Step 4 extra

2 - Eliminating the defence / Interfering: A

1) 1. ... d3 2. ♕e3 ♕xb5
2) 1. e6 ♗xe6 2. ♗xe6
3) 1. ... ♖e2 2. ♘xe2 ♕xf1+ 3. ♔xf1 ♖d1#
4) 1. ♖e7 ♗xe7 2. ♕c7#
5) 1. ♖g6 hxg6 2. ♕xe6#
6) 1. ... ♖d2 2. ♖xd1 (2. ♕xd2 ♕xd2) 2. ... ♖xd1+
7) 1. ... ♗f2 2. ♖xf2 ♕xh4
8) 1. d6 ♕xd6 2. ♕xd6 ♗xd6 3. ♗xd6
9) 1. ♗b5+ ♔e7 2. ♖xa6
10) 1. ♖e6 fxe6 2. ♕xf6+
11) 1. d6 ♘xd6 2. ♗xb4
12) 1. ♘a7 ♕xd5 (1. ... ♖xa6 2. ♕xa6) 2. ♖xa4

3 - Eliminating the defence / Interfering: B

1) 1. c6 ♕c7 2. ♕xa4
2) 1. c4 ♕d7 2. ♕xb3
3) 1. ♖1d6 ♗xd6 (1 ... ♕xd7 2. ♖xd7 ♗d8 3. ♖xd8) 2. ♕xf6+
4) 1. ♗d8
5) 1. ♗e3 (1. ♗e5 f6) 1. ... f6 2. ♖xe2
6) 1. ♘d8 ♕xd5 2. ♖e8#
7) 1. ♗e6 ♖a8 (1. ... ♖f8 2. ♖h2#)
8) 1. ... ♘d2+ (1. ... ♘xe3+ 2. ♔g1) 2. ♔g1 ♖xd8
9) 1. ♖d5 cxd5 (1 ... ♘e5 2. ♖xd4) 2. ♕e8#
10) 1. ♗e6 ♖xe6 (1. ... ♗xe6 2. ♕xf6#) 2. ♕b8+
11) 1. ... ♖d4 2. cxd4 ♕xd5+
12) 1. ♕g6+ fxg6 2. ♘xh6#

4 - Double attack / Luring: A

1) 1. ♖xc6 ♗d8 2. ♖xd6
2) 1. ... ♕xc2+ 2. ♔xc2 ♘b4+
3) 1. ... ♖h1+ 2. ♔xh1 ♘xg3+
4) 1. ♕xc6+ ♔xc6 2. ♘d4+
5) 1. ♗b5 ♕xb5 2. ♘xd6+
6) 1. ... ♕xd4 2. ♕xd4 ♘f3+
7) Drawing
8) Drawing
9) 1. ... ♗xd4 2. ♖xd4 ♘e6
10) 1. ♗f5 ♕xf5 2. ♘e7+
11) 1. ... ♖xd2 2. ♕xd2 ♘f3+
12) 1. ... ♗e3

5 - Double attack / Luring: B

1) 1. ... ♗xd6 (1. ... ♘xe2+ 2. ♘xe2 ♗xd6 3. ♖xd6 ♕c5+ 4. ♖d4) 2. ♖xd6
2) 1. ... ♗xd4 2. ♗xd4 ♕d2+
3) 1. ♗d5+ ♖xd5 2. ♕e6+ ♔h8 3. ♕xd5
4) 1. ... ♖xb2 2. ♖xb2 ♕e5
5) 1. e4 ♗xe4 2. ♕a4+
6) 1. ... ♘d4 2. cxd4 ♕xd4+
7) 1. ... g5 2. ♗xg5 ♕a5+

8) 1. dxc5 ♗xc5 2. ♕h5+
9) 1. ... b5 2. ♗xb5 ♕f5
10) 1. b4 ♗xb4 2. ♕xd4
11) 1. b5 ♗xb5 2. ♕b1+
12) 1. ... ♗e4 2. ♖xe4 ♕g6+

6 - Double attack / Luring: C
1) 1. ♖xa8 ♔xa8 2. ♖d8+ ♔b7 3. ♖xe8
2) 1. ... ♘xb2 (1. ... ♖b4 2. ♖b3) 2. ♔xb2 ♖b4+
3) 1. ... e4+ 2. ♔xe4 d5+
4) 1. ... ♖c4 2. ♖xc4 (2. ♖xc6 ♖xc6) 2. ... ♗xd5+
5) 1. ... ♖xe3 2. ♕xe3 ♗xf4+
6) 1. ♗d5 ♘xd5 2. cxd5
7) 1. ♕g6+ ♕xg6 (1. ... ♔h8 2. ♕xg4) 2. hxg6+
8) 1. ... ♘xf4 2. ♖xf4 (2. b6 g5#) 2. ... g5+
9) 1. ... c3 2. ♗xc3 ♖c2+ (2. ... ♖xe2 3. ♗xb4) 3. ♔d1 ♖xc3
10) 1. ... ♖xb3 2. ♕xb3 (2. axb3 ♕a7+) 2. ... ♗c2
11) 1. ♖c8 ♔f7 (1. ... ♖xc8 2. ♗xe6+) 2. ♖xe8
12) 1. ♖xd7+ ♔xd7 2. ♗g4+ (2. ♗b5+? ♔d6 3. ♗xa4 ♖h1+)

7 - Double attack / Luring: D
1) 1. ... ♘xf4 2. ♕xf4 ♗g5 3. ♕g3 ♗xc1
2) 1. ... ♗xc4 2. ♕xc4 (2. ♕d1 ♘d3+; 2. ♕d2 ♘e4) 2. ... ♖c8
3) 1. ♘xd5 (1. ♖d1? ♘xc3) 1. ... ♕xd5 2. ♖d1
4) 1. ... e5 2. ♕xe5 ♗f6 3. ♕f4 (3. ♘d5 ♗xd5 4. ♕xd5 ♖d7) 3. ... ♗xd4
5) 1. ♘xe5 ♕xe5 2. ♗f4
6) 1. d6 ♕xd6 (1. ... ♗xd6 2. ♖ad1) 2. ♕xd6 ♗xd6 3. ♖ad1 (3. ♖fd1)
7) 1. ♘xc8 (1. g5? ♖xd6 2. ♗xd6 ♗xh3) 1. ... ♖xc8 2. g5
8) 1. ♘xd7 ♖xd7 2. ♗xc6 ♖ed8 3. ♗xd7
9) 1. ♘xd5 ♕xd5 2. ♗e4
10) 1. ... ♕xf4+ 2. ♗xf4 ♖f6 (2. ... ♖f8? 3. ♗h5)
11) 1. ♖fb1 ♖xb3 2. ♖xb3 ♕xb3 3. axb3
12) 1. ... dxe4 2. ♕xe4 (2. ♗xe4 ♗d4) 2. ... ♗f5

8 - Double attack / Luring: E
1) 1. ♕xg7+ ♔xg7 2. ♗c3+
2) 1. ♖f7 ♕xf7 2. ♘g5+ hxg5 3. ♕xf7
3) 1. ♗d7
4) 1. ♗xd7 ♔xd7 2. c6+ ♔xc6 3. ♗xb4
5) 1. ... ♗xe4 2. ♕xe4 ♗xc3+
6) 1. ... ♖h1+ 2. ♔xh1 ♘xf2+ 3. ♖xf2 ♕xc3
7) 1. ... ♘c1 2. ♖xc1 ♖xc1+
8) Drawing
9) Drawing
10) 1. ... ♘xg3 2. ♔xg3 ♗xe1+ 3. ♖xe1 ♖xb1
11) 1. ♖xd6 ♖xd6 2. ♘xd6+
12) 1. ... ♗b5 2. axb5 axb5 3. ♖xa8 bxc4

9 - Double attack / Luring: F
1) 1. ... ♖xc3
2) 1. ... ♖xd2 2. ♔xd2 ♗g5+
3) 1. ♖d8+ ♖xd8 (1. ... ♔h7 2. ♕h4+ ♔g6 3. ♗xb7) 2. ♕xd8+ ♔h7 3. ♕xa5
4) 1. ... ♖xe3+ 2. ♔xe3 ♗d2+ 3. ♔d3 ♖xc1

