Step 2 extra

2 - Defence / Getting out of check: A
1) 1. ♔g2 (1. ♖f1 ♗h2#)
2) 1. ... ♔xd5 (1. ... ♔f5 2. ♕xe5#)
3) 1. ... ♔e7 protects the queen
4) 1. ... ♗d7 (1. ... ♘bd7 2. ♗e2)
5) 1. ... c6 2. ♘e5 cxb5
6) 1. ... ♘xf6 (1. ... ♗xf6 2. ♘xd7)
7) 1. ♘xg5 ♕xg5+ 2. f4
8) Drawing
9) Drawing
10) 1. ... b5 (1. ... c6 2. ♘xe4; 1. ... ♗c6 2. ♕d1)
11) 1. ♔d1 (1. ♘e2 ♖g8)
12) 1. ♔d1 (1. ♔f1 ♘b6) 1. ... ♘b6 2. ♖e1

3 - Defence / Getting out of check: A
1) 1. ♔xg5 (1. fxg5? ♕f2+ 2. ♕xf2 ♖xf2; 1. ♔h5 ♕xh3+)
2) 1. ... ♔g5 (1. ... ♔xe5 2. ♖e1#) ½-½
3) 1. ... ♔f7 (1. ... ♔h8 2. ♕xf8+)
4) 1. ♔g2 (1. ♔e2 ♕e4#)
5) 1. ♕g3 (1. ♔h1 ♕g2#)
6) 1. ... ♔b8 (1. ... ♔a7 2. ♘xc8+; 1. ... ♔c7 2. ♘xe8+)
7) 1. ... ♗e8 (1. ... ♔g7 2. ♕f6+; 1. ... ♖e8 2. ♖xe8+ ♗xe8 3. ♕xe8+)
8) 1. ... ♗d6 (1. ... ♔c8? 2. ♕e8#; 1. ... ♔a8 2. ♕e8+) 2. ♗xd6+ ♔a8
9) 1. ... ♔h7 2. ♕xg4 ♕xf1#
10) 1. ... ♕xf8 (1. ... ♖e8 2. ♕xd6; 1. ... ♗b8 2. ♕xg8) 2. ♖xf8+ ♗b8
11) 1. ♔d2 (1. ♗e2 ♗g4; 1. ♔d1 ♗g4)
12) 1. ... ♔d7 (1. ... ♔f6 2. g4; 1. ... ♔f7 2. ♘d6+) 2. ♖g8 g4+

4 - Mate / Mate in one: A
1) 1. ... ♗f1#
2) 1. ... ♘d2#
3) 1. ♕c3#
4) 1. ... ♕h6#
5) 1. ... ♗d1#
6) 1. ... b1♘#
7) 1. ♘e4#
8) 1. ♕d5#
9) 1. ♕h3#
10) 1. ... ♘h3#
11) 1. e8♘#
12) 1. ♘g4#

5 - Choose the right capture: A
1) 1. ... ♕xh3 2. ♕xh3+ ♖xh3
2) 1. ♖xb2 (1. ♖xe7 ♖b1+)
3) 1. ♖xd7 (1. ♖xd6? ♖xe7)
4) 1. hxg4
5) 1. ♕xd7
6) 1. ... ♕xb5 (1. ... ♕xd6? 2. ♕xd6! (2. ♕e8+? ♕f8) 2. ... ♖xd6 3. ♖e8#)
7) 1. ♗xc5

8) 1. ... ♖xb5 (1. ... ♘xb5+? 2. ♔c5) 2. ♖xa3 ♖xg5
9) 1. ... ♔xg7 (1. ... ♗xb1 2. ♗xf8)
10) 1. ... ♕xe7 2. ♗xe4 ♕h4+
11) 1. ♘xc6
12) 1. ♔xe2 ♖xa5 2. ♘c6+

