ♖f6+ ♜xh6 2. g4
 10) 1. ♖f5+ ♜xf5 2. ♙f7 a5 3. ♜e3#
 11) 1. ♖h8+ ♜xh8 2. ♚xf8+ ♜xf8 3. ♜xf7#
 12) 1. ♖d8+ b6 2. ♖d1 bxc5 (2. ... ♚xc5 3. b4#; 2. ... ♜xa3 3. ♖d2#) 3. ♖d8#

9 Pawn endings / Breakthrough: A

- 1) 1. a5 bxa5 2. b5
 2) 1. a5 ♜e4 2. b5 cxb5 3. c6
 3) 1. c6 bxc6 2. a5 ♜c5 3. a4
 4) 1. ... g3 2. hxg3 h3 3. a6 h2
 5) 1. ... b3 2. h4 c3
 6) 1. ... h3 2. ♜g3 f4+ 3. ♜xh3 fxe3 4. ♜g3 e2 5. ♜f2 exf3
 7) 1. c5 (1. d5 cxd5 2. c5 d4 3. c6 d3 4. c7 d2 5. c8♖ d1♖=) 1. ... ♜g5 2. d5 ♜f6 3. d6 ♜e6 4. ♜xh3
 8) 1. d4 exd4 (1. ... ♜xc4 2. dxe5 ♜c5 3. ♜c3 ♜b6 4. e6 ♜b7 5. e7) 2. e5 ♜c5 3. ♜c2
 9) 1. ... a4 2. ♜e4 b4 3. ♜xd4 bxa3 4. ♜c3 ♜g5

- 10) 1. c4 ♖xc4 2. e6 fxe6 3. g5 ♕d5 4. g6
 11) 1. g4 a5 2. h4 gxh4 (2. ... a4 3. hxg5 a3 4. g6 a2 5. g7+ ♖h7 6. g8♖+ ♖h6 7. ♗g7#) 3. g5 h3 4. g6 h2 5. g7+ ♖h7 6. g8♖+
 12) 1. b3! (1. b4? ♖f8 2. b5 ♖e8 3. ♖f5 ♖d8 4. ♖e5 ♖e7) 1. ... ♖f8 2. b4

10 Pawn endings / Mix: A

- 1) 1. ♖f2 a5 2. b5 a4 3. b6 a3 4. b7 a2 5. b8♖ a1♖ 6. ♖b7#
 2) 1. f3 ♖a6 2. b4 h6 3. ♖c6 h5 4. ♖c5
 3) 1. d5 exd5 2. d4
 4) 1. ♖f6 (1. ♖f5 h4 2. gxh4 ♖xf7) 1. ... h4 2. g4 h3 3. g5 h2 4. g6 h1♖ 5. g7#
 5) 1. a3! (1. ♖d1 ♖f8 2. a3) 1. ... ♖f8 2. b3 ♖g7 3. a4
 6) 1. ... g5 2. h5 g4
 7) 1. ♖e5! (1. ♖d5? ♖b4 2. ♖d4 ♖a3 3. ♖d5 ♖xa2 4. ♖c6 ♖b3 ; 1. a3 ♖a4; 1. ♖c3 ♖a4) 1. ... ♖b4 2. ♖d5
 8) 1. a3 (1. ♖e5 b4 2. ♖f5 ♖f8)
 9) 1. ... ♖g8 (1. ... ♖g6 2. f4 ♖f6 (2. ... gxf4 3. g5 f3 4. ♖h3) 3. f5 g6) 2. ♖h3 ♖f8 3. f4 gxf4 4. ♖xh4 ♖e7 5. ♖h3 ♖xe6
 10) 1. ... ♖g1 2. ♖e2 ♖g2 3. ♖e3 ♖f1 4. ♖e4 ♖e2 5. ♖e5 ♖d3 6. ♖xe6 ♖c4 7. ♖d6 b4 8. ♖c7 ♖xa4 9. ♖c6 ♖a5
 11) 1. e6 ♖c6 2. e5 c4 3. c3 bxc3 4. ♖a3 a4 5. ♖a2
 12) 1. ... gxf3 (1. ... ♖e5 2. ♖g2) 2. ♖f2 ♖e6 3. ♖xf3 ♖e5

11 Pawn endings / Defending: A

- 1) 1. ♖b2 (1. b4? ♖c2!) 1. ... d4 2. b4 d3 3. b5 ♖e2 4. b6 d2 5. b7 d1♖ 6. b8♖
 2) 1. h5! (1. ♖f4? h6 2. ♖e4 ♖e8! ; 1. ♖g4? h6 2. ♖f4 ♖d7! (2. ... ♖e8? 3. ♖e4 ♖f7 4. ♖f3! ♖f6 5. ♖f4) 3. ♖f3 ♖d6!) 1. ... g5 2. h6! (2. ♖g4? h6) 2. ... ♖e7 3. ♖g4 ♖f6 4. ♖h5 ♖f5
 3) 1. ... fxg3 (1. ... hxg3? 2. ♖g1 – 2. h4 f3 3. gxf3 ♖f2)
 4) 1. ♖h3 (1. ♖g3 h5) 1. ... h5 (1. ... ♖xe5 2. ♖g4 ♖f6 3. ♖h5 ♖g7 4. g4) 2. g4+
 5) 1. c4 (1. ♖d4 ♖b3) 1. ... ♖b3 2. ♖d5 ♖xa4 3. c5
 6) 1. ♖b3 ♖c5 2. ♖a4 ♖c4 3. b6 axb6=
 7) 1. f5 (1. fxg5+ ♖g6 2. ♖f4 ♖h5) 1. ... exf5+ 2. ♖xf5 ♖h5 3. ♖f6 g4 4. ♖xf7 g3 5. e6 g2 6. e7 g1♖ 7. e8♖
 8) 1. ... ♖e4 2. ♖g3 ♖f5 (2. ... ♖xd4? 3. h5 ♖e5 4. ♖xg4 ♖f6 5. ♖f4) 3. h5 ♖g5 4. h6 ♖xh6 5. ♖xg4 ♖g6
 9) 1. h4! (1. c8♖+ ♖xc8 2. h4 ♖d7; 1. h3 ♖xc7) 1. ... gxh3ep 2. c8♖+ ♖xc8=
 10) 1. ♖g1 (1. h3 h5 2. ♖g1 ♖f3 3. hxg4 hxg4 4. ♖h2 ♖f2; 1. ♖h1 ♖f2 2. h3 h5) 1. ... ♖f3 2. ♖f1
 11) 1. a5 (1. c5+ bxc5+ 2. ♖c4 a5 3. ♖b5 ♖xd5 4. ♖xa5 ♖c6 ; 1. ♖c3 ♖c5 2. ♖b3 b5 3. cxb5 axb5 4. a5 (4. axb5 ♖xb5) 1. ... bxa5 2. c5+ ♖e7 3. ♖c4 ♖f6 4. ♖b3 ♖e5
 12) 1. ♖d4 ♖c6 2. c4! (2. c3? b3 3. ♖d3 ♖c5 4. ♖d2 ♖c4; 2. ♖e3? ♖d5 3. ♖d3 ♖c5 4. ♖d2 (4. c3 b3) 4. ... ♖c4 5. ♖c1 ♖c3! (5. ... b3? 6. ♖b2 bxc2 7. ♖xc2 ♖b4 8. ♖b2=) 6. ♖b1 b3 7. ♖c1 b2+ 8. ♖b1 b4 9. ♖a2 b3+ 10. cxb3 ♖c2) 2. ... ♖b6 (2. ... b3 3. cxb5+ ♖xb5 4. ♖c3 ♖a4 5. ♖b2) 3. ♖d3! (3. c5+ ♖c6 4. ♖d3 ♖xc5 5. ♖c2 ♖c4 6. ♖b2 b3 7. ♖a3 b2–+) 3. ... b3 (3. ... ♖c5 4. cxb5) 4. cxb5 (4. c5+? ♖xc5 5. ♖c3 b2 6. ♖c2 ♖c4 7. ♖xb2 ♖b4) 4. ... ♖xb5 5. ♖c3

12 Pawn structure: A

- 1) 1. ... f5
 2) 1. ♖xf6 ♖xf6 2. ♖xd5
 3) 1. f4 ♖c6 2. ♖xc6 bxc6 3. ♖e4
 4) 1. ... e5 2. d5 e4 3. ♖xe4 ♖xc4
 5) 1. d5 ♖xd5? 2. ♖xd5 ♖xc1?? 3. ♖xe7+
 6) 1. ♖bd6 cxd6 2. ♖xd5 ♖c6 3. ♖xd6 ♖g4 4. ♖xd8 ♖axd8 5. ♖xh6
 7) 1. ... ♖f5 2. ♖xc7 ♖xc7 3. ♖xc7 ♖xd4
 8) 1. ... b4 (1. ... c5 2. d5) 2. e5 bxc3 3. ♖xc3 ♖xe5
 9) 1. ♖e4 ♖xe4 2. fxe4
 10) 1. e4 d4 2. ♖c4+
 11) 1. ♖b5 ♖g4 2. ♖xc6 bxc6 3. ♖a4
 12) 1. ... a5 2. a3? axb4

13 Pawn endings / Pawn race: A

- 1) 1. g4 b5 2. g5 b4 3. g6 b3 4. g7 b2 5. g8♖ b1♖ 6. ♖g6+
 2) 1. e6 (1. h5 a4 2. e6 a3 wins in 70 moves) 1. ... fxe6 2. h5.

- 3) 1. ♖c6! (1. a4 c5 2. a5 c4 3. a6 c3 4. a7 ♖b1 5. a8♙ c2=) 1. ... ♖c3 2. ♖c5
- 4) 1. c4 (1. g4 ♖xc3 2. g5 c4 3. g6 ♖b2 4. g7 c3 5. g8♙ c2=) 1. ... ♖c3 2. g4 ♖xc4 3. g5 ♖d3 4. g6 c4 5. g7 c3 6. g8♙ c2 7. ♙g5
- 5) 1. ♖d3 ♖b3 2. ♖d4 ♖b4 3. h5 (3. ♖e3 c5+ 4. ♖e3 (4. ♖d3? ♖b3) 4. ... c4
- 6) 1. ♖d6 g4 2. a5 g3 3. a6 g2 4. a7 g1♙ 5. a8♙
- 7) 1. ♖f8 f3 2. g7 f2 3. g8♙ f1♙+ 4. ♙f7+ ♙xf7+ 5. ♖xf7
- 8) Drawing
- 9) Drawing
- 10) 1. a7 (1. ♖b7 h3 2. gxb3 gxb3 3. a7 h2 4. a8♙ h1♙+; 1. ♖b8 h3 2. gxb3 g3 3. a7 g2 4. a8♙ g1♙) 1. ... h3 2. gxb3 g3 (2. ... gxb3 3. ♖b8 h2 4. a8♙) 3. ♖b7
- 11) Drawing
- 12) Drawing

14 Pawn endings / Mix: B

- 1) 1. h4 g5 2. h5
- 2) 1. c4 dxc4 2. ♖d2 ♖f2 3. ♖c3 ♖e3 4. ♖xc4
- 3) 1. ♖h4 e4 2. ♖g3 ♖a7 3. ♖f4 h4 4. ♖xe4
- 4) 1. e6! (1. hxc4+? ♖xe5 2. ♖g5 ♖e4 3. ♖f6 ♖xe3) 1. ... ♖xe6 2. ♖xc4
- 5) 1. b8♙+! (1. a6? ♖b8 2. a7+ ♖xa7) 1. ... ♖xb8 2. a6 ♖a7 (2. ... ♖c7 3. a7) 3. c7
- 6) 1. ... h5 2. ♖c4 ♖g2
- 7) 1. ... ♖f4 2. ♖g6 g4
- 8) 1. d3 ♖d6 2. d4 cxd4 3. ♖xd4
- 9) 1. e6 fxe6 2. ♖e5
- 10) 1. ♖f6 (1. ♖xf7 ♖f5 2. ♖g7 ♖e6 3. ♖xh7 ♖f7) 1. ... ♖f4 2. ♖g7 f5 3. ♖xh7 ♖e3 4. ♖g7 f4 5. h7 f3 6. h8♙ f2
- 11) 1. h5 ♖g5 2. h6 ♖xh6 3. ♖xf6 ♖h5 4. ♖xf5
- 12) 1. ... f4+ 2. gxf4+ ♖f5 3. ♖f3 h4

15 Pawn endings / Mix: C

- 1) 1. g3 ♖d4 (1. ... hxc3 2. h4) 2. gxb4 (2. ♖f3? hxc3 3. h4 g2 4. ♖xc2 ♖xe4 5. h5 ♖xf5) 2. ... ♖xe4 3. h5 ♖xf5 4. h4
- 2) 1. h5 ♖e7 2. ♖c6 ♖d8 3. ♖d6
- 3) 1. ... g5 2. a5 gxb4 3. a6 h3
- 4) 1. e5 ♖c5 (1. ... c5 2. e6 ♖b3 3. ♖d2 ♖b2 4. e7 c4 5. e8♙ c3+ 6. ♖d3 c2 7. ♙b5+) 2. ♖e4 ♖b6 3. ♖f5 ♖c7 4. ♖f6
- 5) 1. ♖c7 c5 2. ♖b6 cxb4 3. cxb4 ♖c4 4. ♖a5
- 6) 1. ... f4 (1. ... ♖g4 2. ♖e3 ♖g3 3. ♖e2) 2. ♖c3 ♖g4 3. ♖d2 ♖g3
- 7) 1. ... g4 2. hxc4 hxc4 3. ♖b3 ♖d2 4. ♖c4 ♖e2 5. ♖d4 ♖xf2 6. ♖e4 ♖xc3
- 8) 1. ♖d5 (1. ♖f3 ♖f5 2. ♖g3 ♖e5 3. ♖g4 ♖f6) 1. ... g4 2. ♖e4
- 9) 1. bxa5+ (1. ♖c3 a4! 2. ♖d3 ♖b5 3. ♖c3 ♖c6) 1. ... ♖xa5 2. ♖c3 ♖a4 3. ♖b2 ♖a5 4. ♖b3 ♖b5 5. a4+ ♖a5 6. ♖a3 ♖a6 7. ♖b4 ♖b6 8. a5+ ♖a6 9. ♖a4
- 10) 1. h4! (1. ♖f2 h4 2. ♖g2 g4) 1. ... g4 (1. ... gxb4 2. ♖f2) 2. ♖f2
- 11) 1. ... b4 2. g6+ ♖f6 3. e4 e5
- 12) 1. h5 (1. g5? hxc5 2. h5 g4 3. h6 g3 4. h7 g2 5. h8♙ g1♙ 6. ♙c8+ =) 1. ... ♖d5 2. g5 ♖e6 (2. ... hxc5 3. h6) 3. g6 ♖f6 4. a3

16 Seventh rank: A

- 1) 1. ♚e7 ♚f7 2. ♚e8+ ♚f8 3. ♙e7
- 2) Drawing
- 3) Drawing
- 4) 1. ♙d1 ♙b8 (1. ... ♖xe7 2. ♙d7+ ♖f8 3. ♙d8#) 2. ♙d7
- 5) 1. ♚e7 ♖d3 2. ♜xc8
- 6) 1. ♙d6 ♖g8 2. ♙e6+ (2. ♙e7 ♙g6) 2. ... ♖h8 3. ♙e7
- 7) 1. ♖xf6 ♙e6 (1. ... ♚e6 2. ♚c7+ ♚xf6 3. ♚xc8+ ♖g7 4. ♚g8#) 2. ♚e7+ ♙xf6 3. ♚xe8+ ♖g7 4. ♚g8#
- 8) 1. ... ♚g6 2. ♖g4 ♖xc4 (2. ... ♚xc4? 3. hxc4 ♖xc4 4. ♜d4 ♖f3+ 5. ♜xf3 exf3 6. ♖f2) 3. hxc4 ♚xc4
- 9) 1. ♚xf6 gxf6 2. ♖h6
- 10) 1. ♜xc6+ hxc6 2. ♙h5+ gxb5 3. ♚h7#

- 11) 1. ... ♖f3 2. ♙xf3 ♜xh2+ 3. ♜xh2 (3. ♜g1 ♞xg3+ 4. ♜f1 exf3) 3. ... ♞xg3+ 4. ♜h1 ♞h2#
 12) 1. e4 dxe4 2. ♙g5+ ♜f5 3. ♜b5+

17 Seventh rank: A

- 1) 1. ♖c7+ ♜a7 2. ♞xa6+ bxa6 3. ♖b5+ ♜a8 4. ♜a7#
 2) 1. ♖e6 ♞e5 2. ♖xf8 ♞xe7 3. ♞xh7+ ♜xf8 4. ♞h8#
 3) 1. ♞h3+ ♜g8 2. ♖f6+ gxf6 3. ♞h7+
 4) 1. ♖g5 (1. ♜a7 g5 2. ♖d2 ♞g6 3. ♞xc6 g4) 1. ... ♙xg5 2. ♜a7
 5) 1. ♞xe7 ♜xb4 2. ♜f7+ ♜e8 3. ♖xf6+ ♜d8 4. ♜d7#
 6) 1. ♞xh7+ ♖xh7 2. ♙b2+ e5 3. ♞xd5
 7) 1. f6 ♙xd5 2. ♜e8+ ♙g8 3. f7 ♖xf7 4. ♖xf7#
 8) 1. ♞xf7 ♞xf7 2. ♜c7 ♜d7 3. ♞g6+ ♞xg6 4. hxc6+ ♜xg6 5. ♜xd7
 9) 1. ♜h2 (1. ♖xf3 exf3 2. ♞gg7 ♜b1+ 3. ♜h2 ♜h8 4. ♜xa7+ ♜b8) 1. ... e5 2. ♞gg7
 10) 1. ♞xe7+ (1. ♜f8+ ♜g7) 1. ... ♞d5+ 2. ♞xd5+ cxd5 3. ♖e6
 11) 1. ♜c7 ♞f8 (1. ... ♖h5 2. ♞xh5 ♞d4 3. ♞f5) 2. ♜xf6 ♞xf7 (2. ... ♞g8 3. ♜xb7 e3 4. ♞xg8+ ♜xg8 5. ♜e6 d4 6. ♜d7) 3. ♜xf7 a3 4. ♜xg7
 12) 1. b4 (1. ♙d5 ♞d1) 1. ... ♙g7 (1. ... ♞a6 2. ♜xf8+ ♜xf8 3. ♙xa6; 1. ... ♞d1 2. ♜e7+ ♜h8 3. ♙e5+ ♙g7 4. ♙xg7+ ♜h7 5. ♙f6#) 2. ♜xa7+ ♜f8 3. ♜xa4

18 Discovered attack / Mix: A

- 1) 1. ... ♜xc1 2. ♜xc1 ♙xf2+ 3. ♜xf2 ♞xd3
 2) 1. ♜e8+ ♜xe8 2. ♙xg7+ ♜xg7 3. ♞xd3
 3) 1. ♖b5 cxb5 2. ♙xf7
 4) 1. ♖xh5 gxh5 2. g6 fxg6 3. ♞xf4
 5) 1. ... Td8 2. Db6 Pb3+ 3. axb3 Dxd2+
 6) 1. h3 ♖h6 2. ♙xh6
 7) 1. ... f4 2. exf4 (2. ♙xf4 ♖xe5+) 2. ... ♖xe5
 8) 1. ♖xc6 bxc6 2. ♙b6
 9) 1. ♜xc5 dxc5 2. ♖f6+
 10) 1. ♞xd4 ♞xd4 2. ♙f5+
 11) 1. ♖d5 ♞b8 (1. ... ♞d7 2. ♖f6+) 2. ♖f6+ (2. ♖e7+)
 12) 1. ♖d6+ ♙xd6 2. ♙b5+ ♜f8 3. ♞xd4

19 Discovered attack / Mix: B

- 1) 1. ♞f5+ ♜xf5+ 2. exf5+ ♜xf5 3. ♙xa8
 2) 1. ♖xc6 ♞xc3 2. ♖xe7+ ♜h8 3. ♖f7#
 3) 1. ♙b4 ♜e8 (1. ... ♖b6 2. ♙xf8) 2. ♙xf7+
 4) 1. ... ♖c5 2. ♞a3 ♖xa6 3. ♞xa6 ♞d7
 5) 1. ... ♜e2+ 2. ♙xe2 f3+
 6) 1. ... ♖xe4 2. ♞xe4 d5
 7) 1. ♞c2 ♙a3 (1. ... ♜f7 2. ♞xb2) 2. ♙b4+
 8) 1. ... ♙xd5 2. exd5 g3
 9) 1. ♜d7 ♖xd7 (1. ... ♖g4+ 2. ♞xg4) 2. ♙e4+
 10) 1. ♖f6+ ♞xf6 2. ♙xe5 (2. ♙g5 ♖xf3+)
 11) 1. d5 ♙xd5 2. ♖xe5
 12) 1. ... ♜d7 2. ♞e3 ♖f4

20 Discovered attack / Mix: C

- 1) 1. f6 ♙xf6 2. ♖c4
 2) 1. ♙b5 ♞b6 2. ♙c4+
 3) 1. ... ♖e4 2. ♞xd8 ♙xh6+ 3. ♜b1 ♖xc3+
 4) 1. ♙c2 ♞c4 2. ♙a4+ b5 3. ♜xc4
 5) 1. ♞f4 ♙xb3 2. ♖g6+
 6) 1. ♙c7 ♜xc7 2. ♖xe6+
 7) 1. ♞a4 ♜b8 2. ♜c8+
 8) 1. ♙c1 ♞g6 2. ♖xd6
 9) 1. ... ♜xc1+ 2. ♜xc1 ♜xb3 3. ♜c8+ ♜h7 4. axb3 ♖h3+
 10) 1. c4 ♖xd4 2. ♖h5+ gxh5 3. ♞xd6

- 11) 1. ♖f6 ♜f8 2. ♙g5
 12) 1. ... ♙c3 2. ♖xc3 axb4

21 Discovered attack / Mix: D

- 1) 1. ... ♙xd4 2. ♙xd4 ♖g5
 2) 1. ♜d6 ♙e8 2. ♖xa4
 3) 1. ♜e8+ (1. d5 ♖xf6) 1. ... ♜xe8 2. d5+ ♖f6 3. ♖xf6+ ♜xf6 4. ♜xe8
 4) 1. ... g5 2. ♖g3 ♜h5
 5) 1. ♖xf8+ ♜xf8 2. c6+ ♜g7 3. cxb7
 6) 1. ... b4 2. axb4 ♜b3+ 3. ♜xb3 ♖xh5
 7) 1. ♜b3 ♖c7 2. ♜xd6 (2. ♜b5 ♙xf4 3. ♜xc7 ♙xc7) 2. ... ♜xd6 3. ♜b5
 8) 1. ... ♙f5 2. ♖h4 ♙xd6
 9) 1. ... ♜xe6 2. ♜xe6 ♜f4
 10) 1. ♜h8+ (1. ♙d4? ♜xf2+ 2. ♜xf2 ♜xf2+ 3. ♙xf2 ♖xe8) 1. ... ♜xh8 2. ♙d4+ cxd4 3. ♖xe2
 11) 1. ♙f8 ♖xf8 (1. ... ♜gxf8 2. ♙g6+ ♜g8 3. ♖h7#) 2. ♙g6+ ♜g7 3. ♖h7#
 12) 1. ... a6 2. ♙xa6 ♖c6