5) 1. ♘xe5 ♕xe5 2. ♗f4
6) 1. ♖xg6+ ♔xg6 (1. ... hxg6 2. ♕h8#) 2. ♘e5+
7) 1. ♗xd5 ♖xd5 2. ♕b3
8) 1. ... ♘c3 2. ♘xc3 ♖xc1+ 3. ♔g2 ♖xc3
9) 1. ♖e8+ ♕xe8 2. ♘xf6+ ♔g7 3. ♘xe8+
10) 1. c5+ ♔xc5 2. ♖c7+
11) 1. ♗g7+ ♔xg7 (1. ... ♖xg7 2. ♕f8+) 2. ♘e8+ ♔g8 3. ♘xc7
12) 1. ♕f7+ ♕xf7 2. exf7+ ♔f8 3. fxe8♕+ ♔xe8

10 - Eliminating the defence / Blocking: A
1) 1. ... g4+ 2. hxg4 ♗e4#
2) 1. ... ♕e3+ 2. ♕f3 ♗h4#
3) 1. ♗b7+ ♘xb7 2. ♖c8#
4) 1. g6+ ♕xg6 (1. ... ♔xg6 2. ♖g8+) 2. ♖h8#
5) 1. g5+ ♕xg5 2. ♗g7#
6) 1. ♕e7+ ♖xe7 2. ♘f6#
7) 1. ♕c6+ dxc6 (1. ... ♗xc6 2. ♘a6#) 2. ♘a6#
8) 1. d5+ ♕xd5 (1. ... ♔xd5 2. ♘b6+) 2. f8♘#
9) 1. ♘d6+ ♔d8 2. ♕e8+ ♖xe8 3. ♘f7#
10) 1. ♗e7 ♕xe7 2. ♕h7+ ♔f8 3. ♕h8#
11) 1. ♘g5+ ♔h6 2. ♖h7+ ♗xh7 3. ♘f7#
12) 1. ♕c5+ ♔g7 2. f8♕+ ♖xf8 3. ♕g5#

11 - Eliminating the defence / Blocking: B
1) 1. ♕e5+ ♗e7 (1. ... ♖e7 2. ♕b8#) 2. ♕h5#
2) 1. d8♕+ ♗xd8 2. ♕c5#
3) 1. ♕h8+ ♗h7 2. ♕f8#
4) 1. ♕c4+ ♕xc4 2. ♗e8#
5) 1. ♕b8+ ♘xb8 2. ♘a7#
6) 1. d4+ ♘xd4 (1. ... ♔xd4 2. ♕e3#) 2. f4#
7) 1. ... g5+ 2. ♗xg5 (2. hxg5 e5+ 3. ♔f5) 2. ... e5+ 3. ♔f5 ♗e6#
8) 1. ♕d7 ♘xd7 2. ♖g8+ ♔e7 3. ♘f5#
9) 1. ♖b8+ ♗xb8 2. b6 axb6 (2. ... ♗xd7 3. b7#) 3. ♘xb6#
10) 1. ♖h7+ ♘xh7 2. g7+ ♔g8 3. ♘gh6#
11) 1. ♖c3 (1. ♖xa7 ♖d7 2. ♖xd7 h1♕) 1. ... h1♕ 2. ♖a3+ bxa3 3. b3#
12) 1. ♖h4+ ♗xh4 2. ♘h5+ ♔g4 3. h3#

12 - Pin / Luring the front piece: A
1) 1. ♗d5+ ♖f7 (1. ... ♕xd5 2. ♕g7#) 2. ♕g7#
2) 1. ♕b8+ ♕f8/g8 2. ♖e8
3) Drawing
4) 1. ... ♕df1+ 2. ♕g2 ♕h1#
5) 1. ♗a4+ ♘c6 (1. ... ♔d8 2. ♖d7+; 1. ... ♖c6 2. ♗d2) 2. ♖c7
6) 1. ♖xc6 ♕xc6 (1. ... ♕d8 2. ♖xg6) 2. ♗b5
7) 1. ♗g2+ ♗e4 2. ♕xh7
8) 1. ... ♖e3 2. ♕d1 (2. ♕xe3 ♗d4) 2. ... ♘xd3
9) 1. ... ♘xf4 2. ♕xf4 ♗g5
10) 1. ... ♕xh2+ 2. ♖xh2 ♘xf2#
11) 1. ♖xg6+ ♕xg6 2. ♕xf5 (2. ♖xg6+? ♔xg6) 2. ... ♕xg1+ 3. ♔xg1
12) 1. ... ♕a5+ 2. ♕b4 ♖b8

13 - Pin / Luring the back piece: A
1) 1. ♘xe7+ ♕xe7 2. ♗g5

2) 1. b6+ ♔xb6 2. ♖h6
3) 1. ♖g8+ ♔xg8 2. ♕xc5
4) 1. ♖xf1 ♔xf1+ 2. ♕xf1 ♘g3+ 3. ♔xg3 (3. ♔g1 ♘xf1) 3... ♕xf1+
5) 1. ♘xd7 ♕xd7 2. dxc5
6) 1. ♖f7+ ♔xf7 2. ♕xc7
7) 1. ♘xc8 ♕xc8 2. ♕a6
8) 1. ♖c8+ ♔xc8 2. ♕xb6
9) 1. ... ♕xg2+ (1. ... ♗xc6? 2. ♖xd8#) 2. ♔xg2 ♗xc6
10) 1. ♖xe7 ♕xe7 2. ♘g4
11) 1. b5 ♕xb5 2. ♕e2
12) 1. ♖xc6 ♔xc6 2. ♕xf5

14 - Pin / Luring front or back piece: A
1) 1. ♖xe7 ♕xe7 2. ♗g5
2) 1. ... ♕xg2+ 2. ♕xg2 ♖xf1#
3) 1. ♘xd7 ♕xd7 2. ♕xe4
4) 1. ... ♖xf4 2. ♖xf4 ♗h6
5) 1. c4 (1. c8♕? ♗e6+) 1. ... ♗xc4 2. c8♕
6) 1. ... d3 2. ♕xd3 ♗xb5
7) 1. ♖xg4+ ♔xg4 (1. ... ♕xg4 2. ♖b4) 2. ♖b4
8) 1. ♕a3+ ♖c5 (1. ... ♕c5 2. ♕xc1) 2. d4
9) 1. ... ♖xg3 2. ♕xg3 (2. ♔xg3 ♗e5) 2. ... ♗e5
10) 1. ♖xc6 ♘xc6 2. ♕h1
11) 1. ♕d4 ♕e5 2. ♖ae1 (2. ♖fe1 ♗f5) 2. ... ♗f5 3. ♖xe5 dxe5 4. ♕xe5
12) 1. ♘xf7 ♕xf7 2. ♗g6

15 - Pin / Luring front or back piece: B
1) 1. ... ♖xc3 2. ♕xc3 ♕xd6
2) 1. ... ♖h1+ 2. ♔xh1 ♕g1#
3) 1. ♗xg7 ♗xg7 2. ♕h6
4) 1. ... g3+ 2. ♔xg3 ♖g1
5) 1. ♕xf7+ ♕xf7 2. ♖xe8+
6) 1. ♘xc6 ♕xc6 2. c4
7) 1. ... ♗xh3 2. ♗xh3 g5 3. ♗xg5 ♖xh3
8) 1. ♖xe4 ♕xe4 2. ♖e3
9) 1. ... ♖e2+ 2. ♔xe2 ♕xf4 (2. ... ♕xg2+? 3. ♔e3; 2. ... ♗xd3+? 3. ♔e3)
10) 1. ... ♖xc6 2. ♕xc6 ♖c8
11) 1. ♕f8+ ♔xf8 2. ♘xg5
12) 1. ... ♖e6 2. ♕b5 ♖b8

16 - Endgame / Passed pawn: A
1) 1. ... ♘d3 2. ♔c2 a2
2) 1. ♘d6+ ♔xd6 2. d8♕+
3) 1. ♕h6 ♗xh6 2. h8♕#
4) Drawing
5) Drawing
6) 1. ♗d5 h6 2. e8♕+
7) 1. ♘g5 (1. ♔h3 ♖g6)
8) 1. ♖e4 ♖xe4 2. ♗f5 ♗c6 3. ♗xe4+
9) 1. ♗g8+ ♔h8 (1. ... ♔xg8 2. ♖f8+ ♔h7 3. e8♕; 1. ... ♔g6 2. f7+ ♔g5 3. e8♕) 2. ♗e6 ♕xe6 3. ♖f8+
10) 1. c4 (1. d7 c5 2. ♔e7 ♗xd7 3. ♔xd7 c4) 1... ♗xc4 (1... ♗a4 2. c5) 2. ♔e7