6 - Winning material: A
1) 1. ♖axc8
2) 1. ♕xc7 (1. ♖xc7? ♕e1#; 1. ♕xa4 ♕xh2+ 2. ♔f1 ♕h1+)
3) 1. ♖xe5
4) 1. ... ♘xe1 (1. ... ♘xe5? 2. ♗xe5)
5) Drawing
6) 1. ... ♗xc4 (1. ... ♕xc4? 2. ♗b3)
7) 1. ♗xd5+ (1. ♕xd5+? ♗f7)
8) 1. ♖xd7 (1. ♗xd7 ♔f6)
9) 1. ♕xe5 (1. ♖xe5? ♗d6)
10) 1. ... ♖xc6 (1. ... ♗xc6? 2. ♘xe6) 2. ♘xc6 ♗xc6
11) 1. ... ♘xd6 (1. ... ♖xd6? 2. ♖xe8+; 1. ... ♕xd6 2. ♖xe8+)
12) 1. ... ♗xd4 (1. ... ♕xd4? 2. ♖xh8+)

7 - Double attack / Queen: A
1) 1. ♕e4+ f5 2. ♕xb4
2) 1. ♕c4+ (1. ♗xf6 ♗b4+) 1. ... ♔h8 2. ♕xc5
3) 1. ♕c4+ ♔h8 2. ♕xb4
4) 1. ... ♕e3+ 2. ♔h1 ♕xc3
5) 1. ... ♕g5+ 2. ♔c2 ♕xg7
6) 1. ♕g6+ ♔e7 2. ♕xf5
7) 1. ♕d1+ ♗d6 2. ♕xg4
8) 1. ... ♕a6+ 2. ♔g1 ♕xa3
9) 1. ... ♕c8+ 2. ♔b1 ♕xe8
10) 1. ... ♕h4+ 2. ♗f2 ♕xc4
11) 1. ... ♕f5+ 2. ♕c2 ♕xf4
12) 1. ... ♕g5+ 2. ♔b1 ♕xg3

8 - Double attack / Queen: B
1) 1. ♕c3 0-0 2. ♕xc5
2) 1. ♕e4 ♘c6 2. ♕xg4
3) 1. ♕c4 ♘xe5 2. ♕xc5
4) 1. ♕a4 ♘xg2+ 2. ♗xg2
5) 1. ♕e1 ♘c6 2. ♕xe4
6) 1. ♕d3 c4 2. ♕xe4
7) 1. ... ♕d4 2. ♖e2 ♕xa4
8) 1. ... ♕e1 2. ♖b5 ♕xe2
9) 1. ... ♕f5 2. ♖d1 ♕xc5
10) 1. ♕d1 ♗e5 2. ♕xh5
11) 1. ♕g3 d6 2. ♕xg7
12) 1. ... ♕d8 2. ♘c4 ♕xh4

9 - Double attack / Queen: C
1) 1. ♕c3+ ♔g8 2. ♕xc7
2) 1. ♕h4+ ♔g8 2. ♖xd8+
3) 1. ... ♕a5+ 2. ♕d2 ♕xf5
4) 1. ♕c4+ ♔h8 2. ♕xc5 (2. ♘xc5 b5)

5) 1. ♕a4+ ♘c6 2. ♕xh4
6) 1. ... ♕b4+ 2. c3 ♕xd6
7) 1. ... ♕g5+ 2. ♖d2 ♗xg4
8) 1. ♕b5+ ♘c6 2. ♕xg5
9) 1. ♕d5+ ♔h8 2. ♕xc6
10) 1. ♕b5+ ♔e7 2. ♕xb7
11) 1. ♕e1+ ♔d5 2. ♖xf2
12) 1. ... ♕h6+ 2. ♔b1 ♕xh4

10 - Double attack / Queen: D
1) 1. ♕a4 ♗e6 2. ♕xd4
2) 1. ... ♕b4 2. b3 ♕xd4
3) Drawing
4) 1. ♕b4 ♘c6 2. ♕xg4
5) 1. ♕h5 ♖ef8 2. ♕xc5
6) 1. ... ♕f5 2. ♘h6+ gxh6
7) 1. ... ♕f5 2. ♖e1 ♕xg4
8) 1. ... ♕e8 2. ♗g2 ♕xa4
9) 1. ... ♕e7 2. ♗c4 ♕xb4
10) 1. ... ♕f6 2. ♖f1 ♕xc3
11) 1. ... ♕d8 2. ♘xh7 ♔xh7
12) 1. ♕d2 (1. ♕b7 ♘f6) 1. ... c3 2. ♕xd7