22 The pin / Mix: A

- 1) 1. ... e5 2. ♜e2 d4
 2) 1. g4 ♙xg4 2. ♙xe4
 3) 1. ... ♖b6 2. ♙e2 e5
 4) 1. ... e5 2. dxe5 d4
 5) 1. ... ♜d6 (1. ... ♜dc8 2. ♜e6) 2. ♜dc1 Rc8
 6) 1. ... e4 2. c4 (2. ♖xe4 ♖xe4+ 3. ♙xe4 ♜e8 ; 2. ♙xe4 ♜e8) 2. ... ♖xd3
 7) 1. ♜xc6 (1. f3 ♖h4+) 1. ... bxc6 2. f3
 8) Drawing
 9) Drawing
 10) 1. ... ♜e4+ 2. fxe4 ♜f8
 11) 1. ♖a4 c6 2. b3
 12) 1. ♜f7 ♖xf7 2. ♜xf7+ ♜g8 3. ♜h6+ ♜g8 4. ♜f5

23 The pin / Mix: B

- 1) 1. ... ♙xb1 2. ♜xb1 ♙b4
 2) 1. e4 ♙g4 2. e5
 3) 1. ♙b5+ c6 2. ♜e1
 4) 1. ♙g4 ♖c7 2. ♙e6
 5) 1. ... ♙d3 2. ♜b2 ♙e4
 6) 1. ♜e7 (1. ♖xd7 ♜xd7 2. ♜e7 ♜e5) 1. ... ♖xb7 2. ♜xb7
 7) 1. ... ♜xd4 (1. ... b5 2. ♜xb5) 2. exd4 b5
 8) 1. ... ♜xe4 2. ♜xe4 ♙d4
 9) 1. ♙b2 ♜a4 2. ♖xe5 dxe5 3. ♙xe5
 10) 1. ♜c7 ♖a4 2. ♖a8
 11) 1. c5 bxc5 (1. ... exd5 2. c6 ♙xc6 3. ♙xa6) 2. ♙b5
 12) 1. ... ♜xe4 2. ♜xe4 ♖h4

24 The pin / Mix: C

- 1) 1. a4+ ♜b6 2. ♜xc5 ♜xc5 3. ♜b4
 2) 1. ♙xf6 ♙xf6 2. d5
 3) 1. e3 ♖d2 2. ♖a5
 4) 1. ♙h3 ♖xh3 (1. ... ♖c6 2. ♜xa5) 2. ♜xb6+ (2. ♜xa5+? ♖d7)
 5) 1. ♜xc6 bxc6 2. ♙xc5
 6) 1. ♜xf6+ ♜xf6 2. e4
 7) 1. ♜c7 ♜b8 2. ♜e8
 8) 1. ... ♜f3+ 2. gxf3 ♙d4
 9) 1. ♜e4 ♜g7 2. ♜c3 (2. c4 ♙xe4 3. ♜xd8) 2. ... ♙xg2 3. ♜xd8 ♙xh1 4. ♜b5
 10) 1. ♖xf8+ (1. ♙c6 ♜g8) 1. ... ♖xf8 2. ♙c6
 11) 1. ... ♙b3 2. ♜b1 ♙a4
 12) 1. ... ♙g4 (1. ... ♙d7 2. ♙d3) 2. ♜b3 (2. ♙d3 exd3 3. ♜xb6 d2) 2. ... ♙d1 3. ♜b4 ♙e2

25 Endgame / Rook against pawn: A

- 1) Drawing
- 2) 1. ... ♖c5 (1. ... ♖b5 2. ♜c7 ♖b4 is also good) 2. ♖e6 ♖c4 3. ♖e5 c2=
- 3) 1. ... ♖c3 2. ♖b5 ♖b3 3. ♖c5 c3 4. ♖d4 c2 5. ♜c7 ♖b2
- 4) 1. ♜f1 ♖f5 2. ♖f7 ♖g4 3. ♖e6
- 5) 1. ♖d3 g3 2. ♜f7+ ♖g2 3. ♖e2
- 6) 1. ♖c6! b3 (1. ... ♖c4 2. ♖b6) 2. ♖b5 ♖c3 3. ♖a4 b2 4. ♖a3
- 7) 1. ♜a2+! ♖f3 2. ♜a8 e3 3. ♜f8+ ♖e2 4. ♖g2
- 8) 1. ♜f6+ ♖e3 2. ♜g6 ♖f4 3. ♜g8 g4 4. ♖g6 g3 5. ♖h5
- 9) 1. ♖b3 ♖e3 2. ♖c2 ♖e2 3. ♜e8+
- 10) 1. ♜c7+! ♖b3! (1. ... ♖d3 2. ♜b7 ♖c4 3. ♖c7 b4 4. ♖b6 b3 5. ♖a5) 2. ♖d7 b4 3. ♖d6! (3. ♖c6? ♖c4! 4. ♖b6+ ♖d3) 3. ... ♖a2 4. ♖c5 (4. ♜a7+? ♖b2 5. ♖c5 ♖c3) 4. ... b3 5. ♖b4 b2 6. ♜a7+ ♖b1 7. ♖b3
- 11) 1. ♖d7 b4 2. ♖c7! ♖b5 3. ♖b7! ♖c4 4. ♖a6
- 12) 1. ♜d1 ♖h2 2. ♖e2 ♖g2 (2. ... g2 3. ♖f2) 3. ♜a1 ♖h3 4. ♖f3 ♖h2 5. ♜b1 g2 6. ♖f2

26 Endgame / Rook against pawn: B

- 1) 1. ♜e5 ♖b6 2. ♖g7 ♖a5 3. ♖f6 ♖b4 4. ♖f5 ♖c4 5. ♖e4 b4 6. ♖e3 (6. ♜e8 ♖c3 7. ♖e3 b3 8. ♜c8+!) 6. ... b3 7. ♖d2
- 2) 1. ♜e8 (1. ♖h5 ♖f3 2. ♜e8 g3) 1. ... ♖f3 2. ♜f8+ ♖e2 3. ♜g8 ♖f3 4. ♖h5 g3 5. ♖h4 g2 6. ♖h3
- 3) 1. ♖h4 ♖f3 2. ♖h3 (2. ♜f6+ ♖g2 3. ♜e6 ♖f3 4. ♖h3 e3 5. ♜f6+ ♖e2 6. ♖g2) 2. ... e3 3. ♜f6+ ♖e2 4. ♖g2 ♖d1 5. ♖f3
- 4) 1. ♖f5 c4 2. ♖e4 c3 3. ♖d3 c2 4. ♜d2
- 5) 1. ♜f8 ♖h2 2. ♖e5 g3 3. ♖f4 g2 4. ♜h8+ ♖g1 5. ♖g3
- 6) 1. ♖f7 ♖e4 2. ♜e8+! ♖f3 (2. ... ♖f4) 3. ♜d8 ♖e4 4. ♖e6 d4 5. ♖d6! d3 6. ♖c5 ♖e3 7. ♖c4 d2 8. ♖c3
- 7) 1. ... c2 2. ♜b4+ ♖d5 3. ♜b5+ ♖d6 4. ♜b6+ ♖c7 0-1
- 8) 1. ... c2 2. ♜b4+ ♖d5 3. ♜b8 ½-½ (3. ... c1♚? 4. ♜d8+ and ♜c8+)
- 9) 1. ... c2 2. ♜b4+ ♖d5 3. ♜b5+ ♖d6 4. ♜b6+ ♖c5 0-1 c1♚ is with check
- 10) 1. ... ♖g2 2. ♜h7 f1♚ 3. ♜g7+ ♖h3 4. ♜h7+ ½-½ perpetual check
- 11) 1. ... f2 2. ♖g5 f1♚ 3. ♜g4+ ½-½ perpetual check
- 12) 1. ... f2 2. ♜g4+ ♖e5 3. ♜g5+ ♖e6 4. ♜g6+ ♖f7 0-1

27 Endgame / Rook against pawn: C

- 1) 1. ♖f4 a3 2. ♖e3 ♖b3 3. ♖d2 ♖b2 (3. ... a2 4. ♖c1) 4. ♜b8+
- 2) 1. ♜b6! (1. ♖e6 ♖b3 2. ♖d5 a3 3. ♖d4 a2 4. ♖d3 ♖b2 5. ♜b6+ ♖c1 6. ♜a6 ♖b2) 1. ... ♖a2 2. ♖e6 a3 3. ♖d5 ♖a1 4. ♖c4 a2 5. ♖b3 ♖b1 6. ♖a3+ ♖a1 7. ♜e6 ♖b1 8. ♜e1+
- 3) 1. ♖a5 (1. ♖b5 ♖b3) 1. ... ♖a1 2. ♖a4 a2 3. ♖b3
- 4) 1. ♜h4+ ♖b3 2. ♖b5! a3 3. ♜h3+ ♖b2 4. ♖b4 a2 5. ♜h2+ ♖b1 6. ♖b3 a1♔+ 7. ♖c3
- 5) 1. ♖d2! (1. ♖d3? ♖b2 2. ♜c2+ ♖b3 3. ♜c8 ♖b2! 4. ♜b8+ ♖c1!) 1. ... ♖b2 2. ♜c2+! (2. ♜c8? a2 3. ♜b8+ ♖a1!) 2. ... ♖b3 (2. ... ♖b1 3. ♖c3! a2 4. ♜b2+! ♖a1 5. ♜h2 ♖b1 6. ♜h1#) 3. ♜c8 (3. ♖c1? a2 4. ♜b2+ ♖a3) 3. ... a2 4. ♜b8+ ♖a3 5. ♖c2! a1♔+ 6. ♖c3 ♖a2 7. ♜b7 ♖a3 8. ♜a7#
- 6) 1. ♜g8+ ♖f3 2. ♜h8 ♖g4 3. ♖b2 h4 4. ♖c2 h3 5. ♖d2 ♖g3 6. ♖e2 ♖g2 7. ♜g8+ ♖h1 8. ♖f3 h2 9. ♖g3 ♖g1 10. ♖h3+ ♖h1 11. ♜d8 ♖g1 12. ♜d1+
- 7) 1. ... ♖b3 2. ♜b1+ (2. ♖c1 a2) 2. ... ♖c3 (2. ... ♖a2 3. ♜b8 ♖a1 4. ♖c2 a2 5. ♖b3 ♖b1 6. ♖a3+) 3. ♖c1 a2 4. ♜a1 ♖b3
- 8) 1. ... ♖b5
- 9) 1. ... ♖b2 2. ♜b8+ ♖c1 3. ♜c8+ ♖b2 4. ♜c2+ ♖b3
- 10) 1. ... ♖b3 (1. ... ♖b4 2. ♖f5 (2. ♜b1+ ♖c3 3. ♜a1 ♖b4 4. ♖f5 a4 5. ♖e4 ♖b3 6. ♖d3 a3 7. ♜b1+ ♖a2 8. ♜b4 ♖a1 9. ♖c2 a2 10. ♖b3 ♖b1 11. ♜h4 a1♔+ 12. ♖c3 ♖a2 13. ♜h8 ♖b1 14. ♜h5 ♖a2 15. ♜b5) 2. ... a4 3. ♖e4 a3 4. ♖d3 a2 5. ♖c2) 2. ♜b1+ ♖a2 3. ♜b6 a4 4. ♖f5 a3 5. ♖e4 ♖a1 6. ♖d3 a2
- 11) 1. ... ♖b4 (1. ... ♖b3 2. ♖d6 a4 3. ♖c5 a3 4. ♜h3+ ♖b2 5. ♖b4 a2 6. ♜h2+ ♖b1 7. ♖b3 a1♔+ 8. ♖c3) 2. ♜b1+ ♖c3 3. ♜a1 ♖b4 4. ♖d6 a4 5. ♖d5 a3 6. ♖d4 ♖b3
- 12) 1. ... ♖c5 2. ♖f7 a5 3. ♜a8 ♖b4 4. ♖e6 a4 5. ♖d5 a3 6. ♖d4 ♖b3 7. ♖d3 ♖b2 8. ♜b8+ ♖c1

28 Strategy / Strong square: A

- 1) 1. ♔c2 ♙d8 2. ♔b4
- 2) 1. ♔h4 ♚d7 2. ♚h5
- 3) 1. ... ♔f7
- 4) 1. ... ♔h5 2. ♔c2 (2. ♜d2 ♙h6) 2. ... ♔f4

- 5) 1. g5 ♗e8 2. ♗d5 ♗f8 3. f6 ♗xf6 4. ♗xf6+
- 6) 1. ... ♗e8 2. ♖f2 ♗d6
- 7) 1. ♗a4 ♗c7 2. ♗xc6 ♗xc6 3. ♗e5
- 8) 1. ... e4 2. ♗g2 ♗e5
- 9) 1. e5 dxe5 2. ♗e4 ♗xf4 (2. ... ♗e7 3. fxe5) 3. ♗h3
- 10) 1. ♗h5 ♗g7 2. ♗e3
- 11) 1. c5 (1. ♗b5 cxb5 2. ♗xf6+ ♗xf6 3. ♗xb7 ♖ab8 4. ♗c6) 1. ... bxc5 2. dxc5 ♗xc5 3. ♗b1
- 12) 1. ♗xh6 (1. ♗e4 f5 2. gxf5 ♗xf5; 1. ♗c4 b5 2. ♗xe5 ♗f6) 1. ... gxh6 2. ♗e4 ♗g7 3. d6

29 Defending against a passed pawn: A

- 1) 1. ♗e5 g2 2. ♗xh2 gxh1 ♗ stalemate
- 2) 1. ♗f5 ♗xf5 2. ♗c4 b1 ♗ 3. ♗a3+
- 3) 1. ♗a5+ ♗xa5 2. ♖a3+
- 4) 1. ♖b3! a1 ♗ 2. ♖b8+ ♗xb8 stalemate
- 5) 1. ♖xe1 ♗c6 2. ♖e4 f1 ♗+ (2. ... ♗xe4 stalemate; 2. ... ♗g3 3. ♖g4+ ♗xf3 4. ♖g1) 3. ♗g1+ ♗g3 stalemate
- 6) 1. ♖g5 ♗xg5 2. ♗e4 g1 ♗ 3. f4+
- 7) 1. ♖e8+ ♗xg7 2. ♖xe3 g1 ♗ 3. ♖g3+ ♗xg3 stalemate
- 8) 1. ♖h6 ♗b7 2. ♖h3! a1 ♗ 3. ♖a3+ ♗xa3 4. ♗b5+
- 9) 1. ♗h1 e2 2. ♖g1 ♖f1 3. ♗c3
- 10) 1. ♗h3 ♗xe5 2. ♖f8+ ♗e1 3. ♖f1+ ♗e2 4. ♖f2+ ♗xf2 stalemate
- 11) 1. ♗b4 b1 ♗ 2. ♗a3+ ♗d2 3. ♗b4+ ♗e3 4. ♗c5+ ♗f4 5. ♗d6+
- 12) 1. b5 ♗a7 (1. ... h1 ♗ 2. ♗c6+) 2. ♗e4 ♗xb5 (2. ... h1 ♗ 3. ♗f7#) 3. ♗g3

30 Defending against a passed pawn: B

- 1) 1. ♖c3+ ♗a2 (1. ... ♗b4 2. ♗d5+ ♗a4 3. ♖h3) 2. ♗c4 b1 ♗ 3. ♖a3#
- 2) 1. ♗e5 e1 ♗ (1. ... dxe5 2. ♖f5+ ♗g4 3. ♖xe5 ♗f3 4. ♗g1) 2. ♖h8+ ♗g5 3. ♗f3+
- 3) 1. ♗f5 (1. ♖b4 h5; 1. ♗c8 ♗h7 2. ♖xb7+ ♗h8) 1. ... g1 ♗ 2. ♖g6+ ♗xg6 3. ♗e7+ ♗f7 4. ♗xg6
- 4) 1. ♗f1 gxf1 ♗ 2. ♖e8+ ♗f4 3. ♖f8+ ♗g3 4. ♖xf1
- 5) 1. ♖h1+ ♗xh1 2. g4+ ♗h2 3. ♗xa2
- 6) 1. ♖g8+ ♗b7 2. ♗a7 ♗xa7 3. ♖g1
- 7) 1. ♖g5 b1 ♗ (1. ... ♗xg5 2. ♗xe4+) 2. ♗f7#
- 8) Drawing
- 9) Drawing
- 10) 1. ♖a1 g3 2. ♗e1 f1 ♗ 3. ♗d3+
- 11) 1. ♖a5 b1 ♗ 2. ♗c1+ ♗a4 (2. ... ♗b3 3. ♖a3+) 3. ♖xa4+ ♗b3 4. ♖b4+
- 12) 1. ♗d4 a1 ♗ (1. ... ♗xd4 2. ♖g4+ ♗c5 3. ♖a4 ; 1. ... exd4 2. ♖g5+ ♗c6 3. ♖a5) 2. ♖d8+ ♗c5 3. ♗b3+

31 Defending against mate: A

- 1) 1. ♗e7 (1. ♖c8 ♗xe4) 1. ... ♗xe4 2. ♖xe4
- 2) 1. ♗b2+ ♗xb2 2. bxa7+ ♗c2 3. ♖c8+ ♗d2 4. ♖xc1 ♗xc1 5. a8 ♗
- 3) 1. ... ♗d7 (1. ... ♗e6 2. ♗e7+ ♗f8 3. ♗xd5= ♗g8 4. ♗e7+) 2. ♗d8+ ♗g7 3. ♗xd7 ♗xf2
- 4) 1. ... ♖g4 2. ♗xg4 (2. ♗xg7+ ♖xg7 ; 2. ♖xg4 ♗e1#) 2. ... ♗xh6+
- 5) 1. ♗g8+ ♗xg8 2. ♖c8+ ♗h7 3. ♖h3
- 6) 1. ... ♗e5 (1. ... ♗e7 2. ♗xe6+ ♗d8 3. ♗f7+ ♗c7 4. ♗d6#) 2. dxe5 ♗e7
- 7) 1. ♖c8 (1. ♖a8 ♗xe4) 1. ... ♗xe4 2. ♖xh3
- 8) 1. ... ♖d2+ (1. ... ♖d7 2. ♖h8+ ♗e7 3. ♖f6+ ♗f8 4. ♖h1 ♖d2+ 5. ♗f3 ♖d3+ 6. ♗e2) 2. ♗g1 ♗e7 3. ♖xf7+ ♗d8
- 9) 1. ... ♖xa2+ 2. ♗xa2 ♖a8+ 3. ♗b2 ♖fe8
- 10) 1. ... ♗xd4 2. ♖e7 ♖f5
- 11) 1. ♖f8+ (1. ♖xf2 ♖xc1+ 2. ♖f1 ♖xg2+) 1. ... ♗xf8 2. ♗xg5
- 12) 1. ♖f3 (1. ♖g1? ♖xf4+ 2. ♗h1 ♖g3 3. c4 ♗e4 4. c5 g6) 1. ... g6 (1. ... ♖e2 2. ♗g3) 2. ♖h4 ½-½

32 Defending against an attack on the king: A

- 1) 1. ... ♖e8 2. ♖g4 ♖xe1+ 3. ♖xe1 ♖f8
- 2) 1. ... ♗e3 2. ♗xe7 ♖c1+
- 3) 1. ... ♗f6 2. ♖g5 ♗e8 (2. ... ♖g8? 3. ♖xg8+ ♖xg8 4. ♖xf6+; 2. ... ♗e4? 3. ♖xh7+ ♗xh7 4. ♖g7#)
- 4) 1. ... ♖d6 (1. ... ♖fd8? 2. ♖h8+ ♗xh8 3. ♖h1+ ♗g8 4. ♖h7+ ♗f8 5. ♖h8#) 2. ♖h8+ ♗xh8 3. ♖h1+ ♖h2+
- 5) 1. ... ♗g6 (1. ... ♗xh7 2. ♖xe7)

- 6) 1. ... ♗f5 2. g4 (2. ♗g5 ♗h6) 2. ... ♕c6! Exchanges an attacker and gives advantage. Sufficient to repel the attack is 2. ... ♖h4 3. ♖xh4 ♗xh4.
- 7) 1. ... fxc6 (1. ... ♖xd5 2. ♗xe7+ ♗f8 3. ♗xd5) 2. ♖xc6+ ♖g7
- 8) 1. ... ♗xf6 2. exf6 ♖f4+ 3. ♗b1 ♖xf6
- 9) 1. ... ♗g8 (1. ... h6 2. ♕xh6) 2. ♕xf6 ♕xf6 3. ♖xh7+ ♗f8
- 10) 1. ... ♕h4 (1. ... g5 2. ♖h8+ ♕xh8 3. ♖xh8#) 2. ♖xh4 f6
- 11) 1. ... ♕g5 (1. ... g5? 2. ♖f3) 2. ♖xg5 ♖xf1+ 3. ♗h2 ♖f5
- 12) 1. ... ♗f3 ♕xc2+? 2. ♗xc2) 2. gxf3 ♕xf3+ 3. ♖xf3 ♖e1+

33 Defending against a threats: A

- 1) 1. ... ♕d5 (1. ... ♖f5 2. ♖xc7+ ♖xc7 3. ♖d8+)
- 2) 1. ... ♖d7 2. ♖xf7+ ♖dxf7
- 3) 1. ♖c8+ (1. ♕xc5 ♖g8) 1. ... ♗xc8 2. ♕g4 gxf4+ 3. ♗f3 ♖xc4+ 4. ♗xc4
- 4) 1. ... ♖c5+ 2. ♗f1 ♖xe8 3. ♖xe8+ ♗f8
- 5) 1. ... ♖c8 2. ♗f6 ♖c1+ 3. ♗f2 (3. ♗h2 ♗f1+ 4. ♗g1 ♗d2+) 3. ... ♗e4+
- 6) 1. ♖f2 (1. c7? ♖h1+ 2. ♕xh1 ♗f1#; 1. ♕f3? ♗f1+ 2. ♗h1 ♖b1)
- 7) 1. ... ♕d1! (1. ... ♖d7 2. ♖h5+) 2. ♖e3 ♖d7=
- 8) 1. ♖f8 (1. g4 ♖g2+ 2. ♗f1 ♖f6+) 1. ... ♖g2+ 2. ♗f1 ♖g6 3. g4
- 9) 1. ♖e8+ ♗h7 2. ♖h8+ ♗xh8 3. ♗xf7+ ♗g8 4. ♗xc5
- 10) 1. ... ♖e5 2. ♖xf7 ♕d5
- 11) 1. ... ♗f8 (1. ... g6 2. ♖a6 ♕d7 3. ♖xd7 ♖xe4 4. ♖b5) 2. ♖d8+ ♖xd8 3. ♕xc6
- 12) 1. ♕c5 (1. ♗g1 ♖d1+ 2. ♗f2 ♖d2+; 1. ♖xb7 ♖d1+; 1. ♖bb4 ♖d1+ 2. ♖g1 ♖f3+; 1. ♖b1 ♖xe4 2. ♖xb7 ♖e1+)

34 Rook endings / Passed pawn: A

- 1) 1. ♖g1 ♖b2+ 2. ♖g2 ♖b1 3. ♖c2
- 2) 1. h8♖+ ♗xh8 (1. ... ♖xh8 2. ♖g1+ ♗h6 3. ♖h1+ ♗g7 4. ♖xh8 ♗xh8 5. a8♖+) 2. ♗f7 ♖xa7+ 3. ♖xa7 b2 4. ♖b7 (4. ♖a5? b1♖ 5. ♖h5+ ♖h7+) 4. ... c3 5. ♗g6
- 3) 1. ♖h2 ♖xa7 (1. ... h5 2. ♖a2 ♖xa7 3. ♖xa7+ ♗f6 4. ♗c2) 2. ♖xh7+
- 4) 1. f8♖+ ♖xf8 2. ♖d1 ♖c8 3. ♖d7+
- 5) Drawing
- 6) 1. d6+ ♗e6 2. d7+ ♗e7 3. d8♖+ ♗xd8 4. ♖a8+
- 7) 1. ♖g6+ ♗d7 2. ♖g8 ♖xh7 3. ♖g7+ ♖xc7 4. hxc7
- 8) 1. ♖d4+ ♗c5 (1. ... ♗c3 2. ♖d3+ ♗c4 3. ♖f3) 2. ♖d5+
- 9) 1. ♖h1 ♗d7 2. ♖h8 ♖xa7 3. ♖h7+
- 10) 1. ♖f5! ♖xf5+ (1. ... ♗xe7 2. ♖xf6 ♗xf6 3. ♗f4) 2. ♗g4 ♗xe7 3. ♗xf5
- 11) 1. ♖b6 (1. ♖g4+ ♗b5 2. ♖xh4 ♖xa6 3. ♗xd7=) 1. ... ♗a5 2. ♖b2
- 12) 1. ♖a6 (1. ♗g1 ♖a1+ 2. ♖f1 ♖a8) 1. ... ♖b3 2. ♖a3 ♖xa3 3. h8♖