11) 1. ♗d5+ ♔xd5 2. d7
12) 1. ... ♗c6 (1. ... c2 2. ♖c8) 2. ♗xc6 c2

17 - Endgame / Passed pawn: B
1) 1. ♘d4+ ♔d6 (1. ... ♔c5 2. ♘e6+) 2. ♘f5+
2) 1. e4 ♗xe4 2. e8♕
3) 1. ♖c8 ♔xh7 2. ♖c7+
4) 1. ... ♗d2 (1. ... dxc2 2. f4) 2. ♖d1 dxc2
5) 1. a7 b6 2. ♖e1
6) 1. ♗e5+ ♘xe5 2. e7
7) 1. ♖xh7 ♖xh7 2. b7
8) 1. ♘xd6 ♖xe2 2. ♘e4
9) 1. ♗b3+ ♔xf6 2. g8♘#
10) 1. ♘b5+ cxb5 2. f7
11) 1. e7 ♔xe7 2. d8♕+ ♔xd8 3. ♖xa8+
12) 1. ... ♖xd2+ 2. ♔xd2 a2 3. ♖e1 ♗a5+ 4. ♔c2 ♗xe1

18 - Double attack / Eliminating the defence: A
1) 1. ♘d7+ ♘xd7 2. ♕f3+
2) 1. ... ♗xf4 2. ♘xf4 ♕a5+
3) 1. ... ♘gxe5 2. fxe5 ♕h4+
4) 1. ... ♘f3+ (1. ... ♕g5 2. ♖dd1) 2. gxf3 ♕g5+
5) 1. ... ♗xe4 2. ♕xe4 (2. ♗a6 ♘c5 3. ♗xc8 ♗d3) 2. ... ♕c5+
6) 1. ... ♗xf3 2. ♗xf3 ♕h4
7) 1. ♗xc6 ♕xc6 (1. ... bxc6 2. ♕a6+) 2. ♕f5+
8) 1. ... ♘xg3 2. fxg3 ♕xe3+
9) 1. a3 ♘c6 2. ♕d3
10) 1. ♘f5 exf5 2. ♕b3+
11) 1. ... ♘e3+ 2. fxe3 ♕d2+
12) 1. e6 fxe6 2. ♕h5+

19 - Double attack / Eliminating the defence: B
1) 1. ♖xd5 ♘xd5 2. e6
2) 1. ... ♖xd5 2. cxd5 ♖f1+
3) 1. ♕xh4 ♕xb3 (1... ♗xh4 2. ♘c5+) 2. ♕xe7+ ♔xe7 3. cxb3
4) 1. ♖xb5 cxb5 2. ♗xd5+
5) 1. ♖xb6 (1. ♖xf6+? gxf6 2. ♖h8+ ♔g7) 1. ... axb6 2. ♖h8+
6) 1. f5 ♗xf5 2. ♗xd5+
7) 1. ♕e8+ ♗f8 2. ♘f6+
8) 1. ♖xe7+ ♔xe7 2. ♗xf6+
9) 1. ... ♖xc2 2. ♕xc2 ♗xd4+ 3. ♔g2 ♗xa1
10) 1. ... ♗xf3 2. ♕xf3 (2. gxf3 ♖xe2) 2. ... ♕c2
11) 1. ♘g6 ♗xg6 2. ♗c4+
12) 1. ♗f4 ♕a6 (1. ... ♗xf4 2. ♘e7+) 2. ♘xc7

20 - Double attack / Eliminating the defence: C
1) 1. ♖xc5 ♖xc5 2. ♘d6+
2) 1. ... ♕e1+ 2. ♗f1 ♗b3
3) 1. ♖b6+ ♔xb6 2. ♖xd6+
4) 1. ♕xh6 ♗xh6 2. ♘xf6+ ♔d8 3. ♘xd7
5) 1. ♘d7+ ♘xd7 2. ♕f3+ ♖f6 3. ♕xa8+
6) 1. ♗xd6 cxd6 2. ♘b6
7) Drawing

8) Drawing
9) 1. a4+ bxa3 2. ♘c3+ ♔c6 3. ♘xd5
10) 1. ♘xe5+ fxe5 (1. ... ♕xe5 2. ♖xd8) 2. ♗g5
11) 1. ♖xf7 ♖xf7 2. ♘g6+
12) 1. ♗e4 (1. Bg6? ♘df6) 1. ... ♕b8 2. ♗g6

21 - Double attack / Eliminating the defence: D
1) 1. ♖xb6 ♕xb6 2. ♕h8+
2) 1. ♕xf6 (1. ♘f7+ ♖xf7 2. ♕xf7 ♘c6) 1. ... ♗xf6 2. ♘f7+ ♔g7 3. ♘xd8
3) 1. ♘xa5 ♕e8 2. ♘xc6 %Q 2. ... ♕xc6 3. ♘e7+
4) 1. ♕xb6 ♖xb6 2. ♖c7 ♗e6 3. ♖xa7
5) 1. ♖xc6 ♕xc6 2. ♕d8+ ♔h7 3. ♕xa5
6) 1. c3 ♗xa1 2. ♘f6+
7) 1. ... ♘h3+ 2. gxh3 ♘xf3+ 3. ♔f2 ♘xd2
8) 1. ... ♗xc3 2. bxc3 ♖d5 3. ♗xe7 ♖xb5
9) 1. ♖xb8+ ♖xb8 2. ♕a6
10) 1. ♘xg7+ (1. ♘d6+? ♗xd6+) 1. ... ♗xg7 2. ♘d6+
11) 1. ... a5 2. ♘d3 (2. b3 ♘a3+ 3. ♔b2 axb4) 2. ... ♘d2+
12) 1. ♗xc5 bxc5 2. ♗a4

22 - Mate / Magnet: A
1) 1. ♖d8+ ♔xd8 2. ♕c8#
2) 1. ♕f8+ (1. ♕e8+ ♔g7 2. ♕f8+ ♔f6 3. ♕h8+ ♔f5 4. f3 ♖xd2) 1. ... ♔xf8 2. ♗h6+ ♔g8 3. ♖e8#
3) 1. ♖h6+ ♔xh6 2. ♕f6+ ♔h7 3. ♕g7#
4) 1. g4+ ♔xg4 2. ♕f4+ ♔h5 (2. ... ♔h3 3. ♕g3#) 3. ♕h4#
5) 1. ♖g8+ ♔xg8 2. ♕xf7+ ♔h8 3. ♕f8#
6) 1. ... a2+ 2. ♔xa2 ♕a4+ 3. ♔b1 ♖d1#
7) 1. ♖h4+ ♔xh4 2. ♕xe7+ ♔g4 3. ♕g5#
8) 1. ♖g5+ ♔xg5 2. ♕g7+ ♔f4 3. ♕f6+
9) 1. ♖f8+ ♔xf8 2. ♕a8+ ♔e7 3. ♕e8#
10) 1. ... ♖h1+ 2. ♔xh1 ♕h8+ 3. ♔g1 (3. ♘h5 ♕xh5+ 4. ♔g1 ♕h2#) 3. ... ♕h2#
11) 1. ... ♕h3+ 2. ♔xh3 ♖h5+ 3. ♔g2 ♖xh2#
12) 1. ... g5+ (1. ... ♖f5 2. ♕g4) 2. ♔xg5 ♖f5+ 3. ♔h4 ♖h5#

23 - Mate / Magnet: B
1) 1. ♕g8+ (1. f7+? ♗g7) 1. ... ♔xg8 2. f7#
2) 1. ♖a8+! ♔xa8 2. axb7+ ♔a7 3. b8♕+ ♔a6 4. ♕b6#
3) 1. ... ♖f4+ 2. ♔xf4 ♕g4#
4) 1. ♖g8+ ♔xg8 2. ♕xg6+ ♔f8 3. ♕g7#
5) 1. ... ♖h1+ 2. ♔xh1 ♕f1+ 3. ♔h2 ♖xg2# (3. ... ♕xg2#)
6) 1. ♖g8+ ♔xg8 2. ♕g2+ ♔f8 3. ♕g7#
7) 1. ♖g8+ ♔xg8 2. gxf7+ ♔xf7 (2. ... ♔h8 3. ♕g7#) 3. ♕g7#
8) 1. ... ♖f1+ 2. ♔xf1 ♕f6+ 3. ♔g1 ♕a1+
9) 1. ♕g8+ ♔xg8 2. ♘f6+ ♔h8 3. ♘f7#
10) 1. ♕g4+ ♔xg4 2. ♘e3#
11) 1. ♕h8+ ♔xh8 2. ♖f8+ ♕g8 3. ♖h4#
12) 1. ... ♖h1+ 2. ♔xh1 ♕xe4+ 3. ♔g1 ♕g2#