11 - Double attack / Queen: E
1) 1. ♕f3 f6 2. ♕xa8
2) 1. ♕e5 ♔f8 2. ♕xg3
3) 1. ... ♕e5 2. g3 ♕xa5
4) 1. ... ♕d4 2. ♗e3 ♕xa1
5) 1. ... ♕b6 2. 0-0 ♕xb4
6) 1. ♕a5 ♖d7 2. ♕xh5
7) 1. ♕g2 c6 (1. ... ♘e5 2. ♕xb7#) 2. ♕xg6
8) 1. ... ♕f6 2. ♕b2 ♕xg5
9) 1. ... ♕e4 2. f3 ♕xb1+ or even stronger 2. ... ♕c2!
10) 1. ... ♕d4 2. ♕c6 ♕xh4
11) 1. ♕c5 ♕b4 2. ♕xe3
12) 1. ... ♕b4 2. ♗b3 ♕xe1+

12 - The pin / Pin: A
1) 1. ♗c4
2) 1. ♗f5
3) 1. ♗e6
4) 1. ♖g3
5) 1. ... ♗c4
6) 1. ... ♗g5
7) 1. ... ♗h6
8) 1. ... ♗a6
9) 1. ... ♗h4
10) 1. ... ♗e3
11) 1. ♖h7
12) 1. ... ♗h6

13 - The pin / Pin: B
1) 1. ... ♗b4

2) 1. ... ♕d6 (1. ... ♕c7 2. ♘xg6 e5 brings less) 2. ♕e3 ♕xe5
3) 1. ♕b3
4) 1. ♕f7
5) 1. ... ♕a5
6) 1. ♗f1 ♗xh3 2. ♗xd3
7) 1. ♕e1
8) 1. ♕e4
9) 1. ♕a6
10) 1. ♕d2
11) 1. ... ♕e6
12) 1. ♗c2

14 - The pin / Pin: C
1) 1. ♖h1
2) 1. ... ♖d8
3) 1. ♗c2 ♘e5 2. ♖h7#
4) 1. ♖b1 (1. ♖h8+ ♖g8)
5) 1. ... ♖c8 (1. ... ♗f1 2. ♕a4)
6) 1. ... ♗d5
7) 1. ♗c3
8) 1. ... ♕f8 (1. ... ♕d6 2. ♕c8+)
9) 1. ... ♖c7 2. ♗xd7 ♖c1+
10) 1. ... ♖b2
11) 1. ... ♗e7
12) 1. ... ♗g4 2. ♕e3 ♕d1#

15 - The pin / Pin: D
1) 1. ♗d2 ♕f5 2. ♕xc3 (2. ♕xf5? ♘e2+ 3. ♔h1 exf5)
2) Drawing
3) Drawing
4) 1. ... ♕e4
5) 1. ♗f5 g6 2. ♗xe4
6) 1. ... ♕b5 (1. ... ♕d5 2. ♖c2)
7) 1. ♕f4
8) 1. ... ♖d8 (1. ... ♖d5? 2. ♗g7+)
9) 1. ♕c2 (1. ♕d3 ♘f2+; 1. ♕b1 ♘g3+)
10) 1. ♕c1 (1. ♕c3? ♗xf2+)
11) 1. ♖c2 (1. ♖c1 ♘d3+)
12) 1. ♗f3 (1. ♗c4? ♘f4) 1. ... ♘b6 2. ♗xa8 ♘xa8 3. ♘c3