35 Rook endings / Vulnerability: A

- 1) 1. b4 ♖d6 2. ♗c7
- 2) 1. ♗g7 ♖xc7 2. ♗f6
- 3) 1. ♖f6 h4 2. f3+ ♗h5 3. g4#
- 4) 1. ... ♗f3 2. ♖f7+ ♗g2
- 5) 1. ♗g6 ♖e5 2. ♖xd6 ♖e8 3. ♗f7
- 6) 1. ♖c1 g5 2. f5 g3+ 3. ♗xc3 g4 4. ♗f4
- 7) 1. ... ♖e5 2. g7 ♖a5+ 3. bxa5 b5#
- 8) 1. ♗f6 h6 2. ♗g6 ♖g5+ 3. ♗xh6 ♖g8 4. ♖h7#
- 9) 1. ♖h8+ ♗g4 2. ♖g8+ ♗h5 3. g4+ ♖xc4 4. ♖h8#
- 10) 1. ... ♖b3 2. d5 c5 3. ♖h6 b5#
- 11) 1. ♖d1 g5 2. f5 g4 3. ♗f4 g3 4. ♖h1#
- 12) 1. ♖g8 [1. ♖h8+ ♗g4 2. ♖xh4+ ♗xh4 3. ♗xe6 ♗g3 4. ♗e5 f3 5. gxf3 ♗xf3 6. ♗d5 ♗f4 7. ♗c5 ♗e5 8. ♗b5 ♗d6 9. ♗xa5 ♗c7) 1. ... e5 (1. ... f3 2. g4+ ♖xc4 3. ♖h8#; 1. ... ♖h2 2. ♖h8+ ♗g4 3. ♖xh2 ♗g3 4. ♖h5 ♗xc2 5. ♖xa5) 2. ♗f5 ♗h6 3. ♖h8+

36 Rook endings / Technique: A

- 1) 1. ♖d6+ ♗c7 2. ♖d4
- 2) 1. ♖h5+ (1. ♖h3 ♖b5 (1. ... ♗a6) 2. ♖h5 ♖xh5 3. b8♖) 1. ... ♗a6 2. b8♖

- 3) 1. ... ♖b6 (1. ... a2 2. ♜g8+ ♕d7 3. ♜a8) 2. ♜g8+ ♕d7 3. ♜a8 ♖a6
- 4) 1. ... a5 2. bxa5 bxa5
- 5) 1. f5+ ♕xf5 2. ♜xh5+ ♕g6 3. ♜a5 ♜e8 4. a7 ♜a8
- 6) 1. ♜xh7+ ♜xh7 2. h6
- 7) 1. g5 (1. ♕g6 ♜g5+ 2. ♕xh6 (2. ♕f7 a3 3. ♜xg5 hxg5 4. ♕e7 a2 5. f7 a1 ♖ 6. f8 ♖+ ♕h7) 2. ... ♜xg7 3. fxg7+ ♕g8) 1. ... hxg5 (1. ... ♜xg5 2. ♜xg5 hxg5 3. ♕e7) 2. ♕g6 ♜e6 3. ♜a7
- 8) 1. c6 (1. ♜c2 ♕e5 2. c6 ♜d4+) 1. ... ♕e6 2. ♜c2 ♜a3+ 3. ♕e4
- 9) 1. ... g5 (1. ... ♜xf3+ 2. gxf3 ♕g6 3. ♕h4 ♕h7) 2. fxg5 hxg5 3. ♕g3 g4
- 10) 1. ♜e6+ ♕f5 (1. ... ♕f3 2. ♜e5 ♜d2+ 3. ♕h3 ♜d1 4. ♜f5+ ♕e4 5. ♜xh5) 2. ♜h6 ♕g4 3. ♜g6+ ♕f3 4. ♜g5
- 11) 1. ... ♜b1+ 2. ♕g2 ♜b2 3. ♜f2 e3
- 12) 1. ... ♕e4 with a simple technical win. Wrong is 1. ... b2 2. ♜xb2 ♜h2+ 3. ♕f3 ♜xb2=.

37 Rook endings / Vulnerability: A

- 1) 1. ♜b1 (1. ♕c4 ♕a3) 1. ... ♕a5 2. ♕c4 ♜a7 (2. ... ♜b6 3. ♜a1#) 3. ♕c5 ♕a6 4. ♕xc6
- 2) 1. ♜a7! ♕c8 (1. ... d3 2. h7 d2 3. ♜a8+ ♕e7 4. ♜xf8 d1 ♖ 5. h8 ♖) 2. h7 ♜h8 3. ♜g7
- 3) 1. f4 ♕g6 2. c4
- 4) 1. ♕g7! f2 2. ♜a1 ♜f8 3. ♜a8+ ♕e7 4. ♜xf8
- 5) 1. ♜h7 (1. ♕d6 ♕f8) 1. ... c4 2. ♕d6
- 6) 1. ... ♜b1+ 2. ♕g2 ♕f5 3. f3 gxf3+ 4. ♕xf3 ♜b3+
- 7) 1. ♜h7+ ♕g8 2. g7 ♕xh7 3. gxf8 ♜ ♕h6 4. ♜h8#
- 8) 1. ♜b7+ ♕h8 2. ♜b8+ ♕xh7 3. ♕d6
- 9) 1. ♜a1 ♜xb7 2. ♜a8+ ♕h7 3. ♕c6
- 10) 1. ... ♜h6+ (1. ... ♕f8? 2. ♜a8+ ♕e7 3. ♜a5 ; 1. ... g2? 2. ♜a8#) 2. ♕f5 ♜f6+ 3. ♕g5 g2 4. ♜g3 ♕f7
- 11) 1. ♜e2 (1. ♜d1 ♕b5 2. ♜d5+ ♕c6) 1. ... ♕b5 (1. ... ♜b5 2. ♜a2#) 2. ♜e5+ ♕c6 3. ♜e6+
- 12) 1. ♜d2! (1. ♜a2 c3) 1. ... c3 2. ♜a2! ♕g6 3. ♜a6+ ♕f7 4. ♜a7+ ♕f6 5. ♜xg7

38 Rook endings / Passed pawn: B

- 1) 1. h7 ♜f8 2. ♜g4+ ♕h6 3. ♜g8
- 2) 1. ♜f7 ♕c6 (1. ... ♕c8 2. e7 ♕d7 3. e8 ♖+ ; 1. ... ♕b8 2. e7 ♜c8 3. ♜f8) 2. e7 ♜c8 3. ♜f8 ♕d7 4. ♜xc8
- 3) 1. ♜d2+ ♕e7 2. f6+ ♕e8 3. f7+ ♕e7 4. ♜xd8 ♕xd8 5. f8 ♖+
- 4) 1. ♜b7 ♕c8 2. ♜e7 ♕d8 3. ♜a7
- 5) 1. ♜e7 ♜xe7 2. f6+ ♕xf6 3. h8 ♖+
- 6) 1. ♕a1 ♕a4 2. ♕b2 ♜h5 3. a7 ♜a5 4. ♜b3 (4. ♜b7)
- 7) 1. a7 ♜xh6+ (1. ... ♜d8 2. h7 ♕f7 3. ♜g8) 2. ♜h4 ♜xh4+ (2. ... ♜a6 3. ♜h8+ ♕e7 4. a8 ♖) 3. ♕g3
- 8) 1. ♜c3+ ♕a4 2. ♜c1 ♜xb7 3. ♜a1+ ♕b5 4. ♜b1+
- 9) 1. ♜e8 (1. ... ♕g6 2. ♜xe6+ ♕h7 3. ♜c6 ♜a3 4. ♕e2)
- 10) 1. ♜h1+ ♕g2 2. ♜c1 ♜a8 3. ♜xc2+
- 11) 1. ♜a4 ♜xa4+ 2. ♕b5 ♜a7 3. c6
- 12) 1. h7+ ♕h8 2. g7+ ♕xh7 3. ♜f8

39 Rook endings / Liquidation: A

- 1) 1. ♜g7+ ♜xg7 2. fxg7 ♕xg7 3. ♕e3 ♕f6 4. ♕f4
- 2) 1. ... ♜b6+ 2. ♕d7 ♜b7 3. ♜xb7+ ♕xb7 4. ♕d6 ♕b6 5. ♕d5 ♕b5
- 3) 1. ♕g4+ ♕g6 2. ♜f6+ ♕xf6 3. ♕xh5 ♕e7 4. h7
- 4) 1. ... ♜g5+ 2. ♕xg5 (2. ♕f4 ♜g4+ 3. ♕xg4 ♕xe4 4. g7 e1 ♖ 5. g8 ♖ ♖g1+) 2. ... ♕xe4 3. g7 e1 ♖ 4. g8 ♖ ♖g1+
- 5) 1. ♜a8 ♜xh7 2. ♜a6+ ♕f7 3. ♜a7+ ♕g8 4. ♜xh7 ♕xh7 5. ♕f5
- 6) 1. ♕g6! ♜xf7 2. ♕xf7 e2 3. g6 e1 ♖ 4. g7+ ♕h7 5. g8 ♖+ ♕h6 6. ♖g6#
- 7) 1. ♜d8 ♜xa7 2. ♜d7+ ♜xd7 3. ♕xd7
- 8) 1. ♕f6 ♜g8 2. ♕f7 ♜d8 3. ♜e8 ♜xe8 4. ♕xe8
- 9) 1. ♕f1 ♜a3 2. ♜e3+ ♜xe3 3. fxe3
- 10) 1. ♜a4 (1. ♜xa3 ♜c2 2. ♜a4+ ♕h5) 1. ... ♜xa4+ 2. ♕b5
- 11) 1. ♜c8+! ♜xc8 2. ♕d5! (2. bxc8 ♖+ ♕xc8 3. ♕d5 ♕b7) 2. ... ♜b8 3. ♕c6
- 12) 1. ♕f3+ (1. ♜d5 ♕g3) 1. ... ♕h3 (1. ... ♕g1 2. ♕g3 ♕f1 3. ♜h2 c4 4. g5) 2. ♜d5 ♜xh7 3. ♜h5+ ♜xh5 4. gxh5

40 Attacking the king: A

- 1) 1. ♖g5 hxg5 2. ♙h3
- 2) 1. ♗xb7+ ♙xb7 2. ♜c8+ ♜b8 3. ♚f3+
- 3) 1. ... ♖g3+ 2. hxg3 ♜f6 3. ♜xf2 exf2
- 4) 1. ♚h6 ♚e8 (1. ... gxh6 2. ♖g6#; 1. ... ♗f6 2. ♚xh5) 2. ♗c2
- 5) Drawing
- 6) Drawing
- 7) 1. ♚xh6+ ♗h7 2. e6 ♗xf2+ 3. ♖h1
- 8) 1. ♖xh7 ♖xh7 2. ♚h5+ ♖g8 3. ♖g5
- 9) 1. ♗f6 gxf6 2. ♚g4+
- 10) 1. ... ♖xg2 (1. ... ♚g4 2. g3 ♚f3 3. gxf4 ♜d6 4. ♜e5) 2. ♖xg2 ♚g4+ 3. ♖h1 ♚f3+ 4. ♖g1 ♜d6
- 11) 1. ♜xh7 ♖xh7 2. ♜h1+ ♖h5 3. ♜xh5+ gxh5 4. ♚g7#
- 12) 1. ♚xh6+ gxh6 2. ♖e5+

41 Attacking the king: B

- 1) 1. ... ♖xd4 2. ♗xd4 ♗xf3
- 2) 1. ... ♗d4+ 2. ♖h1 ♖xh2
- 3) 1. ... ♖f4 2. gxf4 ♜f6
- 4) 1. ♖g5 ♗xg5+ 2. ♚xg5+ ♖h8 3. ♚f6+ ♖g8 4. ♜d3
- 5) 1. ... ♖xf2+ 2. ♖g1 ♚g2+ 3. ♜xg2 ♖h3+ 4. ♖h1 fxg2#
- 6) 1. ♗h6 ♗f6 2. ♗xg7 ♗xg7 3. f6
- 7) 1. ♖f6+ gxf6 (1. ... ♖h8 2. ♚h5#) 2. ♚g4+ ♖h8 3. ♖g2
- 8) 1. ♜h5+ ♖xh5 2. ♚h6+ ♖g8 3. ♜g1+
- 9) 1. ♖d5 exd5 (1. ... ♗xd5 2. ♚xh5) 2. ♚xh5 gxh5 3. ♜g3#
- 10) 1. ♜f3 ♚e6 2. ♜g3
- 11) 1. ♜e4 (1. ♜xf5 exf5 2. ♚xf5+ ♖g7=) 1. ... fxe4 2. ♜f6
- 12) 1. ♗c5 g5 2. ♚xh7+ ♖xh7 3. ♜h3+ ♖g6 4. ♜xg5#

42 Attacking the king: C

- 1) 1. ♖xd5
- 2) 1. ♖f5 gxf5 2. ♗xf5
- 3) 1. ... ♜xf3 2. gxf3 ♚g5+ 3. ♖h1 ♚f4
- 4) 1. ♗h7+ (1. ♚h3 ♚h6) 1. ... ♖h8 2. ♗g6+ ♖g8 3. ♜h8+ ♖xh8 4. ♚h5+ ♖g8 5. ♚h7#
- 5) 1. ♖g5 fxg5 2. f6
- 6) 1. ♜xg7 ♗xg7 2. f6
- 7) 1. ♜xg7+ ♖xg7 2. ♚g4+ ♖h8 3. ♚f5
- 8) 1. ♜h7+ ♖xh7 2. ♚h5+ ♖g7 3. ♚xg6+ ♖h8 4. ♚h7#
- 9) 1. ♖f6+ gxf6 (1. ... ♖h8 2. ♖xh7) 2. ♚g4+ ♖h8 3. ♚h4
- 10) 1. ♚h3 g6 (1. ... h6 2. ♚f5) 2. ♗xg6
- 11) 1. ♚b3+ ♖a8 2. ♚c4 ♖b7 3. ♚b4+ ♖a8 4. ♚c5
- 12) 1. ♜xg7+ ♖xg7 2. ♚f7+ ♖h8 3. ♗g6

43 Attacking the king: D

- 1) 1. ♚f6
- 2) 1. ♗f5 gxf5 2. ♜xf5
- 3) 1. ♜e5 dxe5 2. ♚g5 g6 3. ♚h6
- 4) 1. ♖e4 ♚xe4 (1. ... ♖xe4 2. ♗xe7 ♜xe7) 2. ♚xf6+ ♖g8 3. ♗h6
- 5) 1. e5 ♗xe5 2. ♜xe5 ♜xe5 3. ♚h6
- 6) 1. ♖f5 gxf5 2. ♚g5
- 7) 1. ♜e4 g5 2. ♚xg5+
- 8) 1. ♖f5 ♚c5 (1. ... gxf5 2. ♚g5) 2. ♗xg7 gxf5 3. ♚g5
- 9) 1. ♜g8+ ♖a7 2. ♜a8+ ♖xa8 3. ♚xa6+ ♖b8 4. ♚xb7#
- 10) 1. ♚f6 ♚c3 2. ♜c7
- 11) 1. ♚d8 (1. ♚e1 ♗f5 2. exf5 ♖h8 3. ♚h4 ♚e7 4. ♜d7 ♜ad8)
- 12) 1. ... ♜xg2+ 2. ♖xg2 ♗h3+ 3. ♖g1 ♚g4+ 4. ♖g3 ♚f3

44 Attacking the king: E

- 1) 1. ♚xf5 gxf5 2. ♜eh4 and 3. ♜xh6+ ♖g8 4. ♜h8#

- 2) 1. ... ♖d8
- 3) 1. ♜h4!
- 4) 1. ♜h5 gxh5 2. ♜f6+
- 5) 1. ♜h5 ♕f6 2. ♜g5 ♜e8 3. ♖xh7+ ♜f8 4. ♖xf7#
- 6) 1. ♜xf6 ♕xf6 2. ♖h4
- 7) 1. ♖h4 h5 2. ♖g5
- 8) 1. ♜f3 ♜d5 2. ♜g5 ♜f6 3. exf6
- 9) 1. ♜xf6 gxf6 2. ♜h5 (2. ♖h6 f5 3. exf5)
- 10) 1. ♖g3 f6 2. ♜xe6
- 11) 1. ♜e5 ♜xe5 2. ♖xe5
- 12) 1. ♜f5 (1. ♜xf6? ♖xc2 2. ♜xh7 ♜g3+ 3. ♜g1 ♖g6) 1. ... ♖xc2 (1. ... exf5 2. ♜xf6; 1. ... ♜d7 2. ♜g5 ♜f8 3. ♖xf6+ ♜g8 4. ♜xf7; 1. ... ♜g8 2. ♜xf6 ♜g7 3. ♜g5) 2. ♖xf6+ ♜g8 3. ♜g5+ ♜f8 4. ♖xd8#

45 Attacking the king: F

- 1) 1. ♜f3 ♖f8 2. ♜g5
- 2) 1. ♜xe7+ ♖xe7 2. ♜d5
- 3) 1. ♖e3
- 4) 1. ♕f5
- 5) 1. ... ♕d3 2. ♖xd3 ♜g4 3. ♜fe1 ♖xh2+ 4. ♜f1 ♖xf2#
- 6) 1. ♜f5 dxc3 2. ♖xh6+ ♜xh6 3. ♜h5#
- 7) 1. ... ♜e3 2. fxe3 ♜h3
- 8) 1. ♜eg5 hxg5 2. ♜xg5
- 9) 1. ♜f5 ♜g8 2. ♜xf6
- 10) 1. ♕c5
- 11) 1. ♜a2
- 12) 1. ... c5 2. ♖d5 ♖h2+ 3. ♜f1 ♖h1+ 4. ♜e2 ♖xg2+ 5. ♜d3 ♜e5+

46 Strategy / Open file: A

- 1) 1. ♖xb6 axb6 2. ♜c1 ♜b8 3. ♜c7
- 2) 1. ♕b5 ♜ed8 2. ♕d7
- 3) 1. ♜d1 ♖c6 2. ♖d3 c4 3. ♖d7
- 4) 1. a4 ♜d8 2. a5 ♕c7 3. ♜b7
- 5) 1. ♜xf8+ ♜xf8 2. ♜f1+ (2. ♜d1)
- 6) 1. ♜c5 ♜f8 2. ♜ac1 ♜d8 3. ♜c7
- 7) Drawing
- 8) Drawing
- 9) Drawing
- 10) Drawing
- 11) Drawing
- 12) Drawing

47 Draws / Stalemate: A

- 1) 1. ♕h1 ♕d4+ 2. ♜g2 ♕xa7=
- 2) 1. ♜a6+! (1. ♕d5? b6+!) 1. ... bxa6 2. ♕b3! ♕xb3=
- 3) 1. e8♖ ♕xe8 2. c4+ ♖xd3=
- 4) 1. h3+ ♜h4 2. ♕e7+ ♜xe7= (2. ... ♜xh3 3. ♕c5 ♜a5 4. ♜xh5 ♜xc5+ 5. ♜g6)
- 5) 1. ♜f7 ♖a7 2. ♜g8 ♖xe7=
- 6) 1. ♜d7+ ♕xd7 2. e7+ ♜xe7=
- 7) 1. ♜h1 ♖h3+ 2. ♜h2 ♕xd4=
- 8) 1. ♜h5 ♜b8 2. ♜h8 c3 3. ♜xc8+ ♜xc8=
- 9) 1. ♜b1 ♜f7 (1. ... g4 2. ♜a1 g3 3. ♖h7) 2. ♜a1 ♜f8 3. ♖h7 ♕xh7=
- 10) 1. ♖b6+ ♜e6 2. ♖xe3+ ♜xe3=
- 11) 1. g6+ ♜xg6 2. ♕c2 ♜f6 (2. ... ♜g7 3. ♜g5) 3. h4 ♜g7 4. ♕xg6 ♜xg6=
- 12) 1. ♕g7! (1. ♜e7+? ♜xe7+; 1. ♕xh8? ♜xh8) 1. ... ♜xg7 (1. ... ♕xg7 2. ♜e7+ ♜h8 3. ♜g6+; 1. ... ♜xg7? 2. ♜f6#; 1. ... f4 2. ♜f6+ ♜xg7 3. ♜e7=) 2. f4 ♜g8 3. ♜f6+ ♕xf6= (3. ... ♜g7 4. ♜e7= (4. ♜d5! ♜g8 5. ♜f6+)

48 Draws / Stalemate: B

- 1) 1. ... ♗c6+ 2. ♜xc6 ♚g1+ 3. ♜xg1=
- 2) 1. ♙d5 ♚f5 (1. ... ♚a1+ 2. ♜b5) 2. ♜a6 (2. ♜b5 ♜b7) 2. ... ♚xd5= (2. ... ♚f6 3. ♙xc6+)
- 3) 1. h4 a2 2. ♜g8+ ♜xg8=
- 4) 1. ♙g2! ♜e4 (1. ... hxg2=) 2. ♙xe4 ♚b2 3. ♙xb7+ ♚xb7=
- 5) 1. ♙d1 ♚f4 (1. ... ♚g3 2. ♙g4 ♚xg4 3. ♜xg4; 1. ... ♚f1+ 2. ♜g2 ♚xh2+ 3. ♜xf1) 2. ♙g4+ ♚xg4=
- 6) 1. f7 ♚e8+ 2. fxe8♜
- 7) 1. ♚c3 a3+ 2. ♜xa3 ♜xc3=
- 8) 1. ♙e5 ♚xa2 2. ♙b2 ♚xb2=
- 9) 1. ♜f1 ♚xe5 2. ♜f2+ ♜h2 3. ♜g4+ ♜xg4=
- 10) 1. e8♜ ♚a3+ 2. ♜a4 ♚xa4+ 3. ♜b5 ♚xa7=
- 11) 1. ♚c8+ ♜g7 2. ♚c7 ♜xc7 3. ♜e8+ ♙xe8=
- 12) 1. ♜e8 (1. ♜d8 e5) 1. ... e5 2. ♜f7+ ♚xf7=

49 Draws / Insufficient material: A

- 1) 1. ♜g1 ♚h4 2. g4+ ♜xg4 3. ♜f3 ♚h3 4. ♜g2
- 2) 1. ♜d4+ ♜d5 2. ♜f3
- 3) 1. ♜c7 ♚f8 2. ♙c8 ♜c6 3. ♙b7
- 4) 1. ♜d4+ ♜d3 2. ♜f5 ♚e8 3. ♜d6 ♚e7 4. ♜f5
- 5) 1. ♚h1 (1. ♚a1? ♜c1; 1. ♚e1? ♜g1; 1. ♚f1? ♜g3+) 1. ... ♜g3+ 2. ♜g4 ♜xh1 3. ♜xh3
- 6) 1. ♜d5 ♚xd5+ 2. ♜e6 ♚d1+ (2. ... ♚f5+ 3. ♜d6 ♚f8 4. ♜e7) 3. ♜e7+
- 7) 1. ♚b1 ♙xb1 2. ♜xc3
- 8) 1. ♜g5 ♚f5 (1. ... ♚f1 2. ♜e4+ ♜xc4 3. ♜d2+) 2. ♜e4+ ♜xc4 3. ♜d6+
- 9) 1. ♚g7+ ♜f8 2. ♜h7! (2. ♜f6? ♜f3! 3. ♚h7 ♜g8 4. ♚g7+ ♜h8!; 2. ♚f7+? ♜e8 3. ♚f1 ♜d7!) 2. ... ♜d8 3. ♚xg1
- 10) 1. ♙h5 (1. ♜xb1? ♚xe2+ 2. ♜g3 ♚xc2 3. ♜f3 ♚b2 4. ♜c3 ♚b3) 1. ... ♜xh5 2. ♜xb1 ♜g4 3. ♜g2 ♚e2+ 4. ♜f1 ♜f3 5. ♜c3 ♚xc2 6. ♜d1=
- 11) Drawing
- 12) Drawing