24 - Rook ending / Passed pawn: A
1) 1. c8♕ ♖bxc8 2. bxc8♕+
2) 1. ♖h7+ ♔xg6 2. f8♘+ (2. f8♕ d1♕+) 2. ... ♔g5 3. ♖xd7
3) 1. ♖a6+ ♔e7 2. ♖a8 ♖xh7 3. ♖a7+
4) 1. ♖g7 ♖c3 2. ♖g8+ ♔d7 3. f7

5) 1. ♖h8 (1. ♖h7+? ♔f8; 1. ♖e2? ♔f8) 1. ... ♔xh8 (1. ... ♖c2 2. e7 ♖f2+ 3. ♔g4) 2. e7
6) 1. ♔h2 ♔e2 2. ♔g3 ♔e3 3. ♔g4
7) 1. ♖g8 ♖xb7 2. ♖g7+
8) 1. c5 dxc5 (1. ... bxc5 4. a7) 2. a7
9) 1. ♔g7 ♖d7+ 2. f7+ (2. ♖xd7? ♔xd7 3. f7 d2 4. f8♕ d1♕) 2. ... ♖xf7+ 3. ♖xf7
10) 1. ♖d8 ♖xa7 2. ♔b6 ♖a5 3. ♖d4+
11) 1. ♖d3 cxd3 2. c4 ♖a6 3. d7 (3. c5? ♖a4 4. b4 a5 5. d7 axb4 6. d8♕ bxa3)
12) 1. ♔b4 (1. ♖a8? ♖a1+; 1. ♖b8? ♖a1+ 2. ♔b4 ♖b1+) 1. ... ♔c7 (1. ... c3 2. ♔xc3 ♖h3+ 3. ♔d2 ♖h2+ 4. ♔e3 ♔c7 5. ♖a8) 2. ♖a8

25 - Endgame / Material advantage: A
1) 1. ♖f1+ ♔xf1 2. e4+
2) 1. ♘f4 ♗e8 2. ♗a4+
3) 1. ♗f8 ♖xe6 2. ♖c5#
4) 1. ♖h8+ ♔g5 2. ♔f8
5) 1. ♖c6! ♔f6 (1. ... ♘xe2 2. ♖xe6+ ♔f5 3. ♖xe2; 1. ... ♘xc6 2. ♖xe6+ ♔f5 3. ♖xc6) 2. ♖f2+!
6) 1. ♖bc2 ♕d3+ 2. ♖2c4
7) 1. ♗d6 (1. ♖xe6? pat) 1. ... ♖e8 2. ♔c7 (2. ♖c5)
8) 1. c3 dxc3 (1. ... a3 2. cxd4 a2 3. ♘d2+) 2. ♘a3#
9) 7. ♖b1! (7. ♖h5? ♔b7 8. ♖h8 ♘a7) 7. ... g2 (7. ... h1♕ 8. ♖xh1 ♘a7 9. ♖b1) 8. ♔xc6 g1♕ 9. ♖b8#
10) 1. ♘e7
11) 1. ♗c1+ ♔h5 2. g4+ ♗xg4 (2. ... ♔xg4 3. ♗f3#) 3. ♗e8#
12) Drawing

26 - Double attack / Chasing: A
1) 1. ♕h3+ ♔g8 (1. ... ♔g6 2. ♕g4+) 2. ♕e6+
2) 1. ... ♗d4+ 2. ♔h1 (2. ♔g2/f1 ♘e3+) 2. ... ♘f2+
3) 1. ♕e6+ ♔d3 (1. ... ♔f3 2. ♕f5#) 2. ♕xa6+
4) 1. d4 ♘c6 2. d5
5) 1. ♘f6+ ♔e7 2. ♘d5+
6) 1. ... ♘h6 2. ♕h3 g4
7) 1. ... ♖a5+ 2. ♔e4 (2. ♔c4 ♖a4+) 2. ... f5+ 3. gxf6ep ♖xh5
8) 1. ♗d2 ♕c5 2. ♖c4
9) 1. ♕a4 ♘b7 2. ♕b3+
10) 1. ♗a5 ♕b8 (2. ... a6 3. ♕xa6 ♕b8 4. ♘d7+) 2. ♘d7+
11) 1. ... ♗a5 2. ♖c2 (2. ♔e3 ♗xd2+) 2. ... ♖h2+
12) 1. ♖b5 ♕e6 2. d5

27 - Double attack / Targeting: A
1) 1. ♕c2 ♖d4 2. ♖c8+
2) 1. ... c5 2. ♕d3 d4
3) 1. ♘b6 ♖c7 2. ♘d7+
4) 1. ♕b6 ♘c4 2. ♕xe6+ or 2. ♗xe6+
5) 1. e4 ♗g4 2. e5
6) 1. ... ♘e5 2. ♗b3 ♘f3+
7) 1. ♘b6 ♕e6 2. ♘xc8
8) 1. ... ♘f5 2. ♗xe7 ♘e3+
9) 1. ♕d5+ ♖f7 2. ♕h5
10) 1. ... ♗b5 2. ♕b1 ♗e2
11) 1. ♕g4 b6 2. ♘h5+
12) 1. ... ♘a3 2. ♖d1 ♘b5+ 3. ♔c4 ♘xd4+

28 - Double attack / Chasing or targeting: A

1) 1. ♕c2+ ♔g5 (1. ... ♔e6 2. ♕b3+) 2. ♕g2+
2) 1. ... f5 2. ♘d2 (2. ♘c5 f4; 2. ♘g5 f4) 2. ... f4
3) 1. ... ♘d2 2. ♖a1 ♘b3
4) 1. ♕a4 ♗b6 (1. ... ♗b7) 2. ♕e4
5) 1. ♕d8+ ♔g7 (1. ... ♔h7 2. ♘g5+) 2. ♕d4+
6) 1. ♘f6+ ♔g7 2. ♘d7
7) 1. ... ♕d6 2. g3 ♕c5+
8) 1. ♖h5 ♕g6 2. ♘e7+
9) 1. ♘c4 ♕a4 2. ♘d6+
10) 1. ♘h6+ ♔g7 (1. ... ♔h8 2. ♘xf7+) 2. ♘f5+
11) 1. ♕b3+ ♔h8 2. ♖d5
12) 1. ... ♖f2+ 2. ♔g1 ♖c2

29 - Double attack / Chasing or targeting: B

1) 1. ... ♕a5+ 2. ♔d1 ♘xf2+
2) 1. ♕b3+ (1. ♘xc6? ♗xc6 2. d5 ♘c5) 1. ... d5 2. ♕xb5 (2. ♕xd5+? cxd5)
3) 1. ♕g3+ ♔h8 2. ♕xe5+
4) Drawing
5) Drawing
6) 1. c4 ♗a4 2. ♗d7+
7) 1. ... ♕e5 2. ♕d2 ♕e4
8) 1. ♘a4 (1. fxe5? ♘xe5 2. ♘xe5 ♘h5) 1. ... ♕d6 2. fxe5
9) 1. ♘g5+ ♔f8 2. ♘e6+
10) 1. ♕f3 ♖b8 2. ♗f4
11) 1. ... ♗d7 2. b3 ♗b5
12) 1. ♖e1 ♖g8 2. ♖e4

30 - Attacking the castled king: A

1) 1. ... ♘f3+ 2. gxf3 (2. ♔h1 ♕xf1#) 2. ... ♖g5+ 3. ♔h1 ♕xf1#
2) 1. ♘g6+ fxg6 2. ♕xh7+ ♔xh7 3. ♖h3#
3) 1. ♕xh7+ ♔xh7 2. ♘xf6+ gxf6 3. ♖h4#
4) 1. ... ♕xg3 2. ♖e3 ♕h2#
5) 1. ♕xh7+ ♘xh7 2. ♖h3
6) 1. ♕xg7+ ♔xg7 2. ♗e5+ ♔g8 3. ♘h6#
7) 1. ♗xg7+ (1. ♕f6? ♖d1#) 1. ... ♔xg7 2. ♘f5+ ♔g8 3. ♕g3+
8) 1. ♘g5 hxg5 2. ♖h3
9) 1. ... ♕xh3+ 2. ♔xh3 g4+ 3. ♔h4 ♖h5#
10) 1. ♕xg6+ (1. ♖xg6+? ♔h8) 1. ... hxg6 2. ♖xg6+ ♔f8 3. ♖h8#
11) 1. ♖xh6+ gxh6 2. ♕h5
12) 1. ... ♕xg2+ 2. ♔xg2 ♖g6+ 3. ♔f3 ♘d2#