16 - The pin / Pin: E
1) 1. ♖d1 g6 2. ♖xd4
2) 1. ... ♖b8
3) 1. ... ♗b7 2. ♕g5 ♕g2#
4) 1. ♕a4
5) 1. ♗f8 ♕xb2 2. ♕h6#
6) 1. ♖e1 (1. ♕f2? ♗xc4)
7) 1. ♗b5
8) 1. ♖xb7
9) 1. ♗e5 ♕xe5 2. ♖xe5
10) 1. ♗c2
11) 1. ♗c4 ♕xd4 2. ♗xf7#
12) 1. ... ♗c5 2. ♕xg7 ♖g1#

17 – Eliminating the defence / Chasing away: A

1) 1. ... c6 2. ♘b4 ♗xf4
2) 1. ♖d6+ ♔c7 2. ♖dxe6
3) 1. ... ♗h4+ 2. ♔d1 (2. ♖f2 exf5) 2. ... ♕xf1+
4) 1. ... h6 2. ♕e3 ♗xf6
5) 1. d5 ♘e5 2. ♘xa5
6) 1. c4 ♕a5 2. ♗xd6
7) 1. ♘c3 ♕xa3 2. ♕xf7+
8) 1. a5 ♗c7 2. ♖xe3
9) 1. ... ♘b4 2. ♕d2 ♗xe4
10) 1. ♗c5 ♕d7 2. ♗xg6
11) 1. ♘c4 ♕c7 2. ♗xc5
12) 1. ... ♘g4 2. ♕d2 ♕xc5

18 - Eliminating the defence / Luring away: A

1) 1. ♗xf7+ ♔xf7 2. ♕xd8
2) 1. f5+ ♔xf5 2. ♖xd7
3) 1. ♗e8+ ♔xe8 2. ♕xc6+
4) Drawing
5) Drawing
6) 1. ... c4 2. ♗xc4 ♗xe4
7) 1. ... ♗e3+ 2. ♔b1 ♗xf4
8) 1. ... ♘xf2 2. ♔xf2 ♕xh1
9) 1. ... ♗h2+ 2. ♔xh2 ♕xf1
10) 1. ♖e7+ ♖xe7 2. ♕xb1
11) 1. c7 ♕xc7 2. ♕xf6
12) 1. ♗g5 ♕xg5 2. ♖xe6

19 - Eliminating the defence / Capturing: A

1) 1. ... ♕xd4 2. ♘xd4 ♗xa4
2) 1. ... ♗xe5 2. ♕xc7 ♗xc7
3) 1. ... ♗xc3 2. ♕xd4 ♗xd4
4) 1. ... ♖fxb7 2. ♖xb8 ♖xb8
5) 1. ♖xd5 ♕xe5 2. ♖dxe5
6) 1. ♗xf6 ♕xf6 2. ♕xg4
7) 1. ... ♖xe2+ 2. ♔xe2 ♖xc3
8) 1. ... ♘xd2 2. ♖xd2 ♗xc3
9) 1. ... ♖xc3 2. ♗xc3 ♕xa4
10) 1. ♗xf6 gxf6 2. ♘xd7
11) 1. ... ♗xf3 2. ♗xf3 ♖xg5
12) 1. ... ♘xf2+ 2. ♖xf2 ♖xe3

20 - Eliminating the defence / Luring away: B

1) 1. ♘xe5 (1. ♗xc5? ♘xf3+) 1. ... dxe5 2. ♗xc5
2) 1. ... ♖xh2+ 2. ♔xh2 ♕xf3
3) 1. ♖xd6 ♖xd6 2. ♕xa8+
4) 1. ... ♖xe1+ 2. ♖xe1 ♗xd4
5) 1. ... ♗xh6 2. ♕xh6 ♘xd4
6) 1. ... ♗xd2+ 2. ♘xd2 ♘xg5
7) 1. ♘xe6 (1. ♘xg6 fxg6 2. ♕xg6+ ♔d7) 1. ... fxe6 2. ♕xg6+
8) 1. ... ♖xd2 2. ♘xd2 ♕xh4
9) 1. ... ♘bxd3 2. cxd3 ♘xb3
10) 1. ♘xd6 ♖xd6 2. ♗xe7