50 Draws / Perpetual check: A

- 1) 1. ♙h3+ ♜xf4 2. ♙d2+ ♜e5 3. ♙c3+ ♜d6 4. ♙b4+ ♜c7 5. ♙a5+
- 2) 1. ♜h8+ ♜d5 (1. ... ♜e4 2. ♜h1+ ♜d4 3. ♜a1+ ♜d5 4. ♜a8+ ♜e5 (4. ... ♜d6? 5. ♜b8+) 5. ♜h8+=) 2. ♜a8+ ♜d4 3. ♜a1+ ♜e4 4. ♜h1+ ♜e5 5. ♜h8+=
- 3) 1. ♜d4 ♜f1 2. ♜c2+ ♜a2 3. ♚a4+ ♜b3 4. ♚b4+
- 4) 1. ... ♚g1+ (1. ... ♜g1+ 2. ♜h3 ♜h1+ 3. ♜g4) 2. ♜h3 (2. ♜h2 ♜f2+ 3. ♜h3 ♚xg3#) 2. ... ♚xg3+ 3. ♜xg3 ♜g1+=
- 5) 1. ♜xe5 e1♜ 2. ♚f8+ ♚xf8 3. ♜g6+ ♜h7 4. ♜xf8+
- 6) 1. ♜f8 b1♜ 2. ♜f7+ ♜h7 3. ♜xg5+ ♜h6 4. ♜f7+
- 7) 1. ♚xh6+ ♜xh6 2. g8♜+ ♜h5 3. ♜f6+ ♜h6 4. ♜g8+
- 8) 1. ♜c8+ (1. ♜e8+? ♜g7 2. ♜e7+ ♜h6) 1. ... ♜h7 2. ♜c7+ ♜g8 (2. ... ♜h6 3. ♜f4+ ♜xf4 4. gxf4) 3. ♜c8+
- 9) 1. ... d4 2. exd4 ♜g5+ 3. ♜h2
- 10) 1. ♚xf7+ ♜g6 2. ♚f6+ ♜h5 3. ♚f5+ ♜g4 4. ♚f3+ ♜h5 5. ♚f5+
- 11) 1. ... h4+ 2. ♜xh4 ♜f2+ 3. ♜g4 ♜g2+ (3. ... ♜e2+? 4. ♜g3 ♜e3+ 5. ♜g2 ♜e2+ 6. ♜g1 ♜e3+ 7. ♜f1 ♜f3+ 8. ♜e1 ♜e3+ 9. ♜d1) 4. ♜h5 ♜h2+ 5. ♜g4
- 12) 1. ♜c4! b1♜ 2. ♜d6+ ♜a7 3. ♚c7+ ♜a6 4. ♚xc6+ ♜a5 5. ♜c4+

51 Eliminating the last pawn: A

- 1) 1. c3! (1. c4 ♜b6 2. c5+ ♜b5) 1. ... ♜b6 2. c4 ♜b7 3. c5 ♜b8 4. c6
- 2) 1. ♜e4 (1. g6 f6 2. ♜e6 ♙h8) 1. ... ♜b4 2. ♜d5 ♜b5 3. ♜d6
- 3) 1. ♜d4 ♙c8 2. g4! ♙xg4 3. ♜e5 ♙c8 4. g4! ♙xg4 5. ♜f6
- 4) 1. ... f1♜ (1. ... ♜d7 2. ♜d5) 2. ♙xf1 ♜e6 3. ♙d3 ♜e5
- 5) 1. ... c4 2. ♜g5 ♜e3 3. ♙f7 ♜d3 (3. ... ♜d4)
- 6) 1. ... ♜d6 2. ♙b3 ♜c6 (2. ... ♜e5 3. ♙c4 ♜d4 4. ♙xa6) 3. ♙c4 ♜b6 4. ♜f6 a5 5. b5 a4
- 7) 1. ... ♜e5 2. ♙e3 ♜e4 3. ♙c1 g5 4. ♙xg5 ♜f3
- 8) 1. c3 ♙a5 2. ♜c4 ♙b6 3. ♜b5 ♙a7 4. ♜c6 ♜e7 5. ♜b7
- 9) 1. ♜d6! (1. ♜c6? ♜c4) 1. ... ♙b5 2. ♜c5! ♙e8 3. ♜d4 g3 4. ♜e3 g2 5. ♜f2
- 10) 1. ♜c5 (1. ♜d5? ♜f7!) 1. ... ♜f7 2. ♜b6! ♙g3 3. a7! (3. ♜b7? ♙f2) 3. ... ♙f2+ 4. ♜c7!

- 11) 1. ♖d6 c4 2. ♖c5 ♙b3 3. ♖b4 ♙a2 4. ♖a3 ♙b3 5. ♖b4 ♙a2 6. ♖a3 ♙b1 7. ♖b4
 12) 1. ♖c4!! (1. ♖b4 ♙c2 2. ♖c3 ♖c7) 1. ... ♙a2 (1. ... ♙c2 2. f6) 2. ♖c3! ♖c8 3. ♖b2

52 Double attack / Mix: A

- 1) 1. ♖f4 ♗e6 2. ♖f6 ♗xf6 3. ♜d5+
 2) 1. ♙xe4 (1. ♗c8+? ♜g8 2. ♙xe4 ♗h4) 1. ... ♜xe4 2. ♗c8+ ♖h7 3. ♗f5+
 3) 1. ♗xh7+ ♜xh7 2. ♜g6+ ♖g8 3. ♜xe7+ ♖h8 4. ♜xd5
 4) 1. ♜d4 ♗xd8 (1. ... ♖f6 2. ♗xf6+ ♜xf6 3. ♜e6+ ; 1. ... ♖f7 2. ♜e6+; 1. ... ♖e5 2. ♖d7+) 2. ♜xf5+ gxf5
 3. ♖xd8
 5) 1. ... ♗h5+ 2. ♖f4 ♗f5+ 3. ♖e3 ♗g5+ 4. ♖d3 ♗xe7
 6) 1. ♖d8+ ♙xd8 2. ♙b7+ ♖xb7 (2. ... ♖d7 3. c8♗+ ♖e7 4. ♗c5+ ♖e8 5. ♙c6+) 3. cxd8♜+ ♖xb6 4. ♜xf7
 7) 1. ♗h6+ ♖e4 2. ♙b1+ ♖d4 (2. ... ♗d3+ 3. ♙xd3+) 3. ♗b6+
 8) 1. ... ♖e2+ 2. ♖d3 ♜f4+ 3. ♖c3 ♖e3+
 9) 1. ♗f3 (1. ♖d8? ♗b2+; 1. ♗xf8+ ♙xf8+) 1. ... ♖g8 2. ♗xb7
 10) 1. ... ♗d2 2. ♗g3 ♗e3+ 3. ♖h1 ♗xa7
 11) 1. ♗h8+ ♖f7 2. ♗e8+ ♖xe8 3. ♜xf6+ ♖e7 4. ♜xd5+
 12) 1. ♖xa2 ♙xa2 2. ♗a4 ♖bb8 3. ♗xa2+

53 Double attack / Mix: B

- 1) 1. ♖c6+ ♖xc6 2. ♗xe6+ ♖b7 3. ♗xd5+ ♖c8 4. ♗xd4
 2) 1. ... ♜xe3 2. fxe3 ♗h4+
 3) 1. ♗h7 ♗xh7 (1. ... ♖c8 2. ♗g8+ ♖c7 3. ♗xa8) 2. ♖xa8+ ♖d7 3. ♖a7+ ♖c6 4. ♖xh7
 4) 1. ♗h7+ ♖f8 2. ♗h1 ♖g7 3. ♗xa8
 5) Drawing
 6) 1. ♖c8+ ♙f8 2. ♖xf8+ ♖xf8 3. ♗a3+
 7) 1. ... ♙f2+ (1. ... ♗g5 2. ♖h1 ♖e2 3. ♗xe2 ♜xe2 4. ♜xe2) 2. ♗xf2 ♜h3+
 8) 1. ♜e8 ♖g6 2. ♗d8+ ♙xd8 3. ♖xd8#
 9) 1. ... g5 (1. ... ♗d4 2. ♗d8#) 2. ♗g4 ♗d4
 10) 1. ♙xg4+ ♜xg4 2. ♖xd8+ ♖xd8 3. ♗d1+
 11) 1. ... ♜e2+ 2. ♖f1 ♗xe3
 12) 1. ♖b8+ ♖c7 2. ♖c8+ ♖xc8 3. ♖xc6+ ♖b7 4. ♖xf6

54 Double attack / Mix: C

- 1) 1. ♜c5+ ♖e7 2. ♖e3+
 2) 1. ♖h7! ♗g2 (1. ... ♗xh7 2. ♖a8+ ♖c7 3. ♖a7+) 2. ♖a8+ ♗xa8 3. ♖h8+
 3) 1. ♜g4 ♖c2 2. ♜f6
 4) 1. ♜d4 ♖e1 2. ♜b5+ ♖b8 3. ♖e8#
 5) 1. ♙f7+! (1. ♖a8? ♙b4!) 1. ... ♙xf7 2. ♖a8+ ♙e8 3. ♖xe8+ ♖f7 4. ♖xe1
 6) 1. ♙b7 ♙xb7 2. ♖d7+ ♖g8 3. ♖xd8+ ♖f7 4. ♖d7+ ♖e6 5. ♖xb7
 7) 1. ♖f5 ♜e7 2. ♖f6+ (2. ♖b6+ ♖c7) 2. ... ♖e6 3. ♖b6+
 8) 1. ♜d5! ♖xa3 (1. ... ♖a7 2. ♜c3! ♖xa3 3. ♜xb5+) 2. ♜c7+ ♖a7 3. ♜xb5+ ♖b6 4. ♜xa3 ♖c6 5. ♜b5!
 9) 1. ♜d6+ ♖b6 2. ♜c4+ ♖b5 3. ♜a3+
 10) 1. ♜a1+ ♖d2 2. ♗f2+ ♖c3 3. ♗f6+
 11) 1. ♖c8 ♙h1 2. ♖h8 ♙g2 (2. ... ♙f3 3. ♖f8+ ; 2. ... ♙c6 3. ♖h6+; 2. ... ♙b7 3. ♖b8) 3. ♖h2
 12) 1. ♖g1+ ♖f8 2. ♙a3+ ♖e8 3. ♖e1+ ♖d7 4. ♖e7+

55 Elimination of the defence / Mix: A

- 1) 1. ... ♜a7 2. ♙c4 b5
 2) 1. ♙b6 ♗xb6 2. ♗xe7 ♙f8 3. ♗h4 ♗xb2 4. ♜xe5 ♗xc3 5. ♗f6
 3) 1. ♖d6 ♜xd6 2. ♗xc6+
 4) 1. ... ♗xg5 2. fxg5 ♙f3
 5) 1. ♗g7+ ♖h5 2. g4+ ♗xg4 3. ♗xh7#
 6) 1. ... ♖xe1+ 2. ♖xe1 ♙d4+
 7) 1. ... ♗e1+ 2. ♖h2 ♗g3+ 3. ♗xg3 fxg3+ 4. ♖xg3 ♖xc8
 8) 1. ♖xa7 ♖xa7 2. c7
 9) 1. ♖d8+ ♙f8 2. ♗g5+ ♖g7 3. ♖xf8+ ♖xf8 4. ♖d8#
 10) 1. ... ♜xe1 2. ♗xe1 ♙xc3 3. ♗xc3 ♗xe2
 11) 1. ♜e8+ ♖g8 2. ♜c7

12) 1. ♖c7 ♗xc7 2. ♜e8+ ♜f8 3. ♙e6+

56 Elimination of the defence / Mix: B

- 1) 1. ♖f7 ♗a1 2. ♜2f6 ♗xf6 3. ♜xf6
- 2) 1. ... ♗xe3+ (1. ... ♜h1+ 2. ♜xh1 ♗xe3 3. ♜d8+ ♜xd8 4. ♜xe3) 2. ♜xe3 ♜h1+ 3. ♜xh1 ♜f1#
- 3) 1. ♜xe5 dxe5 2. ♗xd7+ ♙xd7 3. ♙xg7
- 4) 1. ♙f3 ♜c8 2. ♜e8 ♜b7 (2. ... ♜xe8 3. ♙xc6+) 3. ♜xc8 ♜xc8 4. ♙xc6
- 5) 1. ♜g6+ ♜h7 2. ♜f8+ ♜h8 3. ♗h7+ ♜xh7 4. ♜g6#
- 6) 1. ... ♜c3 (1. ... ♜a5? 2. c4 ♜a1+ 3. ♜c2) 2. ♗xc3 ♗f1+ 3. ♜b2 ♗a1#
- 7) 1. ♜b7 ♗d8 2. ♜d6 ♗e8 3. ♜xf6
- 8) 1. ... e3 2. ♗xe3 f4 3. ♗e5 ♜f5
- 9) 1. ... g5+ 2. ♜xh5 ♗xg4+ 3. ♗xg4 ♙f7#
- 10) 1. ... e5 2. ♙xe5 ♙c3 3. ♗g1 ♙xe5
- 11) 1. ♜xc8 ♗xc8 2. ♜b6
- 12) 1. ♙g8+ (1. ♗h8+? ♜xh8 2. ♜f7+ ♜g8 3. ♜f2+ ♜h7 4. ♜f7+) 1. ... ♜xg8 (1. ... ♜xg8 2. ♗h8#) 2. ♜f7+ ♜g7 3. ♜xg7+

57 Elimination of the defence / Mix: C

- 1) 1. ♜e5 b1♗ (1. ... dxe5 2. ♗f6+; 1. ... ♗xe5 2. ♗c7#) 2. ♗f6+ ♜e7 3. ♗xe7#
- 2) 1. ... ♜e5 2. ♗xe5 ♗xc2+ 3. ♜a1 ♗c1+ 4. ♜xc1 ♜xc1#
- 3) 1. ♗g6 ♗h6 2. ♜xc6 ♗xg6+ 3. ♜xg6
- 4) 1. ♗c5+ ♜g7 2. f8♗+ ♜xf8 3. ♗g5#
- 5) Drawing
- 6) 1. ... ♗b4 2. ♗d1 (2. ♗xb4 ♜xc1+ 3. ♙f1 ♜xb4) 2. ... ♜xc1 3. ♗xc1 ♗xd4
- 7) 1. ♜e4+ dxe4 2. ♜xd4+
- 8) 1. ♜c7 ♙xc7 (1. ... ♜xc7 2. ♜b8+ ♜c8 3. ♜xc8#) 2. ♗xc5+
- 9) 1. ♙xe6 fxe6 2. ♗xh7
- 10) 1. ♜f7+ ♜g8 2. ♜h8+ ♜xh8 3. ♜h6#
- 11) 1. ♜c8+ ♙xc8 2. ♗e8+ ♜h7 3. ♗xf7+ ♜h8 4. ♗g7#
- 12) 1. ♜f7 ♗a3 2. b4

58 The pin: A

- 1) 1. ♜d1 e6 2. c4
- 2) 1. ... ♜e5 2. ♗g4+ ♜g5
- 3) 1. ♜f6+ ♙xf6 2. exf6
- 4) 1. ♙xc6 dxc6 2. dxe5
- 5) 1. ... ♜f5 2. ♙g3 ♙d4
- 6) 1. ... ♜f3+ 2. gxf3 ♜g6
- 7) 1. ... g4 2. ♜h4 ♙g5
- 8) 1. ♗xb8 ♜fxb8 2. ♜xd7 (2. ♙xf6? ♙xf6 3. ♜xd7 ♙xc3 4. ♜xb8 ♙xe1) 2. ... ♜xd7 3. ♙xe7
- 9) 1. ... ♗a5 2. a3 c5
- 10) 1. ♙d6 ♜e8 (1. ... ♜d8 2. ♜xf6 ♜xd6 3. ♜xf7) 2. ♜xf6 ♜xf6 3. ♜xf6
- 11) 1. ♜c1 ♗b6 2. ♙e5
- 12) 1. ... ♜e2+ 2. ♜h1 ♗xe3

59 The pin: B

- 1) 1. ♜xd7 ♜xd7 2. ♙xc6
- 2) 1. ... d3 2. cxd3 ♜d4
- 3) 1. ♜xb6 axb6 2. ♙d5
- 4) 1. ♙xf6 gxf6 2. ♙g4
- 5) 1. ♙e6 ♜f6 2. ♙g4
- 6) 1. ♜xc4 dxc4 2. ♜xc4
- 7) 1. ♜e5 ♜hd8 2. ♜xc5+
- 8) 1. ♙xc5 dxc5 2. 0-0-0
- 9) 1. ... ♗b6+ 2. ♜h1 ♜xc3
- 10) 1. a4 ♙c6 2. b3
- 11) 1. ♜xa5+ (1. ♜xd3? ♜xd3+ 2. ♜d2 ♜c5 3. ♜xd3 ♜xd5+ 4. ♜d4 c5)
- 12) 1. f4 e5 2. fxe5 ♗d7 3. ♜d1

60 The pin: C

- 1) 1. ... ♖e7+ (1. ... ♜f6? 2. ♘e5 ♘c7 3. ♜c6 ♜e6+ 4. ♘f4 ♘e8 5. ♘f5) 2. ♘f3 ♜e6
- 2) 1. ... ♜xc5 2. ♜xc5 ♜xb3+
- 3) 1. ♙xd5 ♙xd5 2. ♘c4 ♜c5 3. ♜xd5
- 4) 1. dxc6 ♜xd3 2. ♜d1
- 5) 1. ♜f7+ ♘g8 2. ♜g7+ ♘f8 3. ♜c7
- 6) 1. ... ♘c4 2. ♙c1 (2. ♜d1 ♘xd2 3. ♜xd2 c4) 2. ... ♘e5
- 7) 1. ... ♜f1+ 2. ♘h2 ♜f2+ 3. ♘h1 ♜xh3+
- 8) 1. ... d4 2. ♙xd4 ♜xd4 3. ♜xd4 ♙c5
- 9) 1. ♘c4 ♘xc4 (1. ... dxc4 2. ♙xb7 ♜xb7 3. ♜xb6) 2. ♜xc7 ♜xc7 3. ♜xb8+
- 10) 1. ... ♜xd4 2. ♙xd4 ♜xe5
- 11) 1. ♙a3 (1. ♜xf8+? ♘h7 2. ♜xf7 ♜c1+) 1. ... b5 2. ♜xf8+ ♘h7 3. ♙xf7
- 12) 1. ♜c7 ♜e7 2. ♜xe7 ♜xe7 3. ♜xd5

61 Trapping: A

- 1) 1. ♜xg5 hxg5 2. ♙g3
- 2) 1. ♜xb3 ♜xb3 2. ♜a3
- 3) 1. e5 (1. ♘g4 ♜g6 2. e5 ♘f5 3. ♘e3 ♘f8) 1. ... dxe5 2. ♘g4
- 4) 1. b4 ♜c8 2. ♜b3
- 5) 1. ♜c8+ ♘d3 2. ♙c5
- 6) 1. ... ♜b8 2. ♜c7 ♙e5
- 7) 1. ... ♙c2 2. ♜a5 ♙b4
- 8) 1. ... ♜a6 2. ♘f3 ♙d8
- 9) 1. ... ♜xb3 2. cxb3 ♘xe4
- 10) 1. ♘g4 ♘xg4 2. hxg4
- 11) 1. ... ♜e7 2. ♜a3 ♜a8
- 12) 1. ... d5 2. exd5 ♘d8

62 Trapping: B

- 1) 1. ... d5 2. exd5 ♘d8
- 2) 1. ♜b4 ♜xb4 2. cxb4
- 3) 1. ... ♙f8 2. ♙c2 b5
- 4) 1. ... ♘c4
- 5) 1. ... ♜a1+ 2. ♘c2 ♘a5
- 6) 1. ... e5 2. ♜xe5 ♜e6
- 7) 1. ... c4 2. dxc4 (2. ♜xc4 ♙xf3 3. ♙xf3 ♜xc4 4. dxc4 ♘c6) 2. ... ♘c5
- 8) 1. ... ♜c8
- 9) 1. ... ♜c3 2. ♘b3 ♙d7
- 10) 1... ♙c2 2. ♜xc2 (2. ♜a3 ♘c4) 2. ... c4
- 11) 1. b4 a5 2. ♘e4
- 12) 1. ... ♙a4 2. ♜xb7 ♜a7 (2. ... ♜f7)

63 Trapping: C

- 1) 1. ♜b5 ♜xb5 2. axb5
- 2) 1. ♜d4 ♘g6 2. g4 ♙xg4 3. ♜xg4 ♘f6 4. ♜d4 ♘xd5 5. ♙h3+ ♘b8 6. ♜hd1
- 3) 1. g4 ♙d7 2. g5
- 4) 1. ♜a1 ♜b5 2. ♜a5 (2. ... ♘xa5 3. ♘e7#)
- 5) 1. ... ♜f7 (1. ... ♘d7 2. ♜xe7+) 2. ♘f3 ♘d7
- 6) 1. cxb7 (1. ♜c3 ♙b4 2. cxb7 ♜xb7) 1. ... ♙xb7 2. ♜c3
- 7) 1. ... ♜e7 2. ♙g3 ♙b4
- 8) 1. ... ♜xe5 2. ♜xe5 ♘h5
- 9) 1. ♙d6 cxd6 2. a3
- 10) 1. ... ♙xf2+ 2. ♘xf2 ♘g4+
- 11) 1. ♙e4 ♜g4 2. h3 ♜h5 3. g4 (3. ♙f3)
- 12) 1. ... ♙g5 2. ♜g3 h4 3. ♜f3 e4

64 Passed pawn: A

- 1) 1. ... ♜h7 2. ♜xh7 ♙g4+ 3. ♘d2 ♙h5

- 2) 1. ... ♖f1 2. ♜xf1 ♕h3+ 3. ♜xh3 exf1 ♙+
- 3) 1. ♜b8 ♜xb8 2. ♙xb8+ ♜xb8 3. e8 ♙+
- 4) 1. ♜a8 ♜xb7 2. ♜xd8+ ♕xd8 3. ♜xb7
- 5) 1. f5+ (1. ♜c8? ♜8d3+ 2. ♜b2 ♜1d2+ ; 1. ♜e7+ ♜f5 2. ♜e5+ ♜g4 3. ♜xc5 ♜8d3+=) 1. ... gxf5 2. ♜c8 ♜b1 3. ♜xd8
- 6) 1. ♕f3 e4 2. ♕xe4 ♜xe4 3. ♜d1+ ♜c7 4. ♜xd8
- 7) 1. ♕f6 ♜xf6 2. ♜d6 ♜g7 3. ♜xf6
- 8) 1. ♜xa5 ♜xa5 2. ♜xc3 ♜f7 3. h8 ♙
- 9) 1. ... ♕g3+ 2. ♜xg3+ ♜f6 3. ♜a3 a1 ♙ 4. ♜xa1 ♜xa1
- 10) 1. ... f3 2. gxf3 ♜c2 3. ♜xe2 ♜d4#
- 11) 1. ♜b2+ ♜b5 2. a4+ ♜c5 3. ♜d3+ ♜d5 4. ♜xe5
- 12) 12) 1. ... ♕e1+ 2. ♜f4 (2. ♜g4 ♜h4+) 2. ... c1 ♙+ (2. ... ♕d2+ 3. ♜g4 ♜g5+ 5. ♜h3 ♕xc1 wins too)