31 – Attacking the castled king: B

1) 1. h6+ ♔g8 2. ♕xf6
2) 1. ♖xg5+ ♔h8 2. ♖xf5
3) 1. ♖e1 ♕d6 2. ♕d4+
4) 1. ♖e7 ♖f7 2. ♗xh7 (2. ♖xe8+)
5) 1. ♗f6 ♕xh6 2. ♖xh6
6) 1. ... g3 2. ♗xg3 ♕xg3 (Black has won his piece back and is winning: 3. ♘f3 ♗xf2+ or 3. ... 0-0-0
7) 1. ♖f7 ♖xf7 2. ♖xf7
8) 1. ♘g5 fxg5 2. e5 f5 3. exf6ep
9) 1. ♘e6 ♗xe6 2. ♕xh7+
10) 1. ... ♗e5 2. ♖b1 ♕f3

11) 1. ♖e7 ♗xd4 2. ♖xf8+ ♔xf8 3. ♕f7#
12) 1. ♕h5 ♘xf2+ (1. ... ♕xh5 2. ♘e7#) 2. ♔g1

32 - Attacking the castled king: C
1) Drawing
2) Drawing
3) 1. ♘g5 ♗xg5 2. ♗xf5
4) 1. ♘g5 fxg5 2. f6
5) 1. ♘h8 ♖ae8 2. ♕h7#
6) 1. ... ♗h2+ 2. ♔h1 ♗g1
7) 1. ♘e4 (1. ♘f3) 1. ... dxe4 2. ♕h6
8) 1. ♕h6 ♗xf6 (1. ... gxh6 2. gxh6#) 2. gxf6
9) 1. ♕xf8+ ♔xf8 2. ♖xf7+ ♔g8 3. ♖g7+ ♔f8 4. ♖g8#
10) 1. ♖e1 (1. ♕h6+ ♔e7 2. ♖xg8 ♕xg8 3. ♗xf6+ ♔d7)
11) 1. f6 hxg5 2. ♕g6
12) 1. f6+ ♔g8 (1. ... ♕xf6 2. ♖xh7+ ♔xh7 3. ♘xf6+) 2. ♕e4

33 - Seventh rank: A
1) 1. ♖g7 (1. ♖h7+ ♔g8 2. ♖ag7+ ♖xg7) 1 ... ♖f1 2. ♖h7+ ♔g8 3. ♖ag7#
2) 1. ♖eg7 ♖f8 2. ♖d7+ ♔e8 3. ♖he7#
3) 1. e7+ ♔e8 2. ♖c8+ ♔f7 3. e8♕+
4) 1. ♖e7 ♕xc4 2. ♖gxg7+
5) 1. ♕g7+ (1. ♕h7+)
6) 1. ♗xg6 fxg6 2. ♖d7
7) 1. ♖f7+ ♔g8 2. ♖fe7 ♔f8 3. ♖xe8+
8) 1. ... ♖f8 2. ♕xd2 ♖xd2+ 3. ♔g1 ♖ff2
9) 1. ♖g7+ ♔h8 2. ♖xa7
10) 1. ♖d7 ♖xd7 (1 ... ♖e7 2. ♕xh7+ ♖xh7 3. ♖xh7#; 1 ... ♖ag8 2. ♕xh7+) 2. ♕xd7
11) 1. ♘xf6+ ♖xf6 2. ♖d8+ ♖f8 3. ♖g7+ ♔h8 4. ♖xf8
12) 1. ... ♖bf2+ 2. ♔e1 ♖a2 3. ♔f1 (3. ♕b8 ♖a1+ 4. ♗b1 ♖xb1+ 5. ♕xb1 ♖g1+) 3 ... ♖gd2 4. ♔e1 ♖db2

34 - Double attack / Clearing: A
1) 1. ♘xe7+ ♖xe7 2. ♕d5+
2) 1. ... ♖xe5 2. ♕xe5 ♕g6+ 3. ♕g3 ♕xd3
3) 1. ... ♘xg3 (1. ... ♘d3+ 2. ♗xd3 ♘xg3+ 3. ♔d2 ♘xh1 4. ♖xh1) 2. hxg3 ♘d3+
4) 1. ♘xd5 (1. ♕c2 ♗f5) 1. ... ♕xd5 2. ♕c2
5) 1. ♗xd5+ ♘xd5 (1. ... ♕xd5 2. ♕xd5+ ♘xd5 3. ♖xc5) 2. ♘e4
6) 1. ... ♘xc3 2. ♖xc3 e4
7) 1. ♘g5 ♕xg5 2. ♕e6+
8) 1. ♘e6 (1. ♕b2 ♖xb3 2. ♘xb3+) 1. ... ♗xe6 2. ♕b2+
9) 1. ♗xc4 (1. ♕d4 ♕g5 2. g3 ♘d6) 1. ... ♗xc4 2. ♕g4 f6 3. ♕xc4+
10) 1. ♘xe6 (1. ♘f5 ♗f6) 1. ... fxe6 2. ♗xe5
11) 1. ♘xf6+ ♗xf6 2. ♕f3
12) 1. ... ♕b1+ 2. ♘xb1 c1♘+

35 - Double attack / Clearing: B
1) 1. d6 ♗xd6 2. ♕d5+
2) 1. ♘xf6+ ♗xf6 2. d5
3) 1. ♕xb6+ axb6 2. ♘d8+
4) 1. ♗xc6+ bxc6 2. ♕h5+
5) 1. e5 ♗e7 2. ♕e4
6) 1. ♘xf6+ ♗xf6 2. ♗d5

7) 1. ... ♕e6 2. ♖b7 ♘e3+
8) 1. ... ♖e4 2. g3 ♖xf4
9) 1. ♘xg6 ♕xg6 2. ♗c7
10) 1. ... ♖e1+ 2. ♔h2 ♕g6 3. ♗g3 ♕xb1
11) 1. ... b4 2. axb4 axb4 3. ♘a2 ♗b5
12) 1. ... ♗xc3 2. bxc3 ♘e5+

36 - Double attack / Mix: A
1) 1. ... ♖b7 2. ♕xb7 ♘c3+
2) 1. ♗xd7 ♗xd7 2. ♕d2
3) 1. ... ♗xf3 2. ♗xf3 exd4
4) 1. ♕b4+ ♔e8 (1... ♔g7 2. ♕g4+) 2. ♕b5+
5) 1. ... ♕e1+ 2. ♗f1 ♗b3
6) 1. ♘c8 ♕xd4 2. ♘xe7+
7) 1. ... ♘xd4 2. cxd4 ♕xd4+
8) 1. ♘d4+ ♔g7 2. ♘e6+
9) Drawing
10) 1. ♘f5+ ♔h8 2. ♕xd4
11) 1. ♕g4+ ♔h8 2. ♕b4
12) 1. ... ♘e2+ 2. ♗xe2 ♖h1+ 3. ♔f2 ♖5h2+ (3. ... ♖xa1 4. ♗xh5) 4. ♔e3 ♖xa1

37 - Double attack / Mix: B
1) 1. ♗xe5 dxe5 2. ♘f6+
2) 1. ♖xe3 ♖xe3 2. ♔f2
3) 1. ... ♘e4+ 2. ♔c2 ♘f2
4) 1. ♘xb5 ♕xd2 2. ♘xd6+
5) 1. b4 ♕xb4 2. ♗a3
6) 1. ... ♗d5+ 2. ♕xd5 ♕h1+
7) 1. b4 ♕c6 2. ♘e7+
8) 1. ♖xd5 ♘xd5 2. e6
9) 1. ♘g5+ hxg5 2. ♕h3+ ♗h6 3. ♕xc8
10) 1. ... ♗h4 (1. ... ♖xb2? 2. ♘e7+) 2. ♖g1 ♖xb2
11) 1. ... ♕d5 2. ♔f3 ♕xb3+
12) 1. ♕d8+ ♔xd8 2. ♗g5+