11) 1. ... ♖xc4 2. ♘xc4 ♖xg4+
12) 1. ... ♗xc4 2. ♖xc4 ♕xd1

21 - Passed pawn: Eliminating the defence: A
1) 1. ... ♗d3
2) 1. ... ♕xb2 (1. ... ♕f4 2. ♕xc2)
3) 1. ♗f5+ ♗xf5 2. g8♕
4) 1. ♖xh8 ♖xh8 2. ♗b8
5) 1. ♕b8 g6 2. ♕xe8+ ♔g7 3. ♕f8+
6) 1. ♘c6+ ♖xc6 2. f8♕+
7) 1. ♔e4 (1. b8♕ c5+ 2. ♔xc5 ♗xb8) 1. ... ♗g3 2. b8♕
8) 1. d5 cxd5 2. g8♕
9) 1. ♖e1 ♔g7 2. ♖e8
10) 1. ♖f8+ (1. ♖h4 ♔h7 2. ♖xh3 g5) 1. ... ♔xf8 2. h7
11) 1. ... ♖e1+ 2. ♖xe1 dxe1♕+ 3. ♔xe1 ♖xh2
12) 1. ♘f5 ♘xf5 (1. ... ♔xf5 2. ♔xd6) 2. c8♕

22 - Mate / Mating pattern (♕♘): A
1) 1. ♕g5+ ♔h8 2. ♕f6#
2) 1. ... ♕f2+ (1. ... ♖f8 2. ♕f4) 2. ♔h1 ♘g3#
3) 1. ... ♘f3+ 2. ♔h1 ♕g1#
4) 1. ... ♕h3+ 2. ♔g1 ♘f3#
5) 1. ... ♕h4+ 2. ♔f1 ♕f2#
6) Drawing
7) 1. ♕h6+ ♔g8 (1. ... ♔e7 2. ♕d6#) 2. ♘f6#
8) 1. ... ♘f2+ 2. ♔h2 ♕e5#
9) 1. ♕h6+ ♔g8 2. ♘e7#
10) 1. ♕h4+ ♔g7 2. ♕h8#
11) 1. ♕e8+ ♔g7 2. ♘f5#
12) 1. ♕h8+ (1. exf8♕+? ♔xf8) 1. ... ♔xh8 2. exf8♕#

23 - Mate / Mating pattern (♕♗): B
1) 1. ♕xf7+ ♔h8 2. ♕f6#
2) 1. ... ♕g3+ 2. ♔h1 ♕h3#
3) 1. ♕f6+ ♔g8 2. ♕g7#
4) 1. ... ♕f2+ 2. ♔h3 (2. ♔h1 ♗d5#) 2. ... ♗e6#
5) 1. ♗a7+ ♔c7 2. ♕b6#
6) 1. ♕d7+ ♔g8 2. ♕g7#
7) 1. ♖f6+ gxf6 2. ♕xf6#
8) 1. ♕f8+ ♖g8 2. ♕xh6#
9) 1. ♕f8+ ♔g6 2. ♗e4#
10) 1. ... ♗f2+ 2. ♔d2 ♕e3#
11) 1. ... ♗a6+ 2. ♔e3 ♕e2#
12) 1. ♕a7+ ♔d6 2. ♕a3#

24 - Mate / Mating pattern (♖♘): C
1) 1. ... ♘c3+ 2. ♔a1 ♖a2#
2) 1. ♘e7+ ♔h7 2. ♖h1#
3) 1. ♕xh7+ ♖xh7 2. ♖xh7#
4) 1. ... ♕h1+ 2. ♗xh1 ♖xh1#
5) 1. ♖h8+ ♔g7 2. ♖g8#
6) 1. ... ♖g2+ 2. ♔h1 ♘g3#
7) 1. ♘f6+ ♔h8 (1. ... ♔f8 2. ♖f7#) 2. ♖h7#

8) 1. ... ♖g1+ 2. ♗xg1 ♖xg1#
9) 1. ... ♖f1+ 2. ♔h2 ♖h1#
10) 1. ... ♖b2+ 2. ♔d1 ♘c3#
11) 1. ♘g6+ ♔e8 2. ♖f8#
12) 1. ♘h7+ ♔e7 2. ♖c7#