65 Passed pawn: B

- 1) 1. ♜c3! ♕xc3 2. ♜c4 ♕a1 3. h8 ♙
- 2) 1. ♕d7 ♜xd7 2. e8 ♙+ ♜xe8 3. ♜h8+ ♜d7 4. ♜xb8
- 3) 1. ♙d4 ♙d6 2. c7 ♙xc7 3. ♙xd5
- 4) 1. ♜e7 ♕xe7 2. ♜d5+
- 5) 1. ... ♙xh5+ 2. ♜xh5 f1 ♜+ 3. ♜g1 ♜xe3
- 6) 1. h6 ♕c7 2. ♜g7 ♜h8 3. ♕f4
- 7) 1. ♜xe6+ fxe6 2. ♜xe6 ♜xd7 3. ♜f8+
- 8) 1. ♕d8 ♜xd8 2. ♜d1+ ♜e7 3. ♜xd8
- 9) 1. ♜b5+ (1. f7 ♙h5 2. ♜e8+ ♜c8) 1. ... cxb5 2. f7 bxa4 3. f8 ♙
- 10) 1. ... ♕c6 2. ♜xc6 (2. ♙c2 ♕e4) 2. ... ♙xg2+ 3. ♜xg2 c2
- 11) 1. ♙d7+ (1. ♙g4+ ♜h6 2. ♙h4+ ♜g7 ; 1. ♜xf8 ♜xf8 2. ♙f1+ ♜g7 3. ♙f7+ ♜h6) 1. ... ♜h6 2. ♙f7 ♜xf7 3. exf7
- 12) 1. ♜e1 ♜f8 2. ♕b4+ ♜g7 3. ♜e8 ♕d8 4. ♕e7

66 Passed pawn: C

- 1) 1. b4 ♙e3 2. f7 ♜f2 3. f8 ♙
- 2) 1. ♜b8 ♜xb8 2. c8 ♙+ ♜xc8 3. ♙xc8+ ♜g7 4. ♙xd7
- 3) 1. ♜f8+ ♜xf8 2. ♙xh7+ ♜xh7 3. gxf8 ♜+
- 4) 1. ♜b1 h6 (1. ... c2 2. ♜xb8+ ♙xb8 3. a7) 2. ♜xb8+ ♙xb8 3. ♙b7
- 5) 1. ♜d8+ ♜xd8 2. ♙d6+ ♜d7 3. c7+ ♙xc7 4. ♙f8#
- 6) 1. ♙g1+ ♙f2 2. ♙f1
- 7) 1. ♜h5+! ♜xh5 2. ♙b1+! ♙xb1 3. g8 ♙+ ♜h6 4. ♙g7#
- 8) 1. ♜e8+ ♜xe8 2. d8 ♙ ♙xg6+ 3. hxg6
- 9) 1. ♙g5+ ♜h7 2. ♙g8+ ♜xg8 3. f8 ♜+ ♜h8 (3. ... ♜h6 4. ♜h7#) 4. ♜h7#
- 10) 1. ♙c4+ ♜h8 2. ♙c3+ ♜g8 3. ♙g7+
- 11) 1. ♙c4+ ♙d5 2. d8 ♙ ♜xd8 3. ♜d4
- 12) 1. ♙a8+ ♜xa8 2. ♜d8+ ♜a7 3. c8 ♜+ ♜b8 4. ♜b6+ ♜c7 (4. ... ♜a7 5. ♜a8#) 5. ♜c8#

67 Endgame ♕ - ♜: A

- 1) 1. c7+ ♜c8 2. ♜c6 (2. ♕a6+ ♜d7 3. ♕b5+ ♜c8 4. ♕xe8=) 2. ... ♜e7 3. ♕a6#
- 2) 1. e8 ♙+ ♜xe8 2. ♕c6+ ♜e7 3. ♕xe8
- 3) 1. ♕f4 ♜a8 2. f8 ♙ ♜xf8 3. ♕b8
- 4) 1. c7 (1. b4+ ♜b6 2. c7 ♜b7) 1. ... ♜c5 2. b4+ ♜xb4 3. ♕e7
- 5) 1. ♕c8 ♜f5 2. d7 ♜d6 3. d8 ♙+
- 6) 1. ♕e4+ (1. a8 ♙+ ♜xa8 2. ♕e4+ ♜b8 3. ♕d5 ♜c7) 1. ... ♜xa7 (1. ... ♜xe4+ 2. ♜d5 ♜e1 3. a8 ♙+ ♜xa8 4. d8 ♙+) 2. ♕d5
- 7) 1. a7 ♜a3 (1. ... ♜h8 2. ♕c8! ♜xc8 3. b7) 2. ♕a6+! ♜xa6 3. b7
- 8) 1. e7 ♜b4 (1. ... ♜b1+ 2. ♜d2 ♜b2+ 3. ♜d3 ♜b3+ 4. ♜c4) 2. ♕e3+ (2. e8 ♙ ♜e4+) 2. ... ♜xe3 3. e8 ♙+
- 9) 1. h7 ♜a8 2. ♕e6+ ♜g3 3. ♕c8 ♜a7+ 4. ♕b7
- 10) 1. f7 ♜f1 2. ♕f6 ♜e1+ 3. ♜d7 (3. ♜d6 ♜d1+ 4. ♜e5 ♜e1+ 5. ♜d4 ♜d1+ 6. ♜e3 ♜d8 7. ♕xd8 ♜g7) 3. ... ♜d1+ 4. ♜c7 (4. ♜c6? ♜d8! 5. ♕xd8 ♜g7) 4. ... ♜c1+ 5. ♜b7 ♜b1+ 6. ♜a7 (6. ♜a8? ♜g1!)
- 11) 1. ♕c5! (1. ♕e3 ♜b7 2. ♕c5 ♜c8) 1. ... ♜b7 2. ♕f8
- 12) 1. ♕a5 ♜f8 (1. ... ♜g2+ 2. ♜f7 ♜f2+ 3. ♜e7 ♜e2+ 4. ♜d6) 2. ♜g7 ♜b8 3. ♕c7

68 Endgame ♙ - ♚: B

1. ♙f7 ♚c5+ (1. ... ♜g4 2. h7 ♚g7 3. h8♙ ♚xf7+) 2. ♜b6
2. 1. ♙d3 (1. ♜c2? ♚e6 2. ♙d5+ ♜a1 3. ♙xe6 stalemate) 1. ... ♚xd3+ 2. ♜e2
3. 1. ♜g7 ♚g2+ 2. ♙g5 ♚xg5+ 3. ♜h6 ♚g1 4. c8♙+ ♜xc8 5. h8♙+
4. 1. d7 ♚xe5+ 2. ♙e4 ♚xe4+ 3. ♜f3 (3. ♜d2 ♜e5 4. d8♙ ♚d4+ 5. ♙xd4+ ♜xd4)
5. 1. a7 ♚b2 (1. ... ♚b8 2. axb8♙) 2. ♜a4! (2. a8♙? ♚a2+ 3. ♙xa2=)
6. 1. ♙e3 ♚f3 2. ♙g5 ♚g3 (2. ... fxg5 3. g7 ♚f5 4. g8♙ ♚xb5+ 5. ♜xc7) 3. ♙h4
7. 1. d7 (1. ♜b3 ♚f4 2. d7 ♚xf3+) 1. ... ♜c7 2. ♜b3 ♚a5 (2. ... ♚f4 3. ♙d6+; 2. ... ♚h4 3. ♙e7) 3. ♙b6+
8. 1. ♙e8 (1. ♙e2 h2 2. ♙f3 ♚b6) 1. ... ♜xe8 2. g7
9. 1. c7 ♚b1 2. ♙g8
10. 1. ♜c7 ♚c1+ 2. ♙c4!! ♚xc4+ 3. ♜d7 ♚d4+ 4. ♜e7 ♚e4+ 5. ♜f7 ♚f4+ 6. ♜g7
11. 1. g8♙ (1. g8♙? ♜d6+ 2. ♙xe8\$) 1. ... ♜d6+ 2. ♚xe8
12. 1. c7 ♚f2+ (1. ... ♚c2 2. ♙f5+) 2. ♜g6! ♚g2+ (2. ... ♚f8 3. ♜g7 ♚a8 4. ♙c6+) 3. ♙g4!! ♚xg4+ 4. ♜f7 ♚f4+ 5. ♜e7

69 Endgame ♜ - ♜: A

1. ♜c7 ♜f7 2. ♜e8 ♜xe8 3. ♜d6 ♜f7 4. ♜e5 ♜g7 5. ♜f4 ♜h6 6. ♜g4
2. 1. ♜e3 (1. ♜c3 ♜b2) 1. ... ♜b1 2. ♜d5 ♜b2 3. ♜b4 ♜b3 (3. ... ♜c3 4. ♜a2+ ♜b3 5. ♜c1+ ♜b2 6. ♜d3+ ♜c3 7. ♜c1) 4. ♜d3 ♜c2 5. ♜b4+
3. 1. ♜d2 h4 2. ♜e1 d4 3. ♜b6 d3 4. ♜c4
4. 1. ♜e5+ (1. ♜d2+? ♜e2 2. ♜e4 h3) 1. ... ♜g3 2. ♜c4 h3 (2. ... ♜f3 3. ♜e5+ ♜g3 4. ♜c4 ♜f2 5. ♜e5 h3) 3. ♜e3? h2 (3. ... ♜f3 4. ♜f1 ♜f2 5. ♜h2) 4. ♜f1+
5. 1. ♜f2 (1. ♜g3 ♜e5 2. ♜h1 ♜e4) 1. ... ♜c3 2. ♜d6 ♜d2 3. ♜e5
6. 1. ♜f4+ (1. ♜c3? a5+ 2. ♜b3 a4+ 3. ♜b4 a3) 1. ... ♜e4 (1. ... ♜c2 2. ♜d5 ♜d3 3. ♜f4+) 2. ♜e2 ♜d3 3. ♜f4+ (3. ♜c3 a5+)
7. 1. h6 ♜f2 2. ♜e1 ♜xe1 3. ♜g2
8. 1. ♜e5 (1. ♜b2 c1♙ 2. a4+ ♜a5 3. b4+) 1. ... c1♙ 2. a4+ ♜b4 (2. ... ♜a5 3. ♜c6+ ♙xc6+ 4. ♜xc6) 3. ♜d3+
9. 1. ♜d1 b2 2. ♜f4+ ♜c3 3. ♜e2+ ♜b3 4. ♜c1+ ♜a3 5. ♜c2
10. 1. ♜b5 (1. ♜e2 ♜d3) 1. ... cxb5+ (1. ... b1♜ 2. ♜b4) 2. ♜a3 b1♙= (2. ... b1♙ 3. ♜b4 ♙d3 4. a4)
11. 1. ♜f2 d1♙+ 2. ♜xd1 ♜xd1 3. ♜f2 ♜d2 4. ♜f3 ♜d3 5. ♜f2 e4 6. ♜e1 ♜c3
12. 1. ♜c5 (1. ♜e5? dxe5 2. dxe5 e2 3. e6 e1♙ 4. e7 ♙d2+) 1. ... dxc5 (1. ... ♜g2 2. ♜d3 ♜f3 3. ♜d7 ♜e4 4. ♜e1 d5 5. ♜d6 ♜xd4 6. ♜c2+ ♜e4 7. ♜xe3; 1. ... e2 2. ♜d3 ♜g2? 3. ♜f4+ ♜f3 4. ♜xe2 ♜xe2 5. d5) 2. dxc5 e2 3. c6 e1♙ 4. c7

70 Endgame ♜ - ♜: B

1. 1. ♜d6 (1. ♜xh6 gxh6 2. ♜f6 ♜g8 3. g7 ♜h7) 1. ... ♜g8 2. ♜e8 ♜h8 3. ♜f6! gxf6 4. ♜f7 f5 5. g7+ ♜h7 6. g8♙#
2. 1. ♜g4+ (1. hxg3 ♜g1 2. ♜g4 ♜g2) 1. ... ♜g2 2. hxg3
3. 1. ♜e2! (1. ♜d3?) 1. ... d3 2. ♜f4 d2 3. ♜h6 d1♙ 4. ♜g6#
4. 1. g4 (1. ♜a4? ♜e3 2. ♜c3 ♜f3 3. ♜e2 ♜xe2 4. g4 c5 5. ♜b5 ♜d3 6. g5 c4) 1. ... ♜e4 2. ♜c4 ♜f4 (2. ... ♜d5 3. g5 ♜e6 4. g6 ♜f6 5. ♜e5 c5 6. ♜b5) 3. ♜e3 c5 4. ♜b5
5. 1. ♜f2! (1. ♜f3? ♜e5 2. ♜g5 ♜d4 3. ♜e4 h2 4. ♜g2 ♜xe4) 1. ... ♜e5 2. ♜g5 ♜d4 3. ♜f3+! ♜c3 4. ♜d2
6. 1. hxg3 hxg3 2. h4! g2 (2. ... gxf2 3. ♜e2) 3. ♜h3
7. 1. ♜xc2 ♜f3 2. g4 ♜f4 3. ♜d3 ♜g5 4. ♜e4 ♜xh6 5. ♜f5
8. 1. ♜e6+ ♜e3 (1. ... ♜e4 2. ♜c5+ ; 1. ... ♜f3 2. ♜d4+) 2. ♜d4 ♜xd4 3. h7 a1♙ 4. h8♙+
9. 1. ♜a4 ♜d5 2. ♜a5 ♜xe6 3. ♜a6
10. 1. ♜e4 (1. ♜f1 c3=) 1. ... ♜d3 2. ♜b5 ♜d4 3. ♜c3 ♜d3 4. ♜b1
11. 1. ♜e4 b3 2. ♜c5 (2. g6 b2 3. g7 ♜c2 4. g8♙ b1♙) 2. ... b2 3. ♜a4 b1♙ 4. ♜c3+ ♜c2 5. ♜xb1
12. 1. ♜c2+ ♜c3 (1. ... ♜b5 2. ♜b7 c5 3. ♜c7 ♜c4 4. ♜c6 ♜d3 5. ♜xc5) 2. ♜b7 ♜xc2 3. ♜c6 ♜c3 4. ♜c5 c6 5. a4

71 Endgame ♜ - ♜: C

1. 1. ♜d4+ ♜c1 2. ♜b3+ ♜c2 3. ♜d2
2. 1. ♜h2 ♜e2 2. ♜f3 ♜xf3 3. a8♙+
3. 1. ♜c7 ♜g5 2. ♜d8 (2. ♜d7? ♜f6) 2. ... ♜f6 3. ♜d7
4. 1. ♜c4 a1♙ (1. ... ♜a5 2. ♜c5 a1♜ 3. ♜c3 (3. b4+ ♜b6 4. ♜c3 ♜b5 5. ♜d3 ♜a4 6. ♜c4) 3. ... ♜b6 4. b4 (4. ♜e6 ♜b5) 4. ... ♜b5 5. ♜d3 ♜a4 6. ♜c4 ♜c2 7. ♜b2+ ♜a3 8. b5) 2. ♜c5+ ♜a5 3. ♜b3+
5. 1. ♜g3+ ♜g2 (1. ... ♜h2 2. ♜f1+ ; 1. ... ♜g1 2. ♜e2+ ♜f2 3. ♜c3) 2. ♜f1 (2. ♜f5? ♜f2) 2. ... d1♙

- (2. ... ♗xf1 3. f8♙+) 3. ♖e3+
- 6) 1. a6! h2 2. ♗xh2 g3+ 3. ♗g1 g2 4. ♖b4
- 7) 1. ♖d1 (1. c4? ♗b4 2. ♗b1 a5 3. ♗c2 a4 4. ♗d3 a3 5. ♖d1 a2 6. ♖e3 a1♖) 1. ... a6 (1. ... a5 2. ♗b1 a4 3. ♗c1 a3 4. ♗b1 a2+ 5. ♗a1!) 2. ♗b1 a5 3. ♗c1 a4 4. ♗d2! a3 5. ♖e3 a2 6. ♖c2 ♗c4 7. ♖a1!
- 8) 1. ♗d5 (1. ♗e3? ♗c3 2. d4 ♗c2 3. ♖a2 ♗b3 4. ♖c1+ ♗c2; 1. ♗e4? ♗c3) 1. ... ♗c3 (1. ... ♗b5 2. ♖a2; 1. ... ♗a4 2. ♗c4) 2. d4 (2. ♗c5? a2) 2. ... ♗b2 3. ♗c4 (3. ♖d3+? ♗c3) 3. ... ♗xc1 4. ♗b3
- 9) 1. ♖c2 (1. ♖c4? ♗e1 2. ♖e3 ♗e2 3. g4 fxg4 4. ♗e4 g3 5. ♖f5 g2) 1. ... ♗e2 2. ♖e3
- 10) 1. ♖f5! (1. ♖b5? ♗c4 2. ♖a3+ ♗b3 3. ♖b1 ♗c2) 1. ... ♗e4 2. ♖g3+ ♗f3 3. ♖f1 ♗e2 4. ♗f4! ♗xf1 5. ♗e3
- 11) 1. ♖b3 c4 (1. ... ♗d3 2. ♖a1) 2. ♖c5 ♗d2 3. ♗e5 ♗c2 4. ♖a4 ♗b3 5. ♗d4
- 12) 1. ♖f6+! (1. h6 ♗e5 2. ♗b7) 1. ... ♗e5 (1. ... exf6 2. h6) 2. ♖e8! ♗e6 3. h6 ♗f7 4. h7

72 Cooperation: ♖♖: A

- 1) 1. ♖c8 ♙xc8 (1. ... ♙f7 2. ♖b6+ ♗e7 3. ♖c7+) 2. ♖b6+
- 2) 1. ♖e3 ♗xe3 2. ♖a3+
- 3) 1. a3+ ♗c4 2. ♖c5+
- 4) 1. ♖e8+ ♗f7 2. ♖c8
- 5) 1. ♖e5+ dxe5 (1. ... ♗f4 2. e3#) 2. ♖c5+
- 6) 1. ♖c8+ ♗d5 (1. ... ♗d3 2. ♖f2+; 1. ... ♗b5 2. ♖d6+ ♗a5 3. ♖a8#) 2. ♖c3+ dxc3 3. ♖d8+
- 7) 1. b4+ axb3 (1. ... cxb4 2. ♖h5+ ♗b6 3. ♖d5+; 1. ... ♗xb4 2. ♖d5+ ♗b3 3. ♖xc7) 2. ♖a1+ ♗b6 3. ♖d5+
- 8) 1. ♖e8+ ♗f5 2. ♖g3+ fxg3 3. ♖f8+ ♗e4 4. ♖xf1 d4 5. ♗xb5 d3 6. ♗c4
- 9) 1. ♖d4! b6 2. ♖b4 ♙xd4 3. ♖c6+
- 10) 1. ♖e7 ♙e6 2. ♖g6+ ♗g8 3. ♖d8+ ♗f7 4. ♖f8#
- 11) 1. ♖c5 ♗b1 2. ♖b2+ ♗c1 3. ♖d3+ ♗d1 4. ♖f2+
- 12) 1. ♖f5! ♙xb4 (1. ... ♙e6 2. ♖d4+; 1. ... ♙e5 2. ♖a5+; 1. ... ♙e4 2. ♖d6+) 2. ♖b8+

73 Cooperation ♖♙: A

- 1) Drawing
- 2) Drawing
- 3) 1. a6 (1. ♖xb7+ ♗g8 2. ♖b8+ ♙xb8 3. ♙xb8 ♗f7 4. ♙xa7 ♗e7 5. a6 ♗d7; 1. ♗f1 ♙f8) 1. ... bxa6 2. ♖xa7+
- 4) 1. ♙f5+! ♗h6 (1. ... ♗g8 2. ♖d8#) 2. ♖h3 ♙xh3 3. g5+
- 5) 1. ♖f8! ♙xf8 (1. ... ♙h7 2. ♙g3#) 2. ♙c3+ ♗d6 3. ♙b4+
- 6) 1. ♙e1 ♙b6 (1. ... ♙e8 2. ♖g3+ ♗h4 3. ♖e3+) 2. ♖g3+ ♗h4 3. ♖b3+
- 7) 1. ♖a5 ♙h1 (1. ... ♗xa5 2. b4+) 2. ♙c3+ ♗c4 3. b3#
- 8) 1. ♖c4 ♙h3 2. ♖d4+
- 9) 1. ♙c8+ ♗b8 2. ♙a6
- 10) 1. ♖b2 (1. ♖c2 ♙c3; 1. ♖a2 ♙e4) 1. ... ♗g8 2. ♖h2
- 11) 1. ♖g8! ♙b7 2. ♙a6! ♙xa6 (2. ... ♙c6 3. ♖g6+; 2. ... ♙d5+ 3. ♙c4; 2. ... ♙e4 3. ♖e8+) 3. ♖g6+
- 12) 1. e6+ ♗xe6 (1. ... ♙xe6 2. ♙g4) 2. ♙b3

74 Cooperation ♙♖: A

- 1) 1. ♙b3+ ♙e6 2. ♖e1
- 2) 1. ... ♖f1 2. ♗a2 ♖xd1
- 3) 1. ♙a8+ ♖d8 2. ♖e8+ ♗f7 3. ♖xd8
- 4) 1. ♖f5+ ♗g4 2. ♖g5+ ♗xg5 3. ♙f4#
- 5) 1. hxg7+ ♖xg7 2. ♙b8+ ♖g8 3. ♙e5+ ♖g7 4. ♖f8#
- 6) 1. ♙d8+ ♗h7 2. ♙f8 ♖e6 3. ♙xf7+
- 7) 1. ... ♙e1+ (1. ... ♖xe3? 2. ♖c1) 2. ♗h2 ♖xe3
- 8) 1. g4 (1. h3 ♙h5; 1. f3 ♙d4+) 1. ... h6 2. ♖xd1
- 9) 1. ... ♙d1+ 2. ♗c4 (2. ♖c2 ♙b1+ 3. ♗c3 ♖f3+) 2. ... ♙e2+ 3. ♗c5 ♖f5+
- 10) 1. ♙e8 ♗a5 2. ♙c6 ♙a6 3. ♖xb7
- 11) 1. ♙b6+ ♗a4 2. ♖e8
- 12) 1. ... f5 2. b8♙ ♙g3+ 3. ♙xg3 ♖h5#

75 Cooperation ♙♙: A

- 1) 1. e8♙+ ♗xe8 2. ♙d7+ ♙xd7 3. ♖f6+ ♗e7 4. ♖xd7 ♗xd7 5. ♗f6 ♗e8 6. ♗e6
- 2) 1. ♙a6+ (1. ♖c5+ ♗xb6 2. ♖xe4 fxe2) 1. ... ♗c6 2. ♙b7+ ♗xb7 3. ♖c5+
- 3) 1. c7+ ♗xc7 (1. ... ♙xc7 2. ♙a5 ♙xa5 3. ♖c6+) 2. ♙f4 ♙xf4 3. ♖d5+
- 4) 1. ♖b1 ♙xb1 (1. ... ♙g8 2. a3+ ♗a4 3. ♙b5#) 2. c3+ ♗xc3+ 3. ♙xb1