38 - Double attack / Mix: C
1) 1. ♘xc6 ♕xc6 2. ♗f3
2) 1. ... ♘e3 2. ♖xd8+ ♖xd8 3. ♕e2 ♖d1+
3) 1. ... ♕g5+ 2. ♔b1 (2. ♔d1 ♘xb6 3. ♕xb6 ♗g4+) 2 ... ♕b5
4) 1. ... ♕b1+ 2. ♔h2 ♕b8+
5) 1. d5 cxd5 2. ♗c3+
6) 1. ... ♖e1 2. ♗g2 ♘f4+ 3. ♔d2 ♘xg2 (3. ... ♖e2+ 4. ♔d1 ♖xf2)
7) 1. ♗xe5 ♕xe5 2. ♖e3
8) 1. ... ♕xf6 2. gxf6 ♘f3+
9) 1. ... ♘f4+ 2. ♔g5 ♘e6+
10) 1. ... c4 2. ♗a4 b5
11) 1. ♗xf6 ♗xf6 2. ♗g4
12) 1. b4 ♗b6 2. b5

39 - Double attack / Mix: D
1) 1. ♕xd8+ ♔xd8 2. ♖xd6+
2) 1. ♕xa4 ♖xa4 2. ♘b6 h6 3. ♘xa4 (3. ♖d8+)
3) 1. ... a4 2. ♗c4 d5

4) 1. e5 ♗xg2 2. exf6
5) 1. ♘xf6+ ♖xf6 2. ♗d5+
6) 1. ... ♕c8 2. ♘d4 ♗g4
7) 1. e6+ ♕xe6 2. ♘xg5+
8) 1. ... e5 2. ♘xc6 dxc6
9) 1. d6 exd6 (1. ... ♘xd6 2. ♖xc8+ ♘xc8 3. ♗xb5) 2. ♕d5+
10) 1. ♗e2 ♕xe2 (1. ... ♕f5 2. ♗g4; 1. ... ♕d5+ 2. ♗c4; 1. ... ♕f7 2. ♗c4+; 1. ... ♕e5 2. ♖e8+) 2. ♖e8+
11) 1. ... ♘c3 2. ♖xb6 axb6 3. ♕b4 ♘xe2
12) 1. ... ♖xc3 2. ♘xc3 ♗xd3+

40 - Double attack / Mix: E

1) 1. ... ♘b4 2. ♖xd7 (2. axb4 ♖xd4) 2. ... ♘xd3+ 3. ♖xd3 ♖xd3
2) 1. ♕e4 ♖c8 2. ♗e5
3) 1. exd6 cxd6 2. ♕b5+
4) 1. ♘c4 ♘xc4 2. ♗xd5+
5) 1. c5 ♗c7 2. f4 (2. cxd6 ♗xd6 3. f4)
6) 1. ♖g8 ♘d7 2. ♖g6+ ♔xf5 3. ♖xc6
7) 1. ♕e3 ♔g7 (1. ... ♖fc2 2. ♘g5+) 2. ♘xf2
8) 1. ... c5 2. ♘b5 ♖xd3 3. ♖xd3 c4
9) 1. ♕e5 (1. ♕h3 ♕d1 2. c4+ ♖xc4 3. bxc4+ ♔xc4 and White cannot win) 1 ... ♕xe5 2. c4+ ♖xc4 3. bxc4+ ♔xc4 4. fxe5
10) 1. ♘e6 ♕e7 2. ♘xf8
11) 1. ♕c1 ♕e6 2. ♕xc7
12) 1. ♖xf6 ♖exf6 2. ♘xf6+ ♖xf6 3. ♕xe8

41 - Pin / Mix: A

1) 1. ♘xc4 bxc4 2. ♗a4
2) Drawing
3) 1. ... ♘g4 2. f4 ♘xe3 3. ♕e2 ♘xf1
4) 1. ♕xe5 (1. ♗xe5? ♗c7)
5) Drawing
6) 1. ... ♘xf2 2. c5 ♘xe4
7) 1. ♖xd4 ♕xd4 2. ♕xd4
8) 1. ♗xd4 exd4 2. ♗b5
9) 1. ♗a4 ♕d7 (1. ... ♗d7 2. ♕xd5) 2. ♘d4
10) 1. ... ♘xe4 2. ♕h4
11) 1. ♕c3 ♘g6 2. ♘h5+
12) 1. ... ♘xc4+ 2. bxc4 ♖xd6

42 - Eliminating the defence / Mix: A

1) 1. h4 ♕f5 2. ♘xh6+
2) 1. ♘e4 ♕d7 2. ♘xb4
3) 1. ... f5 2. ♕e2 (2. ♕d4 ♘f3+) 2. ... ♕xd5
4) 1. ... ♖e3 2. ♕d2 (2. ♕xe3 ♗d4) 2. ... ♕xc4
5) 1. ... ♘a2
6) 1. ... f5 (1. ... g6 2. ♘g3) 2. exf6ep ♗f5
7) 1. f4 ♕xg2 2. ♗f3
8) 1. a3 ♗c5 2. ♘xc5
9) 1. ... c4 2. ♗xc4 ♘xe4
10) 1. ... ♖e2 2. ♕xf6 ♖xe1+
11) 1. ... ♗f5 2. ♕e3 ♗xd3 3. ♕xd3 ♖xf4
12) 1. ... ♕d4+ 2. ♔h1 ♗xc4

43 - Defend against mate: A

1) 1. ... g6 (1. ... ♘g6 2. ♕xg6)
2) 1. ♖h1 ♖xh1 2. ♗xe4+
3) 1. ... ♗h4 2. ♖f1 ♗xg5
4) 1. g3
5) 1. ... ♗f5 2. ♗xf5 g6
6) 1. ... bxa1♕ 2. ♘f6+ ♕xf6 3. ♕xf6 c1♕
7) 1. ... ♖f7 2. ♕xf7 ♕e1+
8) 1. g8♘ (1. g8♕ ♗d6# ; 1. ♔g8 ♔d6 2. ♔f8 ♕e6 3. ♕h4 ♔d7) 1. ... ♗d6+ 2. ♘e7+
9) 1. ... ♖b6 (1. ... ♖f5 2. ♗d4) 2. ♗e7 ♖xb3
10) 1. ♖f5 ♕xf5 2. ♕xg7#
11) 1. d8♘+ ♔c8 2. ♘e6+ ♔d7 3. ♘xd4
12) 1. ... ♖e3 2. ♖xe3 ♕f4 3. ♖h3+ ♕h6 4. ♖xh6+ ♔xh6

44 - Mate in three: A

1) 1. ♘xg5 hxg5 2. ♕h3
2) 1. ♕xg7+ ♘xg7 2. ♖xd8+ ♘e8 3. ♖xe8#
3) 1. ♗f6 ♘f5 2. ♕h8+ (2. ♕h7+ ♔f8 3. ♕xg7+ (3. ♕h8+ ♗xh8 4. ♖xh8#) 3. ... ♘xg7 4. ♖h8#) 2. ... ♗xh8 3. ♖xh8#
4) 1. ♖xh7+ ♔xh7 2. ♖h1+ ♔g7 3. ♕h6#
5) 1. ♗xh7+ ♘xh7 2. ♕f7+ ♔h8 3. ♘g6#
6) 1. ♗f6+ ♘xf6 (1. ... ♗xf6 2. ♕e4 ♕xe5 3. ♕h7#) 2. ♕xh6+ ♔g8 3. ♖g5#
7) 1. ♗xh7+ ♔h8 2. ♗g6+ ♔g8 3. ♗f7#
8) Drawing
9) 1. ... ♕xf1+ 2. ♔xf1 ♖d1+ 3. ♔g2 h3#
10) 1. ... ♕xh3+ 2. gxh3 ♖h2+ 3. ♔g1 ♘e2#
11) 1. ♕xh6 f6 2. ♕xh7+ ♔f7 3. ♘h6# (3. ♗g6#)
12) 1. ♖h3 gxh3 2. ♖g7

45 - Mate in three: B

1) 1. ... ♕xg2+ 2. ♔xg2 ♗f3+ 3. ♔f1 ♘h2#
2) 1. ♖xh6+ gxh6 2. ♘xf6+ ♔h8 3. ♕g8#
3) 1. ♕g7+ (1. ♖xe6? ♕c1+) 1. ... ♘xg7 2. ♘h6+ ♔h8 3. fxg7#
4) 1. ♕h7+ ♔xh7 2. ♖xh5+ ♔g6 3. ♘f4#
5) 1. ♕xg7+ ♔xg7 2. ♘f5+ ♔g8 3. ♘h6#
6) 1. ♕f8+ ♖xf8 2. ♖xh7+ ♔g8 3. ♘h6#
7) 1. ... ♕h3 2. gxh3 g2+ 3. ♔g1 ♘xh3#
8) 1. ... ♖xg3+ 2. fxg3 ♗c5+ 3. ♔f1 ♕h3#
9) 1. ♕xh7+ ♔xh7 2. ♖h5+ ♔g6 3. ♖h6#
10) 1. ♕h5 ♘xg3 2. ♗xg7+ ♔xg7 3. ♕h7#
11) 1. ♘c6+ ♗xc6 2. ♕c5+ ♔a8 3. ♖b8#
12) 1. ♕xc6+ bxc6 2. ♗xa6+ ♕b7 (2. ... ♔d7 3. ♘f6#) 3. ♘xe7#