25 - Mate / Mating pattern (♕♖/♖♖): D
1) 1. ... ♕c1+ 2. ♔g2 ♕h1#
2) 1. ... ♕h8+ 2. ♔g2 ♕h1#
3) 1. ♕h6+ ♔f7 2. ♕f6#
4) 1. ... ♕e3+ 2. ♔f1 ♕e1#
5) 1. ♕c4+ ♔b7 2. ♕c8#
6) 1. ♖d8+ ♔e7 2. ♕g5#
7) 1. ... ♖5b3+ (1. ... ♖1b3+ 2. ♔a4!) 2. ♔a2 ♖1b2#
8) 1. ♖d1+ ♔c5 2. ♖e5#
9) 1. ... ♘f3+ 2. gxf3 ♖e1# (2. ... ♖c1+? ♕xc1)
10) 1. ... ♖d5+ 2. ♔c1 ♖xe1#
11) 1. ♗f5+ g6 2. ♖xf7#
12) 1. ♘xc6+ (1. ♘xg6+? fxg6 2. ♖xe4+ ♔f7) 1. ... bxc6 2. ♖xe4#

26 – Mate in two: A
1) 1. ... ♕e1+ 2. ♖xe1 ♖xe1#
2) 1. ... ♕xe1+ 2. ♖xe1 ♖xe1#
3) 1. ♕f8+ ♖xf8 2. ♖xf8#
4) 1. ♕e6+ ♗xe6 2. ♗xe6#
5) 1. ... ♕xf2+ 2. ♖xf2 ♖xf2#
6) 1. ♕c6+ ♗xc6 2. ♗xc6#
7) 1. d5+ exd5 2. cxd5#
8) 1. ♖g6+ ♕xg6 2. ♕xg6#
9) 1. ♕f8+ ♖xf8 2. ♖xf8#
10) 1. ♕f5+ gxf5 2. ♗xf5#
11) 1. ♗g6+ fxg6 2. fxg6#
12) 1. ... ♕e4+ 2. dxe4 fxe4#

27 – Double attack (♖♗♘♙): A
1) 1. ♘d6+ ♔f8 2. ♘xb7
2) 1. ♗b6 ♕d7 2. ♗xa5
3) 1. ♗d5 ♕d7 2. ♗xe4
4) 1. ... d4 (1. ... ♗h2+? 2. ♔f2)
5) 1. ... ♘c2 2. ♕g5 ♘xa1
6) Drawing
7) 1. ... ♘d4 2. ♕d1 ♘e2+
8) 1. f4 ♕e7 2. fxe5
9) 1. ... ♖c5 2. ♕xc5 ♘xc5
10) 1. ... ♗d4 2. ♗e3 ♗c3+
11) 1. ... ♘e1 2. ♕d1 ♘xf3+
12) 1. ... ♖f2 2. ♔h5 ♖xa2

28 – Double attack (♖♗♘♙): B
1) 1. ♗g4+ ♕xg4 2. ♕xg4+
2) 1. b4 ♕d8 2. ♖xc5
3) 1. ... ♖f4 2. ♕c2 ♖xh4
4) 1. b4

5) 1. ... ♘xf4 2. ♕e3 ♘xe6
6) 1. ♘c6 ♕b6 2. ♘xb4
7) 1. ... ♗f3 2. ♘f2 ♕g2#
8) 1. ♘c7 ♖b8 2. ♘e8#
9) 1. ♗e6 ♘h4 2. ♗xd7
10) 1. ... ♘c3 2. ♕b3 ♘xe2+
11) 1. ♘b6 (1. ♘d6? ♕xd6) 1. ... ♕e6 2. ♘xc8
12) 1. ... ♖f2 2. ♕xe1 ♖h2#