- 5) 1. g8♖+ ♟xg8 2. ♕d5+ ♜xd5 3. ♜f6+
- 6) 1. ♜d5 ♟xd5 (1. ... ♜xd5 2. ♕f3+; 1. ... ♜d8 2. ♕f3#) 2. ♕b3+
- 7) 1. b5+ ♜xb5 2. ♕e4+ ♟xc5 3. ♜b7#
- 8) 1. a4 (1. ♕a3+ ♟g7) 1. ... ♜f4 (1. ... e3 2. ♕e5) 2. ♕a3+ ♟g7 3. ♜h5+
- 9) 1. ♕d7 ♜xc2 (1. ... d4 2. ♕f5+ ♟d5 3. ♜b4+) 2. ♕f5+
- 10) 1. ♜e7+ ♟f8 2. ♜f5+ ♟g8 (2. ... ♟e8 3. ♜d6+) 3. ♜h6+ ♟h8 4. ♕b2+
- 11) 1. ♜c5+ ♟d5 2. ♕e6+ ♟d6 3. ♜b7+
- 12) 1. ♜c5+ ♟d5 2. c4+ ♜xc4 (2. ... ♟xc4 3. ♕a6) 3. ♕e6+

76 Queen endings: A

- 1) 1. ♜c8 (1. ♜d8 ♜c4+) 1. ... ♟h7 2. ♜g8+ ♟h6 3. ♜g6# (exploiting the bad position of the king)
- 2) 1. ♜d6 ♜xd6 2. c8♜+ (cashing in a passed pawn)
- 3) 1. ♜g6+ ♟f4 2. ♜g4+ ♟e5 3. ♜g7+ (chasing + X-ray check)
- 4) 1. ♜d8+ ♟h6 2. ♜h8+ ♟g5 3. ♜h4#
- 5) 1. ♜a7+! ♟b5 2. ♜b7+ ♟a5 3. b4+! axb3ep 4. ♜a7+ (chasing, access, X-ray check)
- 6) 1. ♜h8+ ♟d7 2. ♜xh3+ ♟d8 3. ♜xc8+ ♟xc8 4. ♟xc6 (chasing and transition into the endgame)
- 7) 1. ... ♟g6 2. h4 (2. ♜e4+ f5+ ; 2. ♜d2 ♜f5+ 3. ♟h4 ♜h5#) 2. ... ♜c8+ (exploiting the bad position of the king)
- 8) 1. ♜d1 ♜g3 2. ♜h5+ ♟g2 3. ♜g5 (transition into the endgame)
- 9) 1. h6+ ♟g6 2. h5+ ♟f6 3. e5+ ♟e6 4. d5+ (eliminating of the defence: luring away + material)
- 10) 1. ♜h2+ (1. ♜h3+? ♜h4 2. ♜d3 ♜f2+) 1. ... ♜h4 2. ♜c2 ♜h1 3. ♜xg6# (exploiting vulnerability)
- 11) 1. ♜d8+ ♜g8 2. ♜f6+ ♜g7 3. ♟g5 (transition into the endgame)
- 12) 1. ♜b7+! ♟d6 2. ♜b4+ ♟e6 3. d5+ ♟f6 4. ♜h4+ (chasing + X-ray check)

77 Queen endings: B

- 1) 1. g4+ hxg3ep 2. ♜h3+ ♟g6 3. ♜h7+ ♟f6 4. ♜g7+
- 2) 1. ♜h8+ ♟e7 2. ♜f8+ ♟e6 3. ♜f6+ ♟d5 4. ♜f3+
- 3) 1. ♜f2+! ♟e5! (1. ... ♟g5 2. ♜g2+!) 2. ♜h2+! ♟d5 (2. ... ♟f5 3. e4+ ; 2. ... ♟d4 3. e3+ ; 2. ... ♟e4 3. exd3+) 3. e4+
- 4) 1. ♜f3+ ♟g1 2. ♜e3+ ♟f1 3. ♜c1+ ♟g2 4. ♜d2+ ♟f1 5. ♜d1+ ♟g2 (5. ... ♟f2 6. ♜xh1 g2 7. ♜h2 ♟f1 8. ♟f3) 6. ♜e2+ ♟g1 7. ♟xg3
- 5) 1. ♜d2+ (1. ♜c3+? ♜b4 2. ♜a1+ ♟b5 3. ♜f1+ ♟c5 4. ♜f2+ ♟d5 5. ♜xb6 ♜c5) 1. ... ♜b4 2. ♜a2+ ♟b5 3. ♜e2+ ♟c5 (3. ... ♟a5 4. ♜a6#) 4. ♜e5#
- 6) 1. ♜b8+ ♟c4 2. ♜b3+ ♟d4 3. c3+
- 7) 1. ... ♜g1 2. g4 hxg4+ 3. ♟h4 ♜g2
- 8) 1. ♜h3+ (1. ♜e8+? ♜g8 2. ♜e7 ♜b8+) 1. ... ♟g8 2. ♜h7+ ♟f8 3. ♜h8+ ♜g8 4. ♜h4 (of 4. ♜h3! ♜c4 5. ♜f3+)
- 9) 1. ♜a3+! (1. ♜f6+? ♟e8 2. ♜c6+ ♟e7! 3. ♜c7+ ♟f6! 4. ♜f4+ ♟e7!) 1. ... ♟g7 2. ♜e7+ ♟h8 3. ♟h6
- 10) 1. ♟b3 (1. ♜c7 a4 2. ♟a3 h5) 1. ... a4+ (1. ... ♜f6 2. ♜b8+) 2. ♟c4 a3 3. ♟d5 a2 4. ♟e6
- 11) 1. ♜f2! ♜h7 2. ♜g2! ♜d3 3. ♜a8#
- 12) 1. ... f4+ 2. ♟f3 ♜e3+ 3. ♟g4 h5+ 4. ♟h4 ♜e1+

78 Knight endings: A

- 1) 1. ♜b5+ ♟a8 2. ♟b6 ♜b8 3. ♜c7#
- 2) 1. ♜e6 ♟b7 (1. ... g3 2. ♜c5#) 2. ♜d8+
- 3) 1. ♜d5 ♟c6 (1. ... ♜h8 2. b7) 2. ♜e7+
- 4) Drawing
- 5) Drawing
- 6) 1. ♜d7+ (1. g7? ♜g8 2. ♜d7+ ♟c6) 1. ... ♜xd7 2. e5!
- 7) 1. ... ♜f3+ 2. ♟f5 ♟f7 3. ♜d3 g6#
- 8) 1. ♜e8 ♟xd5 2. g4 fxg4+ 3. hxg4 ♟e6 4. gxh5
- 9) 1. d6 ♜c4 2. d7 ♜e5+ 3. ♟g8 ♜xd7 (3. ... ♟xg5 4. d8♜+) 4. ♜f7#
- 10) 1. e8♜+ ♟xe8 2. ♜g7+ ♜xg7 3. h6 ♟f7 4. h7
- 11) 1. ♜e7+ ♜xe7+ 2. ♟g5 ♜c8 (2. ... ♟d7 3. f7) 3. f7
- 12) 1. ♜e4! ♟e6 2. ♟f1 ♟f7 3. ♟g1 ♟g7 4. ♟xh1 ♟h6 5. ♜g3

79 Knight endings: B

- 1) 1. ♜d6 ♜e7 2. a7
- 2) 1. ♜d5 (1. c6? ♜b4 2. ♜c2+ ♜xc2 3. c7 ♜d4+ 4. ♟e4 (4. ♟g6 ♜c6) 4. ... ♜b5) 1. ... h4 2. ♟g4

- 3) 1. ♖g5+ ♗h8 (1. ... ♗h6 2. f4) 2. f3! ♖h6+ 3. ♗g6 ♖g8 4. ♖f7#
- 4) 1. g5 ♗d7 (1. ... ♖g6 2. ♖f7) 2. ♖f7! ♖g6 (2. ... ♖xf7 3. g6) 3. ♖e5+
- 5) 1. h6 ♖g6 (1. ... ♗xc6 2. f5 ; 1. ... ♗e6 2. h7 ♖g6 3. f5+! ♗xf5 4. ♖e7+ ; 1. ... ♗e4 2. f5! ♗xf5 3. h7 ♖g6 4. ♖e7+) 2. ♖e7+! ♖xe7 3. f5
- 6) 1. ♖e8 ♖e6 (1. ... ♖xe8 2. f7 ♗f5; 1. ... ♗f5 2. ♖xc7 ♗xf6 3. ♖xa6) 2. ♖g7 ♖f8 (2. ... b4 3. ♖xe6 b3 4. ♗g2 b2 5. ♖g7 b1 ♖ 6. h3#) 3. ♗g2 b4 4. h3# (Kubbel 1915)
- 7) 1. h6 (1. ♖f7? ♖xf7 2. e6 ♖h6 3. e7 ♖g8) 1. ... gxf6 2. ♖f7 ♖xf7 3. e6 ♖g5 4. e7 ♖h7 5. ♗e5
- 8) 1. ♖c5 ♗xb6 (1. ... d5 2. b7 ♗c7 3. b8 ♖+ ♗xb8 4. ♖d7+ ♖xd7 5. e6 ♗c7 6. e7) 2. ♖xd7+ ♖xd7 3. e6 ♖c5 (3. ... ♗c7 4. e7) 4. e7 ♖b7 5. ♗e5/e6
- 9) 1. ♗e6 ♖e8! (1. ... ♖e4 2. f3+) 2. ♗e7! ♖g7 3. ♗f7 ♖f5 (3. ... ♖h5 4. ♖e3#) 4. ♖f6#
- 10) 1. ♖d7! ♖xd7 (1. ... ♖d3+ 2. ♗f1 ♖xe5 3. ♖xe5 ♗xe5 4. g7 ; 1. ... ♖e4 2. ♖f8+ ♗xe5 3. g7 ♖f6 4. ♖d7+) 2. g7 ♗f7 (2. ... ♖f6 3. exf6 ♗f7 4. fxe7) 3. e6+! ♗xe6 (3. ... ♗xg7 4. exd7) 4. g8 ♖+
- 11) 1. ♗c2 ♖a3+ 2. ♗b3 ♖b1 (2. ... ♖b5 3. ♖c4#) 3. ♖f1 ♗b5 4. ♗b2
- 12) 1. h7 ♖g6 (1. ... ♖f7 2. e5 ♗d5 3. e6 ♗xe6 4. ♖g5+) 2. e5 ♗d5 3. ♖f4+

80 Bishop endings (=) / Technique: A

- 1) 1. ♖e7+ (1. d5? ♖c3+ 2. ♖xc3 stalemate) 1. ... ♖b4 2. ♖c5! ♖xc5 3. dxc5
- 2) 1. g5 (1. d7 ♖f6 2. ♖c7+ ♗b5 3. d8 ♖ ♖xd8 4. ♖xd8 ♗c6) 1. ... hxg5 2. ♖e1
- 3) 1. ♗f7 ♖g7 2. h6 ♖c3 3. ♖f8
- 4) 1. ♖b6 ♖g3 2. c7+ ♖xc7 3. ♖a7#
- 5) 1. ♖c7 (1. ♖b8 ♗d7 2. ♖xa7 ♗c7 3. ♗d5)
- 6) 1. ... ♖g4 (1. ... ♖f1 2. ♗xh4 e2 3. ♖xe2 ♖xe2 4. b5)
- 7) 1. ♖f8 ♖xf8 2. h6
- 8) 1. ♖xa4! (1. h6? axb3+ 2. ♗xb3 (2. ♗b2 ♖d3) 2. ... ♖d3) 1. ... ♖xa4 (1. ... ♗d6 2. ♖xb5 ♗e6 3. ♖e8 ♗f6 4. h6) 2. ♗b2 ♖b5 3. ♗c3
- 9) 1. g7 ♗f6 2. e7! ♖d7 (2. ... ♖h5 3. ♖f7!) 3. ♖e6!
- 10) 1. ♖a8 (1. ♖xa6 ♖xc6) 1. ... f4 2. c7 ♖f5 3. ♖b7
- 11) 1. ♖h1 (1. a7? h1 ♖ 2. ♖xh1 ♖d5 3. ♖xd5\$; 1. ♖g2 h1 ♖ 2. ♖xh1 ♖d5)
- 12) 1. ♖e3 ♖e1 2. h4 ♖xh4 3. ♗f6 ♖g3 4. ♖xg5#

81 Bishop endings (=) / Technique: B

- 1) 1. d3+ (1. g7? ♖h7 2. ♖e6 ♗b3 (2. ... ♗d3? 3. ♖f5+) 3. ♖f7 ♗a3 4. g8 ♖ ♖xg8 5. ♖xg8 ♗b3 6. ♖h7 c5 7. ♖f5 (7. ♖g8 ♗c2) 7. ... c4) 1. ... ♗xd3 (1. ... ♖xd3 2. ♖a6+) 2. g7 ♖h7 3. ♖f5+
- 2) 1. ♗f5! (1. ♗xe5 ♗g4) 1. ... ♖c7 (1. ... ♖g3 2. ♖g5 ♖c7 3. g4#) 2. g4+ ♗h6 3. ♖f8#
- 3) 1. ♖e4 ♖xe4 2. ♗e3 ♖g2 3. ♗d4
- 4) 1. d6+ ♗xd6 (1. ... ♗b8 2. d7 ; 1. ... ♗c8 2. ♖d5) 2. ♖d5! ♗xd5 (2. ... ♗c7 3. a7) 3. a7
- 5) 1. ♖f3! ♖c2 2. g8 ♖! (2. g8 ♖? ♖b3+ 3. ♗xb3=)
- 6) 1. f4 (1. ♗b1? h4 2. f4 h3 3. fxe5 h2 4. g7 h1 ♖ 5. g8 ♖ ♖e4+ ; 1. f3? ♗xa2 2. ♗c2 d4 3. f4 ♖h8 4. f5 a3 5. ♖h4 d3+ 6. ♗xd3 (6. ♗c1 d2+) 6. ... ♗b1 7. f6 a2 ; 1. ♗c2? h4) 1. ... ♖xf4+ (1. ... ♖h8 2. ♖h4) 2. ♗b1 (2. ♗c2? ♖e5 3. ♖f2 ♗xa2 4. ♗d3 ♗b1) 2. ... ♖e5 3. ♖g3 (3. ♖h4? ♗b4!) 3. ... ♖xg3 (3. ... ♖g7 4. ♖d6#) 4. g7
- 7) 1. ♖e5! dxe5 2. h6 e4 (2. ... ♖d4 3. ♗d3 ♖a1 4. ♗e4) 3. ♗c3 ♖b8 4. ♗d4 e3 5. h7
- 8) 1. ♖e8 ♖a4 2. c4 dxc4 3. d5 c3 4. dxc6+ ♗a7 5. c7
- 9) 1. ♖h4 ♖xh4 2. a5 ♖d8 3. b6 axb6 4. a6
- 10) 1. ♖e5 (1. ♗g4? ♗c4 2. ♗xf4 ♗b5 ; 1. ♖xf4? ♗c4 2. ♗g4 ♗b5) 1. ... f3 (1. ... ♖xe5 2. a7 ; 1. ... ♗c4 2. ♖xd4 ♗xd4 3. a7) 2. ♗h3 (2. ♗g3? ♖xe5+ 3. ♗xf3 ♖b8 ; 2. ♖xd4+? ♗xd4 3. a7 f2) 2. ... ♖xe5 3. a7 f2 4. ♗g2 (4. a8 ♖? f1 ♖+) 4. ... ♖d4 5. a8 ♖
- 11) 1. g7 ♖f7+ 2. ♗c5! ♖xa2 3. b4+ axb3ep 4. g8 ♖
- 12) 1. ♖h4 e4 (1. ... ♗c4 2. ♖e7 ♖xe7 3. h6 gxf6 4. g7) 2. h6 gxf6 3. ♖e7+ ♖xe7 4. g7 ♖g5 5. g8 ♖

82 Bishop endings (=) / Defending: A

- 1) 1. ♖h4! ♗f3 2. ♖g5! ♖xg5 stalemate (2. ... ♗e4 3. ♖xh6 gxf6 4. ♗xe2)
- 2) 1. ♗d5 (1. ♖a1? ♗e4 2. ♗c6 ♖d4) 1. ... ♖d8 2. ♖a1 ♖f6 3. ♗c4 ♖xa1 4. ♗b3
- 3) 1. ... ♖xf4+ 2. ♗xf4 ♗c6 3. ♗xf5 ♗b7 4. ♗e6 ♗c6 5. ♗e7 ♗b7 6. ♗d6 ♗a8 7. ♖b8 ♗xb8
- 4) 1. ♖g3! (1. ♖g1 ♖e3) 1. ... ♗d6 2. ♗g4
- 5) 1. ♖c2 ♖xc2 2. d7 b1 ♖+ 3. ♗c7
- 6) 1. ♗c4 ♗c2 2. ♖g7! (2. ♗b5? ♗b3 3. ♖c1 ♖g7 4. ♗a5 ♖f6 5. ♗b5 ♖c3) 2. ... ♖e7 3. ♖f6! ♖d6 4. ♖e5!
- 7) 1. ♖g3+ (1. ♖g1 ♗f4 2. ♗e2 ♖e5 3. h4 gxf4 4. ♖h2+ ♗g5 5. ♖xe5 f4) 1. ... f4 2. ♖h4! gxf4 (2. ... ♗f5 3. h3

- ♖g6 4. ♖e2 ♖h5 5. ♙e1 ♙d8 6. ♖f1)
 8) 1. ♙xc6 ♙d3 2. ♙e8+ ♙g6 3. ♙c6! (3. ♙b5?? ♙f7!) 3. ... ♙e4 (3. ... ♙f7 4. ♙f3+ ♖g6 5. ♙e4+) 4. ♙e8+ ♙g6 5. ♙c6
 9) 1. c4! ♙a6 (1. ... ♙xc4! 2. ♙xc4 ♖b4 3. ♙a6! ♖c5 4. ♙xb7 ♖xb6 5. ♙c8) 2. c5 ♙xd3 stalemate
 10) 1. f3! ♙xf3 2. ♖f2 h2 3. ♙d1! ♙xd1 (3. ... h1♚ 4. ♙xf3+) 4. ♖g2
 11) 1. ♙g4! (1. ♙a6? ♙d7 2. ♙b5 ♙e6 3. ♙c6 ♖b4 4. ♙f3 ♖xc4! 5. ♙g4 ♖d5!) 1. ... ♖b4 2. ♙h5 ♙d7 3. ♙g4 ♙c6 4. ♙f3 ♙a4 5. ♙d1 ♙d7 6. ♙g4
 12) 1. ... ♙b4+ (1. ... d5 2. ♙xd4 ♙b4+ 3. ♙c3) 2. ♖d3 d5

83 Problems / Mate in two: A

- 1) 1. ♙d4 ♖a1 2. ♚xa3#
 2) 1. ♙h2 ♖c6 2. ♚b5#
 3) 1. ♙b2 a4 (1. ... b3 2. a4#; 1. ... ♖a4 2. ♚d7#) 2. ♚d5#
 4) 1. ♙d4+ ♖f4 2. ♚g4#
 5) 1. ♙e1 ♖g4 2. ♚f5#
 6) 1. ♚f3 ♖e1 (1. ... ♖c2 2. ♚d3#) 2. ♙b4#
 7) 1. ♚e3 a4 (1. ... ♖a4 2. ♚b3#; 1. ... c4 2. ♚e8#) 2. ♚xc5#
 8) 1. ♚c7 ♖a6 (1. ... ♖b4 2. ♚c5#) 2. ♙d3#
 9) 1. ♚c7 (1. ♙e2+ ♖a4 (1. ... ♖b6? 2. ♚c7#)) 1. ... ♖b4 (1. ... ♖a6 2. ♙e2#) 2. ♚c5#
 10) 1. ♖d4 ♖f2 2. ♚xe3#
 11) 1. ♖e5 ♖e2 2. ♚d3#
 12) 1. ♙g4 ♖d6 (1. ... ♖e4 2. ♚e3#; 1. ... ♖f4 2. ♚d4#; 1. ... ♖f6 2. ♚e7#) 2. ♚c7#

84 Problems / Mate in two: B

- 1) 1. ♚a6 bxa6 2. b7#
 2) 1. ♚g6 h6 2. ♚xh6#
 3) 1. ♚h3 g5 (1. ... g6 2. ♚d7#; 1. ... ♖g6 2. ♚f5#; 1. ... h5 2. ♚xh5#) 2. ♚f5#
 4) 1. ♚a1 e6 2. ♚a3#
 5) Drawing
 6) Drawing
 7) 1. ♖f4 h6 (1. ... f5 2. ♚g5#; 1. ... ♚a8 2. ♚xh7#; 1. ... ♖h4 2. ♚g4#) 2. ♚g4#
 8) Drawing
 9) Drawing
 10) 1. ♚e5 ♖xg6 (1. ... ♚a8 2. ♚xg7#; 1. ... h5+ 2. ♚xh5#; 1. ... ♖h8 2. ♚xh6#) 2. ♚f5#
 11) 1. ♚b1 ♚c8 2. ♚c7#
 12) 1. ♚c6 bxc6 (1. ... axb6 2. ♚a4#; 1. ... cxb6 2. ♚xc8#) 2. ♚b8#

85 Problems / Mate in two: C

- 1) 1. ♖d2 ♖b5 2. ♚c4
 2) 1. ♚c3 d1♚ (1. ... d1♖ 2. ♖g3#; 1. ... ♖d1 2. ♚xd2#) 2. ♚e3#
 3) 1. ♚d1 f3 2. ♚d2#
 4) 1. ♖b1 d4 2. ♚e2#
 5) 1. ♚g3 c3 2. ♚d3#
 6) 1. c4 a3 (1. ... ♖a6 2. ♚a8#; 1. ... ♖b4 2. ♚c3#) 2. ♚xa3#
 7) 1. ♖b5 f4 2. ♚e6#
 8) 1. ♚g4 c5 (1. ... ♖c5 2. ♚c4#) 2. ♚e4#
 9) 1. ♖e6 g3 2. ♚h8#
 10) 1. ♚f3 d6 (1. ... ♖d4 2. ♚f4#; 1. ... ♖d6 2. ♚f6#) 2. ♖c6#
 11) 1. ♖c4 ♖xd3 (1. ... ♖d5 2. ♚d6#; 1. ... exd3 2. ♚e5#) 2. ♚d2#
 12) 1. ♖c4 ♖a4 (1. ... ♖a6 2. ♚b7#; 1. ... ♖xc4 2. ♚d3#) 2. ♚d7#

87 Test / Mix: A

- 1) 1. ... ♚d3 2. ♚xd3 (2. ♙d2 ♚xg2#) 2. ... ♚xg2# (elimination of the defence: luring away + mate)
 2) 1. ♚xh4+ ♖xh4 (1. ... ♙xh4 2. ♖f5+ ♖h3 3. ♙g2#) 2. ♖f5+ ♖h5 3. ♙f7# (mate in three: access)
 3) 1. ♙f4 (1. ♙xb7 ♙c5) 1. ... ♙d6 2. ♙xb7 (pin + elimination of the defence: luring away + material)
 4) 1. ... ♖f3+ 2. gxf3 ♙xc3+ (discovered check: access)
 5) 1. ... ♙xe3 2. ♖xe3 (2. ♚xe3 ♚xf5) 2. ... ♚f3 (double attack: elimination of the defence)
 6) 1. e6 fxe6 2. ♚b2 (attacking the king: line clearing)

- 7) 1. ♖fd1 ♗xf4 2. ♜xd8+ ♜c7 3. ♜e6+
- 8) 1. ... ♙xg1 2. ♙xe6 (2. ... ♙xh3 3. ♜hxg1 g4 h5 4. ♜g3 hxg4) 2. ... ♙d4
- 9) 1. ♜eg5+ ♜g8 (1. ... fxg5 2. ♜e5+) 2. ♗xe6+ / 2. ♜xe6 (double attack: elimination of the defence)
- 10) 1. ... ♙f2 2. ♗f4 (2. ♗xf2 ♗xh2#; 2. ♜xf2 ♗d1+) 2. ... ♙e3 (elimination of the defence: luring away + mate)
- 11) 1. ♙xe5 ♙xe5 2. ♗a5+ ♜d7 3. ♗xe5 (pin: back piece chasing + a pinned piece is not a good defence.)
- 12) 1. ♗xh6+ ♜xh6 2. ♜xg6+ ♜h7 3. ♜a3 (attacking the king: access)