46 - Test / Mix: A

1) 1. ... ♘e2+ 2. ♘xe2 ♖xf1+ (2. ... ♖dd1 3. ♘xg3) 3. ♔xf1 ♖d1# (blocking)
2) 1. ... ♕xg3+ 2. ♔xg3 ♘e4+ (double attack: luring)
3) 1. ♕e8+ ♔xe8 2. ♘d6+ ♔f8 3. ♖e8# (double check: luring)
4) 1. ... ♖h8+ 2. ♘h3 g4 (the pin: luring the front piece + attack on a pinned piece)
5) 1. ♕xh7+ ♘xh7 2. ♗xh7+ ♔f8 3. ♘g6# (mate in three: access)
6) 1. ♘xd7 ♕xd7 (2. ... ♘xd7 3. e5 discovered attack) 2. e5 (double attack: square clearance)
7) 1. ... ♘f3+ 2. gxf3 ♗xc3+ (access+discovered check)
8) 1. ♕a4+ c6 2. ♘xc6 e5 3. ♘xe5+ (exploiting vulnerability)
9) 1. ... b4 (1. ... ♘xe8? 2. ♕h8#) 2. ♗xb4 ♘xe8 (capture an unprotected piece: in between move)

10) 1. ♕h5+ ♔e7 (2. ... ♔e6 3. ♕g4+ double attack: chasing) 2. ♕xd5 (double attack thanks to a pinned piece is not a good defender)
11) 1. ♗c6 ♗f6 2. ♖xe8+ (attack on a pinned piece thanks a pinned piece is not a good defender)
12) 1. ♖xb7 ♗xb7 2. ♕xb7 (trapping) 2. ... ♕c6 3. ♗b5 (the pin: luring the front piece)

47 - Test / Mix: B
1) 1. ♕xf8+ ♖xf8 2. ♗xh7+ ♔h8 3. ♖xf8# (mate in three: elimination of the defence by capturing and chasing away)
2) 1. ♖xh5 gxh5 2. ♕xh5+ ♔d7 3. ♗h3# (mate in three: access)
3) 1. ... ♗c8 2. ♕a3 ♘xc4 (elimination of the defence: chasing away + material)
4) 1. ♘f6 ♕xf7 (1. ... ♕xe3 2. ♖h7#; 1. ... ♕xf6 2. ♕e8+ ♗f8 3. ♕xf8#) 2. ♕xh6+ ♕h7 3. ♕xh7#
5) 1. ... ♗xf3 2. ♕xf3 ♕d4+ (double attack: elimination of the defence)
6) 1. ♗b5 a5 2. a3 (trapping)
7) 1. ... ♖xd4 2. ♖xd4 ♕b6 (2. ... c5 3. ♕g3) (the pin: luring the front piece + attack on a pinned piece)
8) 1. ... ♕xg5 2. ♕xg5 ♘f3+ (double attack: luring)
9) 1. a5 ♗xa5 2. ♗d2 (X-ray attack: luring)
10) 1. ... ♕xd4 2. ♖xd4 ♖xf3 (choose the right capture)
11) 1. d6 ♕xd6 2. e5 (double attack: luring)
12) 1. ... ♕xh2+ 2. ♔xh2 ♖h5+ (of eerst 2. ... ♘f3+) 3. ♔g1 ♘f3+ 4. gxf3 ♖dg5# (mate: access)

48 - Test / Mix: C
1) 1. ♕xf7+ ♔xf7 2. ♗g5+ (2. ♗g3+? ♕f6) (discovered check: luring)
2) 1. ♖xf5 ♖xf5 2. g4 (the pin: luring the front piece + attack on a pinned piece)
3) 1. ... ♘b3+ 2. cxb3 ♖c8+ (mate: access)
4) 1. ... ♕xb2 2. ♕xb2 ♘xd3+ (double attack: luring)
5) 1. ♕h7+ ♖g6 2. ♕h3# (mate in two: blocking)
6) 1. ... ♕xf1+ 2. ♔xf1 ♖d1+ 3. ♔g2 h3# (mate in three: access)
7) 1. ... f6 2. ♘ef3 e5 (double attack: targeting)
8) 1. ... ♖xa2+ 2. ♗xa2 ♕c2+ 3. ♔e1 ♖d1# (mate in three: luring away)
9) 1. ... g3 2. h4 ♖xh4 (mate: access)
10) 1. ♘c4 ♕c7 (1. ... ♕b4 2. a3) 2. ♘xe4 (elimination of the defence: chasing away the pinning piece)
11) 1. ... ♘xc3 2. ♕xc3 ♗xg2 (trapping)
12) 1. ... ♖d6 2. fxe5 ♖d7 (trapping: bring in the chaser)

49 - Test / Mix: D
1) 1. ... ♕c1+ 2. ♗b1 ♕c3+ 3. ♗xc3 ♗xc3#
2) 1. ... ♖xa2 2. ♖xa2 ♕xb1+ (double attack: luring)
3) 1. exd6 ♘xd6 2. ♗xe7 ♕b6 3. ♗xf8
4) 1. ♖xd5 exd5 (1. ... ♖xa7 2. bxa7 exd5 3. a8♕) 2. ♖xa8
5) 1. ♖xe6+ fxe6 2. ♗g6#
6) 1. ♕e8+ ♖xe8 2. ♘f7#
7) 1. ♘xd6+ ♕xd6 2. ♕b5+
8) 1. ... ♘d3 2. ♗f4 (2. ♕xc2 ♘xe1+) 2. ... ♘xe1+ (double attack: luring)
9) 1. ♗b6+ ♗e7 2. ♗c5 (the pin: luring the front piece + attack on a pinned piece)
10) 1. ♘d4 ♗b7 2. ♘e6+ (double attack: targeting)
11) Drawing
12) Drawing

50 - Test / Mix: E
1) 1. ... b4+ 2. ♔a2 (2. cxb4 ♖a7#) 2. ... ♖a7# (mate in two: blocking)
2) 1. ♖xc8 ♕xc8 2. ♘d6+ (double attack: luring)
3) 1. ♗f7+ ♔xf7 2. ♕xg6+ ♔e7 3. ♕e6# (double check: luring)
4) 1. ♘d5 ♗d6 2. ♘f6+ (double attack: targeting)

5) 1. e5 ♕xe5 2. ♗xc6+ (elimination of the defence: chasing away)
6) 1. ♕d3 ♕e7 2. ♘c4 (2. ♗xd7 ♕xd7 3. ♘c4 ♕c6) (the pin: luring + attack on a pinned piece)
7) 1. ♕e8+ (1. ♗d5+ ♗e6) 1. ... ♘xe8 2. ♗d5+ ♔h8 3. ♖f8# (mate: access)
8) 1. ... ♘d4 2. ♕d1 ♘f3+ (discovered attack: chasing)
9) 1. ♗g5 ♕xe5 (1. ... ♕xg5 2. ♕xf7#) 2. ♖xd8# (mate: access)
10) 1. ♕xe7 ♗xe7 2. ♗d4+ ♗f6 3. ♗xf6# (mate in three: access)
11) 1. ♕d6 ♕xd6 (1. ... ♖c8 2. ♕e6+) 2. ♘xd6+ ♔e7 3. ♗xc6 (double attack: luring)
12) 1. ♘xb5 axb5 2. ♕xb5+ ♗c6 3. ♕xc5 (double attack)