88 Test / Mix: B

- 1) 1. ... ♜h4+ 2. ♜g1 (2. gxh4 ♗g4+ 3. ♜h1 ♜xf1+) 2. ... ♗xf1+ 3. ♜xf1 ♜xf1# (attacking the king: access)
- 2) 1. ♜f3 ♗xd3 2. ♜xe7+ (in between move)
- 3) 1. f4 (1. ♜ae1 ♜a2) 1. ... d6 (1. ... ♗d4+ 2. ♗xd4+) 2. e5 dxe5 3. ♗xc3 (elimination of the defence: in between move)
- 4) 1. ... ♗e1+ 2. ♜g2 ♗h1+ 3. ♜xh1 ♙f3+ 4. ♜g1 ♜c1# (attacking the king: mating pattern: back rank)
- 5) 1. a5 ♗a7 (1. ... ♗a5 2. ♜b3) 2. ♜b3 (pin: back piece chasing + attack on a pinned piece)
- 6) 1. ♜xg7+ ♜xg7 2. ♗g3+ ♜f8 (2. ... ♜h8 3. ♜xf7#) 3. ♙h6# (attacking the king: access)
- 7) 1. ♜g5 ♙f5 (1. ... c5 2. ♗e4) 2. ♗d5+ (double attack: chasing)
- 8) 1. ... ♗d3 2. ♙xd3 ♜xd3+ 3. ♜b1 ♜xf2+ (double attack: luring)
- 9) 1. ♜e6 (1. ♜h3 ♙f5) 1. ... ♙xe6 2. ♗xh7+ ♜xh7 3. ♜h3+ (attacking the king: access)
- 10) 1. ♜f6 ♜xf6 (1. ... ♜xf6 2. ♜e7+; 1. ... ♙xf6 2. ♗xe6+ ♗f7 3. ♜xf6+ ♜xf6 (3. ... ♜f8 4. ♙h6+ ♗g7 5. ♜xd7#) 4. ♗xc8+) 2. ♗xe6+ ♜g7 3. ♗xc8 (attacking the king)
- 11) 1. ♗d4 ♗e7 2. ♗b6 ♗xd7 (2. ... a4 3. ♙g5 ♙xg5 4. ♗xd8+ ♗xd8 5. fxg5) 3. ♗xf6 (cashing in on a passed pawn)
- 12) 1. ♜g5+ (1. ♜f8+? ♜h6 2. ♜e6 ♜h5) 1. ... ♙xg5 (1. ... ♜h6 2. ♜h8+ ♜xg5 3. h4#) 2. ♜f7 b1♗ 3. ♜h8# (mate in the endgame: blocking)

89 Test / Mix: C

- 1) 1. ♙xh7+ ♜xh7 2. hxg5+(in between move)
- 2) 1. b5+ cxb5 2. ♜c6 b4+ 3. ♜xb4+ (exploiting vulnerability: poorly positioned pieces)
- 3) 1. ... ♜a1 2. ♗e2 ♗g1+ 3. ♜xg1 ♜xg1# (exploiting vulnerability: superiority of attackers)
- 4) 1. ♜f5 exf5 2. exf6 g6 3. ♗h6 (attacking the king: elimination of the defence)
- 5) 1. ♙h7+ ♜h8 2. ♜f7+ ♜xf7 3. ♜e8+ ♜f8 4. ♜xf8# (attacking the king: superiority of attackers)
- 6) 1. ♙xc7+ ♜xc7 2. ♗e8+ ♜xe8 3. ♜b8+ ♜c8 4. ♜xc8# (attacking the king: mating pattern: back rank)
- 7) 1. ♙xd6 ♗xd6 2. ♜b5 (2. ♜e4) 2. ... axb5 3. ♜xc8+ ♜e7 4. ♜xh8 h6 5. ♗xb5 (discovered attack)
- 8) Drawing
- 9) Drawing
- 10) 1. ♗xh6+ ♙xh6 2. ♜xh6+ ♜g8 3. ♙a2+ ♜f8 4. ♜h8# (mate in four)
- 11) 1. ♜e2! (1. e5 c5 2. e6 c4 3. e7 c3 4. e8♗ c2+; 1. ♜d2 ♜b2 2. e5 (2. ♜d3 ♜b3 3. ♜d4 ♜b4 4. e5 c5+ 5. ♜e3 ♜b5) 2. ... c5 3. e6 c4 4. e7 c3+) 1... ♜b2 (1. ... c5 2. ♜d3) 2. e5 c5 3. e6 c4 4. e7 c3 5. e8♗ c2 6. ♗b5+ ♜c1 7. ♜e3 2. e5 (Iriarte 2000) (pawn race: avoiding tempo gain)
- 12) 1. ... ♜xf3+ 2. gxf3 (2. ♗xf3 ♗a5+ 3. ♜f1 ♗a6+) 2. ... ♗xd1+ 3. ♜xd1 0-0-0+ (double attack: luring)

90 Test / Mix: D

- 1) 1. ♜e6 dxe6 2. ♗xe6+ ♜f7 3. ♜xd8+ (discovered attack: elimination of the defence)
- 2) 1. ... ♗f7+ 2. ♜h4 ♜xf5 (discovered attack: setting up the battery)
- 3) 1. ♗g7+ ♜xg7 2. hxg7+ ♜xg7 (2. ... ♜h8 3. ♜h8+ ♜xg7 4. ♙f6#) 3. ♙f6+ ♜f8 4. ♜h8# (attacking the king: mating pattern: ♜♙)
- 4) 1. ♙xd5 cxd5 (1. ... exd5 2. ♗f5) 2. ♗a4+(elimination of the defence: access)
- 5) 1. ... ♙xd4+ 2. ♗xd4 ♜e2+ 3. ♜f1 (3. ♜xe2 ♗e1#) 3. ... ♜xd4 (discovered attack)
- 6) 1. ♜d4 ♜xd4 2. ♜xe7+ ♜g7 3. ♗xd4+ (elimination of the defence: luring away + material in between move)
- 7) 1. ♜b8+ (1. ♜d6 ♜c8) 1. ... ♜f7 2. ♜b7 ♜e7+ 3. ♜d6 (Prokes 1951) (create a passed pawn)
- 8) 1. ... ♜xf2 2. e3 (2. ♜xf2 ♗xb2 3. ♗xb2 c1♗+) 2. ... ♜h3+ 3. ♜g2 ♗xd3 4. ♜xh3 ♗xf1+ (cashing in on a passed pawn)
- 9) 1. f6 ♙xg3 (1. ... ♗xd6 2. ♗g7#; 1. ... ♗xf6 2. ♜xe8#) 2. fxe7+ ♜xe7 3. ♜f5+ (in between move)
- 10) 1. ♜a7 ♗xa7 2. d7 (elimination of the defence: + mate)
- 11) 1. ... ♙h4 2. ♗xh4 (2. ♜g3 ♜xh2) 2. ... ♗h5 3. ♗xh5 (3. ♗g3 ♗xh2+ 4. ♗xh2 ♜f2#) 3. ... ♜f2# (attacking the king: elimination of the defence)
- 12) 1. ... ♗xd4 2. ♜ad1 f5 (2. ... ♜xb3? 3. ♜xd4 ♜xd4 4. ♙h6) 3. ♗g3 ♜xb3 (winning material thanks to in between move)

91 Test / Mix: E

- 1) 1. g4 ♖h4 2. g5 (discovered attack: target piece chasing)
- 2) 1. ... ♙g4 2. ♜e3 ♙xc3 (elimination of the defence: luring away + material)
- 3) 1. ♖xb6 ♖xb6 2. ♜d7+ ♙e8 (2. ... ♙g8 3. f7+ ♙h8 4. ♙g7+) 3. ♜e7+ (3. ♜fd1 ♖c5 4. f7#) 3. ... ♙d8 4. ♜d1+ (elimination of the defence: capturing + mate)
- 4) 1. ♜e6 ♖xc2 (1... ♖xe6 2. ♜h8#) 2. ♜h8# (attacking the king: mating pattern: ♜♔)
- 5) 1. ... ♙d8 2. ♜d7 ♜xd4 3. ♜xd4 ♙b6 (pin: front piece luring + attack on a pinned piece)
- 6) 1. ... h6 2. ♖xh6 ♜xf1+ 3. ♙h2 ♔g4+ (double attack: luring + chasing)
- 7) 1. ♔b5 axb5 2. ♙b6 (trapping)
- 8) 1. ♙xc6 bxc6 (1. ... ♖xc6 2. ♜xe7) 2. ♔e5 ♙xd1 3. ♔xd7 (discovered attack: elimination of the defence)
- 9) 1. ♔fxe5 (1. ♔cxe5 ♙xe5) 1. ... ♙xe5 2. ♙a3 ♖f6 3. ♔xe5 ♖xe5 4. ♙xf8 ♙xf8 5. ♖xh7 (X-ray attack: elimination of the defence)
- 10) 1. ♜f7! (1. ♙xg6 ♜e7) 1. ... ♙xf7 2. ♖xh7+ ♙f8 3. ♙xg6 (attacking the king: bringing in pieces)
- 11) 1. ♜e2 ♖xe2 2. ♖d8+ ♜xd8 3. ♜xd8# (elimination of the defence: luring away + mate)
- 12) 1. ♜e6 (1. ♜e8+ ♙h7 2. ♖a8 g5) 1. ... ♖g5 2. ♜e8+ (elimination of the defence)

92 Test / Mix: F

- 1) 1. ♔f6+ ♙xf6 (1. ... ♙h8 2. ♖xf7) 2. ♜xf8+ (elimination of the defence: luring away + material)
- 2) Drawing
- 3) Drawing
- 4) 1. ♙xf6 ♙xf6 2. ♖h7 g6 3. hxg6 (attacking the king: elimination of the defence)
- 5) 1. ... g5 2. ♔f3 ♙g4 (pin: front piece chasing + attack on a pinned piece)
- 6) 1. ... ♖f3 2. ♖xf3 ♔xf3+ 3. ♙f2 ♔xd2 (double attack: luring)
- 7) 1. ♖h6 ♖xe5 2. ♖xh7+ ♙xh7 3. ♙g2# (attacking the king: mating pattern: ♖♜)
- 8) 1. ♖xf7+ ♔xf7 2. ♜g8+ ♙h6 3. ♔xf7# (mate in three)
- 9) 1. ... ♜gc8 2. ♜f1 ♖xa1 (elimination of the defence: mating pattern back rank)
- 10) 1. ♜xd5 ♖xe5 2. ♜xd8+ ♜xd8 3. ♙xe5 (elimination of the defence: capturing + material in between move)
- 11) 1. f4 h6 2. fxe5 hxg5 3. exf6+ (attack on a pinned piece)
- 12) 1. ♖h5 gxh5 2. ♜xh6+ ♙g8 3. ♜h8# (attacking the king: access)

93 Test / Mix: G

- 1) 1. ♜e1 ♜xe1 (1. ... ♙xd3 2. ♜xf8) 2. ♜xf5 (elimination of the defence: luring away + material in between move)
- 2) 1. e5 dxe5 2. ♙xf6 (elimination of the defence: capturing + material)
- 3) 1. ♖e6+ fxe6 (1. ... ♔xe6 2. ♔xe5#) 2. ♙xe6+ ♔xe6 3. ♔xe5# (mate in three: access)
- 4) 1. ♔xd4 exd4 2. e5 (attack on a pinned piece)
- 5) 1. ... ♖h4 2. gxh4 ♔h3# (attacking the king: access)
- 6) 1. ♜xf6 gxf6 2. ♖xf6+ ♙g7 3. ♖f8+ ♜xf8 4. ♜xf8# (attacking the king: access)
- 7) 1. 0-0-0 ♜fb8 2. ♜xh7+ ♙xh7 3. ♜h1+ (double attack: material + threat)
- 8) 1. ♖b4 (1. ♙xe7+ ♙xe7 2. ♔c3 ♖xf1+) 1. ... ♙xg5 2. ♖d6+ (attack on a pinned piece)
- 9) 1. ♜xc4 ♖xc4 (1. ... ♜d1+ 2. ♜c1) 2. ♖xd8+ (elimination of the defence: luring away + mate)
- 10) 1. ♔g5 ♖d7 2. g4 h6 3. ♔h3 ♔xf4 4. ♔xf4 ♙xe5 5. ♔xg6 (trapping)
- 11) 1. ♖d7 ♙xd7 (1. ... ♖e6 2. ♖d8+) 2. ♜a8+ (elimination of the defence: luring away + mate)
- 12) 1. ... ♙h8 2. ♖f7 ♔e5 (trapping)

94 Test / Mix: H

- 1) 1. ♔d6+ ♙f8 (1. ... ♔xd6 2. ♖xh4) 2. ♔xf5 gxf5 (2. ... ♖xf4 3. ♜d8#) 3. ♖xh4 (elimination of the defence: capturing + material)
- 2) 1. ♔d5 ♔xf2 2. ♖xb3 ♖d7 3. ♜xf2 (discovered attack)
- 3) 1. d7+ ♔xd7 (1. ... ♙d8 2. ♖c8+ ♜xc8 3. dxc8#) 2. ♖c8+ ♜xc8 3. ♜xc8# (mate in three)
- 4) 1. ♖b3+ ♙a8 2. ♖xf7 (elimination of the defence: luring away + mate in between move)
- 5) 1. ... ♙xf2+ (1. ... ♙f8? 2. ♖f5+ ♙g8 3. ♖e6+ ♙h7 4. ♖f7) 2. ♙xf2 (2. ♙h1 ♔e3+ 3. ♖f3 ♜xf1#; 2. ♙g2 ♔e3+ 3. ♙xf2 ♔xg4+) 2. ... ♜xf1+ 3. ♙xf1 ♔e3+ (double attack: luring)
- 6) 1. ... ♔xc3 2. bxc3 ♖xc3+ (attacking the king: access)
- 7) 1. ♙c5! ♜a1 (1. ... ♜d3 2. b3+! (2. ♜xd3=) 2. ♙c4! ♜a2 3. ♜c1! (Afek 1998) (attack in the endgame)
- 8) 1. ♙b5+ ♙c6 2. ♖xd5 exd5 3. ♙xc6+ ♔xc6 4. ♔xc5 (elimination of the defence: capturing + material)
- 9) 1. ♔d7+ ♙xd7 2. ♔xd5 (attacking the king: elimination of the defence)
- 10) 1. Dh3 g6 (1. ... h6 2. ♖f5 g6 3. ♖xg6) 2. ♙xg6 (attacking the king: provoke weakening)

11) 1. ♖d5 ♜e4 2. ♖d8+ (discovered attack: setting up a battery; target piece chasing)

12) 1. ... ♜f6 2. ♜xa8+ ♔e7 (attacking the king: bringing in pieces)

95 Test / Mix: I

- 1) 1. ♕c3+ ♜xc3 2. ♜f6+ ♔g8 3. ♖e7 (elimination of the defence: luring away + mate)
- 2) 1. ... ♜e2+ 2. ♔h1 ♜xe3 3. fxe3 ♜xg3+ (elimination of the defence: luring away + mate)
- 3) 1. ... ♖c1 2. ♖xd4 (2. ♜xc1 ♜xf2+ 3. ♔h1 ♜xg2#) 2. ... ♖xe1+ 3. ♔h2 ♖xd4 (elimination of the defence: luring away + mate)
- 4) 1. ... ♖xb5 2. axb5 ♜d3+ (double attack: elimination of the defence)
- 5) 1. ♜e4 dxe4 2. ♕xh6+ (discovered attack)
- 6) 1. ♕b5 ♕xb5 2. ♜c8# (discovered attack)
- 7) 1. ♜f5 ♜e4 (1. ... ♕e5 2. ♜e7+) 2. ♕e7 (elimination of the defence: chasing away + material)
- 8) 1. ... ♜xe4 2. ♕xe7 ♜xe7 3. ♜xe4 ♜b4+ 4. c3 ♜xc4 (discovered attack and double attack)
- 9) 1. ... ♜f3+ 2. ♔h3 ♕c4 3. f8♜ ♕f1# (mate in three)
- 10) 1. ... e5 2. fxe5 dxe5 3. ♜f5 ♕xf5 4. exf5 e4 (trapping)
- 11) 1. ♖e8+ ♖xe8 2. ♜xg7+ ♔xg7 3. ♜e8+ (double attack: luring)
- 12) 1. ♜h4 ♜g6 (1. ... ♖a7 2. ♖xf8+) 2. ♕xg6 (elimination of the defence: luring away + mate)

96 Test / Mix: J

- 1) 1. ♕d4 ♜xe2 (1. ... ♜b8 2. ♜xe8+ ♜xe8 3. f7+ ♜e5 4. ♕xe5#) 2. f7+ ♜e5 3. ♕xe5+ ♖xe5 4. f8♜# (elimination of the defence: luring away + mate)
- 2) 1. ... ♜d4 2. exd4 exd3+ (discovered check: access)
- 3) 1. ♕g5 ♜e8 2. ♕xh6 (double attack: chasing + elimination of the defence)
- 4) 1. ♜d6+ ♔b8 2. ♜xc7+ ♔xc7 3. ♜xa6# (attacking the king: mating pattern: ♜♜)
- 5) 1. ♖b8+ ♔xb8 2. ♕xd6+ ♔c8 3. ♜b6+ ♔d8 4. ♕c7# (magnet)
- 6) 1. ... ♖xd2 2. ♖xd2 ♜xe3+ (double attack: luring)
- 7) 1. ... ♜g1+ 2. ♜xg1 ♖xg1+ 3. ♔xg1 ♜e2+ 4. ♔f2 ♜xf4 (double attack: luring)
- 8) 1. ♜f8+ ♔b7 2. ♜d6+ ♔a6 3. ♜c8# (mate in three: access)
- 9) 1. ... ♜xd5 2. exd5 e4 3. ♕xg7 (3. dxe4 ♕xb2) 3. ... exf3 (discovered attack)
- 10) 1. ... ♜xh2+ 2. ♔xh2 ♕xe5+ 3. ♔g1 ♖xa7 (in between move)
- 11) 1. ... g5 2. ♕xg5 ♕xh6 3. ♕xh6 ♜b6+ (double attack: line clearing + luring)
- 12) 1. ... ♖e5 2. ♕e4 (2. ♔g1 ♖e2; 2. ♜c2 ♖xf5+ 3. ♔e2 ♜xg2+) 2. ... ♖xe4 (pin: target piece luring)

97 Test / Mix: K

- 1) 1. ♖c8+ ♔f7 2. ♖xc4 (double attack: chasing + luring)
- 2) 1. ♕xf7+ ♔xf7 2. ♖xd7+ ♕xd7 3. ♜xc5 (elimination of the defence: capturing + material in between move)
- 3) 1. ... ♕e2 2. ♕xf3 (2. ♖g1 ♖xg2 3. ♖xg2 ♜f1+ 4. ♖g1 ♕f3+) 2. ... ♕xf3+ 3. ♜g2 ♖xg2 4. ♖f1 dxe4
- 4) 1. ♜c4 ♕e6 2. ♜xc5 (elimination of the defence: luring away + material)
- 5) 1. ... ♖a2 2. ♕f3 (2. ♖b6 ♖a7) 2. ... ♖xa6 (pin: a pinned piece is not a good defender)
- 6) 1. ♖d8+ ♔xd8 2. ♜f7+ (double attack: luring); 1. ... ♕xd8 2. ♜xe5 (elimination of the defence: luring away + material); 1. ... ♔e7 2. ♜xe5 ♕xe5 3. ♖xh8
- 7) Drawing
- 8) Drawing
- 9) 1. ♜xh5 gxh5 2. ♜xf7+ ♔h7 3. ♖g7# (attacking the king: access)
- 10) 1. ... b6 2. ♕xb6 ♕a6 (X-ray attack: line clearing)
- 11) 1. ... ♖d3 2. ♜a4 (2. ♖xd3 ♜f1#; 2. ♖e1 ♖d2 3. ♜e2 ♖xe2) 2. ... ♖d2 (elimination of the defence: luring away + mate)
- 12) 1. ... h6 2. ♕e7 ♔f7 (pin: front piece chasing + attack on a pinned piece)

98 Test / Mix: L

- 1) 1. ... ♕xg4 2. ♜xh4 ♜d3# (mating pattern: ♕♜)
- 2) 1. ♜c6 ♜d7 2. ♜xd5+ ♜xd5 (double attack: targeting + luring)
- 3) 1. f4 ♕xf4 2. h5+ ♔g5 3. ♖g8# (mate in the endgame: blocking)
- 4) 1. ♖xd7+ ♖xd7 2. ♜e6+ ♔b8 3. ♖xd7 (elimination of the defence: chasing away + material)
- 5) 1. ... ♜xf2+ (1. ... ♖xb2? 2. ♖a8+) 2. ♔xf2 (2. ♜xf2 ♖xc1+ 3. ♜e1 ♖xe1+ 4. ♔f2 ♖f1+ 5. ♔e2 ♖b2+ 6. ♔d3 g6) 2. ... ♖xb2+ 3. ♕c2 (3. ♔f3 ♖xc1) 3... ♖cxc2+ 4. ♖xc2 ♖xc2+ (in between move)
- 6) 1. ... ♜e4 2. ♜e1 (2. fxe4 ♕g5) 2. ... ♜f2 (discovered attack)
- 7) 1. ♕g6 ♖f8 2. ♕xf7 (double attack: luring)

- 8) 1. ♖d5 ♗d6 2. ♗h5 ♕b4+ 3. ♖d1 c6 4. ♕xe5 (pin: back piece chasing + attack on a pinned piece)
- 9) 1. ♗xe5 ♕xe5 2. ♜xd8 ♜axd8 3. ♕xc4 (elimination of the defence: capturing + material)
- 10) 1. ... ♜g4 2. ♕xg4 ♖xg4 3. f4 ♕xg5 (double attack)
- 11) 1. h6 g6 (1. ... ♖xe4 2. h7+ ♖h8 (2. ... ♖f8 3. h8♗#) 3. ♖xf7#) 2. h7+ ♖g7 3. ♗h4 (attacking the king)
- 12) 1. ... ♜xd1+ 2. ♕xd1 ♗xe3 3. exf6 ♗e1+ (elimination of the defence: capturing + material)

99 Test / Mix: M

- 1) 1. ... ♕xb5 2. axb5 ♖xc7 3. ♜xa8 ♖xa8 (elimination of the defence: capturing + material)
- 2) 1. ♜xa6 bxa6 2. ♕c6 (trapping)
- 3) 1. ♗xf6+ ♗xf6 (1. ... ♖xf6 2. ♖h5#) 2. ♖h5+ (double attack: luring)
- 4) 1. ... ♖a2 2. ♖ef3 ♖c3 (in between move)
- 5) 1. ♖d6 ♜f8 2. ♖f7+ (elimination of the defence: luring away + mate)
- 6) 1. ... gxf4 2. ♕xf4 e5 3. ♕g3 f4 (double attack: luring + chasing)
- 7) 1. ... ♗c6 2. ♖f1 (2. f3 ♗c1+ 3. ♖f2 ♗xd2+) 2. ... ♗c1+ (double attack: threat + threat)
- 8) 1. ♕b5 axb5 2. ♗b8+ ♜c8 3. ♗xa7 (double attack: elimination of the defence)
- 9) 1. ... ♖g4 2. ♗f3 ♗xd4+ (discovered attack)
- 10) 1. ... ♕c5 2. ♖xc5 ♜xe1+ 3. ♗xe1 ♗xg2# (elimination of the defence: luring away + mate)
- 11) 1. ♗f5 g6 2. ♗xd7 (double attack: elimination of the defence + luring)
- 12) 1. ... ♗b4 2. ♕d3 (2. ♗xb4 cxb4) 2. ... ♗xb3

100 Test / Mix: N

- 1) 1. ... ♗c3+ 2. ♗xc3 ♕xc3+ 3. ♕d2 ♕xa1 (double attack: luring)
- 2) 1. ♕g5 h6 2. g4 (trapping)
- 3) 1. ♗g6 ♖e6 2. ♜xh7# (mate)
- 4) 1. b4 ♗xb4 2. ♜b1 ♗a5 3. ♜b5 (elimination of the defence: chasing away + material)
- 5) 1. e4 ♖cxe4 (1. ... ♕g6 2. e5) 2. ♕xe4 ♕xe4 3. ♕xf6 (elimination of the defence: capturing + material)
- 6) 1. ♗g2 ♜xg3 2. ♗a8+ (double attack: material + threat)
- 7) 1. ♜xg7+ ♖h8 2. ♜g8+ ♖xg8 (2. ... ♜xg8 3. ♗c3+ ♜g7 4. ♜xd5) 3. ♗g3+ (in between move)
- 8) 1. ♜xd7 ♜xd7 2. ♕xf6+ ♗xf6 3. ♗g4+ (double attack: luring + elimination of the defence)
- 9) 1. ♖fg5 fxg5 2. ♖f6 ♕xf6 3. ♕e4 (attacking the king: elimination of the defence blocking)
- 10) 1. ♕e4 a6 (1. ... ♕xe4 2. ♗c8+ ♗f8 3. ♗xf8#; 1. ... ♗xe4 2. ♗xg7#; 1. ... ♖f3+ 2. ♕xf3 ♕xf3 3. ♗c8+ ♗f8 4. ♗xf8#) 2. ♕xb7 ♗xb7 3. ♗xe1 (elimination of the defence: luring away + material)
- 11) 1. ♖de6 (1. ♖fe6 fxe6 2. ♖xe6 ♗c8) 1. ... fxe6 2. ♕xe6+ ♖h8 3. ♖g6+ ♖h7 4. ♖f8+ ♖h8 5. ♗h7+ ♖xh7 6. ♖xh7 (attacking the king: elimination of the defence)
- 12) 1. ♖g7+ (thanks to double pin) 1. ... ♖e7 (1. ... ♗xg7 2. ♗xe6+) 2. ♗xf7+ ♖xf7 3. ♖xe6 (double attack: elimination of the defence)

101 Test / Mix: O

- 1) 1. ... ♗xf2+ 2. ♖xf2 ♖xe4+ (double attack: luring + back piece luring)
- 2) 1. ♖d7 ♕xd7 (1. ... ♜axd7 2. ♜xh3#) 2. ♜f3 ♕e6 3. ♜fxh3+ ♖g8 (3. ... ♕xh3 4. ♜xh3#) 4. ♜h8#
- 3) 1. ♖f5 ♗c7 2. ♖xd6 ♗xd6 3. ♕f4 (X-ray attack: luring)
- 4) Drawing
- 5) 1. cxd6 ♕xd6 2. ♖f6+ ♖h8 3. ♗xd4 (elimination of the defence: luring away + material)
- 6) 1. ... ♗b5 2. b3 ♗xa4 (2. ... ♕a3+ 3. ♖b2 ♖b6 is good but less compelling) (elimination of the defence: chasing away + mate)
- 7) Drawing
- 8) 1. ♗f2 ♖c6 (1. ... e5 2. ♗f8+ ♖e6 3. ♗g8+) 2. ♗h4+ (attacking the king: bringing in pieces)
- 9) 1. ♗xh6 f6 (1. ... gxh6 2. ♜dg4+ ♖h7 3. ♜xh6#) 2. ♗h7+ ♖f7 3. ♜xd7+ (attacking the king: access)
- 10) 1. ... ♕g1 2. ♖a5 ♗g4+ 3. ♜xg4 hxg4# (threaten to mate)
- 11) 1. ♖b7 ♖c8 2. ♜xd7+ ♜xd7 3. ♖e6+ ♖xb7 4. ♜xd7+ (double attack: elimination of the defence)
- 12) 1. ♗xh7 ♖c6 2. ♗g6+ (elimination of the defence: capturing + mate)

102 Test / Mix: P

- 1) 1. ... ♗xg3 2. ♗xg3 ♜xf1+ (elimination of the defence: capturing + material)
- 2) 1. ♖d5 cxd5 (1. ... ♜he8 2. ♖e7+) 2. ♜c2+ (attacking the king: bringing in pieces)
- 3) 1. ♜d8+ ♖xd8 2. ♕xc5 (in between move)
- 4) 1. ... ♗g1+ 2. ♖b2 a3+ 3. ♖xa3 ♗c1# (mate in three)
- 5) 1. ... ♕xd2+ (1. ... a6 2. ♗xb4 ♖xb4 3. ♕xb4) 2. ♖bxd2 a6 (trapping)

- 6) 1. ... ♗d4 2. ♗e3 ♗xe3 3. ♜xe3 d4 (double attack: luring)
- 7) 1. ♗d4 (1. ♜xf5? ♗xg2+) 1. ... ♜xd4 2. ♜xf5 (in between move)
- 8) 1. ... ♗e2 2. ♗xd4 (2. ♜d2 ♗xf3) 2. ... ♗xd1 (double attack)
- 9) 1. ♗b6+ ♜xb6 2. ♜g4+ ♗b8 3. ♜xd8+ (elimination of the defence: chasing away + material)
- 10) 1. ... ♜xb3 2. ♜xb3 ♗d2+ (double attack: luring)
- 11) 1. ♜xb7+ ♜xb7 2. ♗xa6 (pin: front piece luring + attack on a pinned piece cross pin)
- 12) 1. ♗xc5 dxc5 2. ♜f4 (double attack: line clearing)

103 Test / Mix: Q

- 1) 1. ♗e7+ ♗b8 2. ♜xd8+ ♜xd8 3. ♜xd8# (elimination of the defence: chasing away + material)
- 2) 1. ... ♗xc3 2. ♜xb4 ♜e2+ (elimination of the defence: capturing + material)
- 3) 1. ... ♜e3 2. ♜b7+ (2. ♜5xe3 ♜f2+ 3. ♗h1 ♜h2#) 2. ... ♗h8 3. ♜f1 ♜xe5 (elimination of the defence: luring away + mate)
- 4) 1. ... ♜xd2+ 2. ♗xd2 ♜8e2+ 3. ♗c3 (3. ♗c1 ♜c2+ 4. ♗b1 ♜xd1#) 3. ... ♜c2# (mate in three)
- 5) 1. ♗b5+ (1. ♜xh6 ♗xe4) 1. ... ♗f8 (1. ... ♜xb5 2. ♜xc8#; 1. ... ♜c6 2. ♜c8#) 2. ♜xh6+ ♗g8 3. exd5 ♜xb5 4. ♜d3 (in between move)
- 6) 1. f5 exf5 2. e6 ♜d6 3. gxf5 (trapping)
- 7) 1. ... e2+ (1. ... ♜xc3 2. d8♜+) 2. ♗xe2 ♜d4+ 3. ♜xd4 ♜c1# (elimination of the defence: luring away + mate)
- 8) 1. ♜c8 ♗c6 2. ♜xa8 (elimination of the defence: luring away + material)
- 9) 1. ... cxd4 2. ♗xd4 ♗c5 3. ♗xc5 ♜xd3 4. ♗xe7 b5 (double attack: square clearing)
- 10) 1. ♜f5 (1. ♜xb4? ♜c3+ 2. ♗xc3=) 1. ... ♗b6 (1. ... ♜xf5? 2. ♗xc7#) 2. ♜xc5 ♗xc5 3. ♗e7+ ♗d5 4. ♗xb4
- 11) 1. ... ♜c6 2. e4 ♜a8 (double attack: threat + threat)
- 12) 1. ♗b5 (1. ♜xe6+ ♜xe6 2. ♜xe6 ♗c7) 1. ... ♜c8 2. ♜xe6+ ♜xe6 3. ♜xe6 (in between move)

104 Test / Mix: R

- 1) 1. e5 dxe5 2. ♜xd8 ♜axd8 3. ♗xf6 (elimination of the defence: capturing + material)
- 2) 1. ♗d5 ♗g8 2. ♜xf7 (discovered attack)
- 3) 1. ♜f2 ♗g6 2. ♜f7+ ♗xf7 3. exf7# (mate in three)
- 4) 1. ♗g6+ ♜xg6 2. ♜xe7 ♗xf5 3. ♜h7# (attacking the king)
- 5) 1. ... ♗h6 2. ♜xc3 dxc3 3. ♜xc3 ♗d2 4. ♜c2 ♜xd3 (elimination of the defence: chasing away + material)
- 6) 1. ♜xc6 ♗xc6 2. ♗g6+ (discovered attack: elimination of the defence)
- 7) 1. ♜c8+ ♜xc8 2. ♜xc8+ ♜f8 3. ♗xd6 (elimination of the defence: luring away+ material)
- 8) 1. ♜b4 ♜xb4 2. ♗b3+ ♜xb3 (2. ... ♗xb3 3. ♜c2+ ♗a2 4. b3+ ♗a3 5. ♜b2#) 3. ♜b1# (defend against mate)
- 9) 1. ♜b6 ♜d6 (1. ... ♜d7 2. ♜a7 b6 3. ♗c4) 2. ♜xb7+ ♗d7 (attacking the king)
- 10) 1. g4 ♗g6 2. ♗g5 (trapping)
- 11) 1. ♜h3 ♗xf7 2. ♜h7+ ♗e8 3. ♜g8+ (X-ray attack: luring + chasing)
- 12) 1. b3 ♜b5 2. ♗c7 (double attack: chasing)

105 Test / Mix: S

- 1) 1. ♗g5+ f6 2. ♗xf6+ (X-ray check: elimination of the defence)
- 2) 1. ♗a4 b5 2. ♗b6+ (elimination of the defence: chasing away + material)
- 3) 1. ... ♗xd4 2. ♜xb6 ♗xc3+ (in between move)
- 4) 1. ♜d4+ ♗d6 (1. ... ♗c8 2. ♜xh8+) 2. ♜g4+ ♗d8 3. ♗xg5+ (attacking the king: bringing in pieces)
- 5) 1. ... d5+ 2. ♗xd5 ♜f3+ 3. ♗xf3 ♗xd5# (mate in three)
- 6) 1. ♜xd8 ♜axd8 2. ♜xd8 ♗xd8 (2. ... ♜xd8 3. ♜xe7) 3. ♜xe8+ (exploiting vulnerability: poorly positioned pieces)
- 7) 1. ♜xh7 ♜xh7 2. ♜e8+ ♗d7 3. ♜1e7# (elimination of the defence: luring away + mate)
- 8) 1. ... ♗xg3 2. hxc3 ♜xd1+ (discovered attack)
- 9) 1. ♗e4 ♜f7 2. ♗xd2 (double attack: targeting)
- 10) 1. ♗g3 ♗g7 (1. ... ♗xg3 2. ♜b2+) 2. ♜xg8+ ♗xg8 3. ♗xb8 (attacking the king: elimination of the defence)
- 11) 1. ... ♗g4 2. ♜e1 (2. ♗c3 ♗xd1) 2. ... ♗xd4 (elimination of the defence: chasing away + material)
- 12) 1. ♜a8+ ♗xa8 2. ♗d6+ ♗b8 (2. ... ♗d8 3. ♗b6#) 3. ♗a7# (mate in three: square clearing)

106 Test / Mix: T

- 1) 1. e5 (1. fxc4? ♗xh2+) 1. ... fxe5 2. fxc4 (double attack: elimination of the defence)
- 2) 1. ♗d5 ♜d2 (1... ♜a4 2. ♜h5 ♗g7 3. ♜g4+ ♗h8 4. ♗g6; 1. ... exd5 2. ♗g8) 2. ♜e3 ♗e5 (2. ... exd5 3. ♗g8) 3. ♜h6 (attacking the king: elimination of the defence)
- 3) 1. ♜h8+ ♗xh8 2. ♗h5+ ♗d8 3. ♜f8+ (attacking the king: access)

- 4) 1. ... e2+ 2. ♖h1 ♕f2 3. ♚xe2? ♚xc1+ (cashing in on a passed pawn)
- 5) 1. ... ♗xd4 (1. ... ♗xd5 2. ♕xc6 bxc6 3. exd5 cxd5) 2. ♕xd7+ ♗xd7 (discovered attack)
- 6) 1. ♚h3 h6 2. ♗d2 ♖h7 3. ♗xd7 (double attack: material + threat)
- 7) 1. ♚d6 ♗xc4 2. ♗xe6+ (attacking the king: elimination of the defence)
- 8) 1. ♖d2 ♚fd8 2. ♚a1 (trapping)
- 9) 1. ♕c4 ♗a4 2. ♕b5 ♗a2 3. ♗c8# (double attack: chasing and material + threat)
- 10) Drawing
- 11) 1. ♚g3 ♗e6 2. ♕xf7 ♗xf7 3. ♚f3 (attacking the king: bringing in pieces)
- 12) 1. ♗b3 ♗xb3 (1. ... b6 2. ♗xb4 trapping) 2. ♗b6#

107 Test / Mix: U

- 1) 1. ... ♚xf3 2. gxf3 (2. ♗e4 d3) 2. ... ♕h3+ 3. ♖g1 ♗xe1# (access + elimination of the defence: chasing away + mate)
- 2) 1. ... ♗xg1+ 2. ♖xg1 (2. ♗xg1 ♗f2#) 2. ... ♚c1+ (mate: access)
- 3) 1. ... ♕xf3 2. gxf3 ♗e5 3. ♕xf7+ ♚xf7 4. 0-0-0 ♗c4 (double attack: material + threat)
- 4) 1. ♚xb6 axb6 2. ♚d8+ (X-ray check: elimination of the defence)
- 5) 1. ... ♗e2+ 2. ♚xe2 (2. ♕xe2 ♗xe3+ 3. ♖h1 fxg4) 2. ... ♗xg4 (elimination of the defence: interfering)
- 6) 1. h3 ♗d7 2. ♗e5+ ♖f3 3. ♚f1# (mate in three)
- 7) 1. ♗xe6+ fxe6 2. ♕b6+ (discovered attack, access + X-ray check)
- 8) 1. ... ♗xb5 2. ♚xb5 ♗c3 (double attack: material + threat)
- 9) 1. ♗h7+ ♖f8 2. ♗h8+ ♕xh8 3. ♗h7# (mate in three: access)
- 10) 1. ♕g5 ♕xg5 2. ♕xg6+ ♖f8 3. ♗f7# (attacking the king: access)
- 11) 1. ♗xg7+ ♖xg7 2. ♕f6+ ♖g8 3. ♚h4 (attacking the king: mating pattern: ♚ ♕)
- 12) 1. ♚xd5 ♗xd5 (1. ... ♗a1+ 2. ♗d1 ♗xa2 3. ♚d7) 2. ♗b4+ ♖g7 3. ♗xd5 (in between move)

108 Test / Mix: V

- 1) 1. ... ♗f4 2. ♗xd4 ♗h3# (double attack: targeting)
- 2) 1. d6+ ♚xd6 2. ♗xe5+ ♖d7 3. ♕h3+ (elimination of the defence: interfering)
- 3) 1. ♗xd5 exd5 2. ♚xc4 dxc4 (2. ... ♗a5 3. ♗b4) 3. ♗xc4+ ♖h8 4. ♗xc6
- 4) 1. ... ♕g5+ 2. ♖b1 ♚xd4+ (elimination of the defence: luring away + mate)
- 5) 1. ♚c5 ♚xc5 2. ♗xc5 ♚b6 3. ♗d7+ (double attack: elimination of the defence + chasing)
- 6) 1. ... ♚b4 2. ♕xe6 c4+ (discovered check: elimination of the defence door chasing away)
- 7) 1. ... ♗d4 2. ♗xd4 cxd4 3. ♕xd7 dxc3 (discovered attack)
- 8) 1. ... ♗d5 2. ♚e2 ♗xb7 3. ♚c5 ♚ad8 4. ♚e5 ♗f7 (discovered attack + interfering)
- 9) 1. ♕b6 0-0 (1. ... cxb6 2. ♗xb6) 2. ♗xc7 (double attack: luring)
- 10) 1. ♕xc6 bxc6 2. ♗e5 (a pinned piece is not a good defender + attack on a pinned piece)
- 11) 1. ♚xd3 cxd3 2. ♗e6+ fxe6 3. ♚c7+ (access and elimination of the defence: chasing away + material)
- 12) 1. ... ♗f3+ 2. ♖h1 ♗xe1 (double attack)

109 Test / Mix: W

- 1) 1. ... ♗xc3 2. ♕xf4 exf4 (double attack)
- 2) 1. ♚f6 ♗g6 2. ♚xf8+ (elimination of the defence: capturing + mate)
- 3) 1. ... ♕xc3+ 2. ♖f1 (2. ♕d2 ♗xd2+ 3. ♖f1 ♗d1+ 4. ♚xd1 ♚e1#; 2. bxc3 ♗d1#) 2. ... ♗d1+ 3. ♕xd1 ♚e1# (elimination of the defence: capturing + mate)
- 4) 1. ♗h5 gxh5 2. ♚g3 (attacking the king: access)
- 5) 1. ♗b1 ♕xg2 2. ♕xb4 ♗c6 3. ♗xg2 (trapping + in between move)
- 6) 1. ... ♗f3 2. ♗xh3 (2. ♗xf3 ♚xe1#) 2. ... ♗xc3 3. bxc3 ♚xe1+ (elimination of the defence: luring away + mate)
- 7) 1. ♗g5 ♗e5 2. f4 (elimination of the defence: chasing away + material)
- 8) 1. ♕xd5 cxd5 2. ♗a4+ (double attack: elimination of the defence)
- 9) 1. ... ♚h3+ 2. ♗xh3 ♗xc1+ 3. ♖h2 ♕xe4 (elimination of the defence: luring away + material)
- 10) 1. ♗e4 a1♗ (1. ... ♕xe4 2. e3#; 1. ... ♚xe4 2. ♚d3#) 2. ♚b4# (elimination of the defence: interfering + mate)
- 11) 1. ♗e4 (1. ♗a4 ♚c8) 1. ... ♚c8 2. ♗f6 (attack on a pinned piece; elimination of the defence)
- 12) 1. ♗c6 ♗d6 2. ♗e7+ ♗xe7 3. ♗xd5 (pin: back piece luring + a pinned piece is not a good defender)

110 Test / Mix: X

- 1) 1. ... ♚xe6 2. fxe6 ♗e4+ 3. ♖h1 ♗g3+ 4. hxg3 ♚h5# (attacking the king: mating pattern ♚ ♕)
- 2) 1. ♚c8 ♚xc8 2. ♚xc8 ♗xc8 3. ♗e7# (elimination of the defence: luring away + mate)
- 3) 1. ... ♗xg4+ 2. ♕xg4 ♗e4+ 3. ♖g2 ♗xc3 (double attack: elimination of the defence)

- 4) 1. ♖g5+ (1. f5 wins too 1. ... g5 2. ♜xg5+ ♜xg5 3. ♚h5+) 1. ... ♜g8 (1. ... ♜xg5 2. fxg5) 2. ♜xe4 ♚e6 (2. ... dxe4 3. ♚xc4+) 3. ♜g3
- 5) Drawing
- 6) Drawing
- 7) 1. a3 ♙d6 2. ♙d2 (trapping)
- 8) Drawing
- 9) Drawing
- 10) 1. ♚c4 ♚g6 2. ♚d3 ♚xd3 3. ♚xd3 (X-ray attack: elimination of the defence)
- 11) 1. ♚xh5 gxh5 2. ♚fg1 ♚xe4 3. ♚g8+ (X-ray check: elimination of the defence)
- 12) 1. ... ♜xd4 2. ♜xd4 ♚xg2# (elimination of the defence: luring away + mate) 2. ♚xd4 ♙c5 (front piece luring + pen)

111 Test / Mix: Y

- 1) 1. ... ♜e3+ 2. fxe3 ♚xd5 (pin access + a pinned piece is not a good defender)
- 2) 1. ... ♙g2! 2. ♚xg2 ♚e1+ 3. ♚f1 ♚xf1# (elimination of the defence: line clearing)
- 3) 1. ... f4 2. ♙xf4 ♙xf4 3. ♚xf4 ♚xe2 (elimination of the defence: luring away + material)
- 4) 1. ♚g6 (1. ♚f7? ♚g5+ 2. ♜g3 ♚e1+) 1. ... ♚c3 (1. ... ♚h6 2. ♚xc6 ♚xg6+ 3. ♚xg6; 1. ... ♚b2 2. ♚xc6 capturing + material) 2. ♚xe8+ ♙xe8 3. ♚xc3 (pin: back piece luring + a pinned piece is not a good defender)
- 5) 1. ♚a7+ ♜xa7 2. ♚b7+ ♜a8 3. ♚a7+ ♜xa7 4. ♚b7# (magnet)
- 6) 1. ♚g1 ♚xa4 (1. ... ♙c5 2. ♚xc5) 2. ♚b6+ cxb6 3. c7# (attacking the king: access)
- 7) 1. ... ♚d3 2. ♚xb7 ♚d1+ 3. ♜xd1 ♚xe2# (elimination of the defence: chasing away + mate)
- 8) 1. ♚g4+ ♚xg4 2. ♙xg4+ f5 3. ♜xd6+ (elimination of the defence: capturing + material)
- 9) 1. ♚c4 ♚xc4 2. ♙xd6+ (elimination of the defence: luring + material in between move)
- 10) 1. ♚xg8 ♚xg8 2. ♜f6+ ♜e7 3. ♜xg8+ ♜e8 4. ♜f6+ ♜e7 5. ♜xd7 (double attack: luring + chasing)
- 11) 1. ♜b5+ (1. f7 ♚h5 2. ♜e8+ ♜c8 3. f8 ♚ ♚xd1+) 1. ... cxb5 2. f7 (cashing in on a passed pawn)
- 12) 1. ♜f4 ♚xd1 (1. ... exf4 2. ♚xh5) 2. ♜g6# (discovered attack)

112 Test / Mix: Z

- 1) 1. ... ♚e1 2. ♚xe1 ♜xf3+ (pin: back piece luring + a pinned piece is not a good defender)
- 2) 1. e4 dxe3 2. ♚xd5 (discovered attack: access)
- 3) 1. ♜xd5 exd5 (1. ... ♚f7 2. ♜c7) 2. ♜f5 (double attack: elimination of the defence)
- 4) 1. ... ♚b6 2. ♙e4 ♚d6 3. ♚c1 ♚xd2 4. ♙d3 ♙g5 5. ♙xa6 ♚b6 (pin: targeting)
- 5) 1. ... ♙e5 2. ♜xe5 ♚1g1# (elimination of the defence: luring away + mate)
- 6) 1. ... ♚e2 2. ♚xe2 ♚xh2+ 3. ♜xh2 ♜g3# (attacking the king: mating pattern: ♜♜)
- 7) 1. ... e3 2. ♙xe3 (2. ♜e6 exf2+ in between move) 2. ... cxd4 (double attack: luring)
- 8) 1. ♜e7+ ♚8xe7 (1. ... ♚2xe7 2. ♚xe7) 2. ♚d8+ ♚e8 3. ♚f8+ ♚xf8 4. ♚xf8# (attacking the king: elimination of the defence)
- 9) 1. ♚f5+ gxf5 2. ♚g7+ ♜h6 3. ♜xf5# (mate in three: access)
- 10) 1. ♚f4 ♚xf4 2. ♙d5+ ♚f7 (2. ... ♚f7 3. ♚xf4) 3. ♚xg6+ (pin: front piece luring + a pinned piece is not a good defender)
- 11) 1. ... ♚xd2+ 2. ♜xd2 ♜b3+ (double check: luring)
- 12) 1. ♚f8+ ♜xf8 2. ♚xe5+ ♙xe5 3. ♙xe5+ ♜g8 4. ♜h6# (mate in four: mating pattern: ♙♜)