51 - Test / Mix: F
1) 1. ... ♖g1+ 2. ♗xg1 ♕e2# (mate in two: line clearing)
2) 1. ... ♕xd4 2. ♕xd4 ♘c2+ (double attack: luring)
3) 1. ♘g6+ ♖xg6 (1. ... fxg6 2. ♕xh7+ ♔xh7 3. ♖h4#) 2. ♕xh7+ ♔xh7 3. ♖h4# (mate in three: access)
4) 1. ... ♕f2+ 2. ♖xf2 ♖xf2+ 3. ♔xh3 (3. ♔h1 ♖h2#) 3. ... ♖h2# (mate in three)
5) 1. ♗xe4 ♗xe4 2. ♕b5+ (double attack: elimination of the defence)
6) 1. ... ♗xd3 2. ♔h1 (2. ♕xd3 c4+ discovered check: luring) 2. ... c4
7) 1. ... ♘xd4 2. ♘xd4 a5! (elimination of the defence: chasing away)
8) 1. ... b3 2. ♕xb3 ♗xe2 (elimination of the defence: luring away)
9) 1. ... ♘g4 2. ♘c2 ♘xe3 (elimination of the defence: chasing away/capturing)
10) 1. ... ♖g3+ 2. ♔h2 ♖h3+ 3. ♔xh3 ♗g4# (double attack: luring)
11) 1. ♗h3 ♘xb6 2. ♖xd8 (attack on a pinned piece)
12) 1. ♗b7 ♖xb7 (1. ... ♖h5 2. ♕b3#; 1. ... ♗xb7 2. ♕b3#) 2. ♕a6# (elimination of the defence: interfering)

52 - Test / Mix: G
1) 1. ♖h5+ ♖xh5 2. ♕e1# (line clearing en blocking)
2) 1. ... ♘f3+ 2. ♖xf3 ♕xd2 (elimination of the defence: luring away + material)
3) 1. ♗f4 ♗xf4 2. ♖d8# (elimination of the defence: luring away + mate)
4) 1. ♗b5 ♕d6 2. e5 (double attack: chasing)
5) 1. ♕xh6+ ♔xh6 2. ♖h4+ ♔g7 3. ♖h7# (mate in three: access)
6) 1. ♗c6 ♕xc6 2. ♘xe7+ (double attack: luring)
7) 1. ... ♕c5 2. c3 e5 (elimination of the defence: chasing away + material)
8) 1. ♖c5 ♕b7 (1. ... ♕xf3 2. ♖c8# ; 1. ... ♕xc5 2. ♕a8+ ♖b8 3. ♕xb8+ ♕c8 4. ♕xc8#) 2. ♕xb7 ♖xb7 3. ♖c8# (discovered attack)
9) 1. ♗f4 (1. ♗d2 ♗d6) (discovered attack)
10) 1. ♘xf6+ ♗xf6 2. ♕f4 (the pin: luring the front piece + attack on a pinned piece)
11) 1. ... ♘d4 2. ♖c4 ♘xe2+ 3. ♔f1 ♖xd2 (double attack: targeting)
12) 1. ... ♕xg3+ 2. hxg3 ♗xg3+ 3. ♔e2 ♗c4# (mate in three)

53 - Test / Mix: H
1) 1. ♗c4 h6 2. ♖xg6+ ♔h7 3. ♖xg7+ (discovered check: setting up a battery)
2) 1. e5 ♘d5 2. ♘xd5 cxd5 3. ♗xe7 (attack on a pinned piece)
3) 1. ♗xb7 ♗xb7 2. ♖xd7 (double attack: elimination of the defence)
4) 1. ♖xf6 ♘xf6 2. e5 (the pin: luring the front piece + attack on a pinned piece)
5) 1. ♗xf6 ♗xf6 2. ♘d5 (double attack: luring)
6) 1. ♗xd6 (1. c5+ d5 2. ♗d6) 1. ... ♕xd6? 2. c5+ (discovered check: luring)
7) 1. ♖xc4 ♕xc4 2. ♘d2 (double attack: luring)
8) Drawing
9) 1. ... f5 2. ♘g3 ♕c5+ (elimination of the defence)
10) 1. ♘e7+ ♗xe7 2. ♕xc6+ bxc6 3. ♗a6# (mate in three: access)
11) 1. ♕xh6 gxh6 2. ♖dg4+ ♔h7 3. ♖xh6# (mate in three: access)
12) 1. ... ♖a2 2. ♕e3 gxf4+ 3. ♕xf4 ♖xg2+ (elimination of the defence)

54 - Test / Mix: I

1) 1. ♕a7 hxg5 (1. ... ♖xa7 2. ♖xc8+) 2. ♕xa8 (elimination of the defence: luring away + mate)
2) 1. ♖xd7 ♖xd7 2. ♘b6+ (double attack: luring)
3) 1. ... ♕xc3+ 2. ♖xc3 ♘f2# (elimination of the defence: luring away + mate)
4) 1. ♘d5 ♕xd2 2. ♘xf6+ ♔h8 (2. ... ♔g7 3. ♘xe8+ ♖xe8 4. ♖xd2) 3. ♖xd2 (discovered attack)
5) 1. ... ♘d4 2. ♕a4 ♘e2+ (double attack: targeting)
6) 1. ... ♘f5 2. ♕f2 ♘xd4 (elimination of the defence: capturing + material)
7) 1. ... ♖xc2+ 2. ♔xc2 ♕b2# (mate in two: square clearance)
8) 1. ♕xb7+ ♕xb7 2. ♖xd7 (the pin: luring the front piece + a pinned piece is not a good defender)
9) 1. ... ♖b1+ 2. ♗c1 ♕xc6 3. ♘xc6 ♖xc1+ (elimination of the defence: luring away + material)
10) 1. ... ♘xf2 2. ♕xf2 (2. ♖xf2 ♕g3+ 3. ♖g2 ♕xd3) 2. ... ♗xd3 (double attack: elimination of the defence)
11) 1. ... ♕xb4 2. cxb4 ♖xc2 (elimination of the defence)
12) 1. ♕d5+ ♕xd5 2. cxd5+ ♔xd5 3. ♕xf1 (elimination of the defence: luring away + material)

55 - Test / Mix: J

1) 1. ♗c3+ ♗g7 2. ♖xh6 (the pin: luring the front piece + a pinned piece is not a good defender)
2) 1. e5 ♘e8 2. e6+ (discovered check)
3) 1. ... ♕xe1+ (1. ... ♘h8 2. ♖e3) 2. ♕xe1 ♗xd6+ (verdedigen tegen mat)
4) 1. ♘d6+ ♔e7 2. ♘xe5 (elimination of the defence): interfering)
5) 1. ... ♕d1+ 2. ♗xd1 ♖f1# (mate in two)
6) 1. ... ♘xc1 2. ♖bxc1 ♗h6 (X-ray attack)
7) 1. ♗xf7+ ♘xf7 2. ♘e6 ♕b6 3. ♘xg7+ (double attack: elimination of the defence)
8) 1. ♗xf7+ ♔h8 2. ♕xh7+ ♔xh7 3. ♖h4# (mate in three: access)
9) 1. ♖a8 ♕c6 2. ♖xc8+ ♕xc8 3. ♕xd1 (elimination of the defence: luring away + material)
10) 1. ♕a4+ ♗d7 (1. ... ♔d8 2. 0-0-0) 2. ♗xf7+ (discovered attack: setting up a battery)
11) 1. ♕h7+ ♔xh7 2. ♘g5+ ♔h8 3. ♘f7# (double check: luring)
12) 1. ♗h6 f6 (1. ... gxh6 2. ♘f6+) 2. ♗xg7 (elimination of the defence: access)

56 - Test / Mix: K

1) 1. ... ♕f2+ 2. ♕xf2 ♘h3# (mate in two: luring away + mate)
2) 1. ... ♘e5 (1 ... ♘e7 2. g5) (1 ... ♘d8 2. ♖e8#) 2. ♘xe5 ♖e8 (defending by pinning)
3) 1. e6 ♗xe6 2. ♘xe6 fxe6 3. ♕xg4 (elimination of the defence): interfering)
4) 1. ♖f8+ ♗xf8 2. ♕f7+ ♔d8 3. ♕d7# (mate in three: access)
5) Drawing
6) 1. ♕xd5 cxd5 2. ♗b5+ (elimination of the defence: luring away + material)
7) 1. ♘b3 ♖xd1+ 2. ♖xd1 (discovered attack)
8) 1. c3 ♕b6 2. ♕xb6 axb6 3. ♘xg4 (elimination of the defence: chasing away + material)
9) 1. ♕xh5 ♗xg5 2. ♕xh7+ (mate: access)
10) 1. ... ♘c2 2. ♖e2 ♘b4 (double attack: targeting)
11) 1. ♘c7+ ♕xc7 2. ♕xf7+ ♗xf7 3. ♗xf7# (mate in three: line clearing)
12) 1. ... c4 2. ♘xf6+ exf6 (elimination of the defence: luring away + material)