29 – Double attack (♖♗♘♙): C
1) 1. ♘a7+ (1. ♘e7+? ♔b8 2. ♘xg6 ♕b1+ (2. ... fxg6) 3. ♕e1 ♕d3+) 1. ... ♔b7 2. ♘xb5
2) 1. ... ♗g4 2. ♕h8 ♗xe2
3) 1. ... ♖e2+ 2. ♖xe2 ♖xe2+ 3. ♔g1 ♖xd2
4) 1. ... ♘g8 2. ♕e3 ♘xe7
5) 1. e5 ♘xe5 2. ♘xe5 (2. ♗xe5)
6) 1. ♖f5 ♗g6 (1. ... ♘xd3 2. ♗xd3) 2. ♖xe5
7) 1. ... ♘b8 2. ♕a4 ♗xa6
8) 1. ♗c3 b6 2. ♗b4#
9) 1. ... ♗xe3+
10) 1. ... ♖d3 2. ♗b2 ♖h3#
11) 1. ♘f4 ♗xe5 2. ♘xg2
12) 1. ♘df6+ (1. ♘xd6? ♘xd6) 1. ... ♗xf6 2. ♘xf6+

30 - Double attack / Cooperation: A
1) 1. ♕g3 ♘e4 2. ♕xg6
2) 1. ... ♔f6 2. ♖d7 ♖f1#
3) 1. ... ♘g4 2. ♕f3 ♕xh2#
4) 1. ♗g5 ♕xc4 2. ♕d8#
5) 1. ... ♘f4 2. ♕h4 ♕xg2#
6) 1. ♕b5 ♗f6 2. ♗xc6
7) 1. ♗d3 ♕xb2 2. ♕h7#
8) Drawing
9) 1. ♕f6+ ♔h7 2. ♕xe7
10) 1. ... ♕h5 2. h3 ♗xe2
11) 1. ♘c6 ♕c7 2. ♕e7#
12) 1. ♔f3 ♖b4 (1. ... ♔g6 2. ♔xe4) 2. ♗e8#

31 - Double attack / Cooperation: B
1) 1. ♕h3+ ♔d8 2. ♖xh8
2) 1. ♘e8 f6 2. ♘xc7
3) 1. ♗d3 ♖c1 2. e4#
4) 1. ... ♔e5 2. ♖ff7 ♖a3#
5) 1. ♕b3
6) 1. ♕g5 ♗e6 2. ♕xf6
7) 1. ... f2 (1. ... ♖e8 2. gxf3; 1. ... fxe2 2. ♖xe2) 2. ♖f1 (2. g3 fxe1♕+) 2. ... ♖h8#
8) 1. ♘g5 ♕xg4 2. ♘f7#
9) 1. ♗e5 (→ 2. ♖xg7+ / 2. ♗xc3)
10) 1. ♔c2 ♖a3 (1. ... ♔b7 2. ♔xd3) 2. ♖b1+
11) 1. ♘d3 c5 (1. ... ♖d1 2. ♖d4#) 2. ♘xe1
12) 1. ... ♗b2 (1. ... ♖e5+ 2. ♔d4 ♖e1+ 3. gxf6 ♖xc1 4. f7)

32 - Double attack / Discovered attack: A
1) 1. ♘d5+ cxd5 2. ♕xb4

2) 1. ... ♘a3+ 2. ♔a1 ♕xe2
3) 1. ♗g6+ hxg6 2. ♕xd5
4) 1. ... ♘f3+ 2. gxf3 ♕xb5
5) 1. d7+ ♘xd7 2. ♕xf4
6) 1. ♘g5+ hxg5 2. ♗xd5
7) 1. ... ♗d5+ 2. ♔g1 ♖xf5
8) 1. g6+ ♘xg6 2. ♕xa5
9) 1. ♘e7+ ♔h8 2. ♖xd8
10) 1. ... ♘f3+ 2. gxf3 ♖xe1+
11) 1. ♘g5+
12) 1. ... ♘d3+ 2. ♕xd3 ♗xd3

33 - Double attack / Discovered attack: B
1) 1. ... d4 2. exd4 ♕xg5
2) 1. dxc5 ♗xc5 (1. ... ♗xg3 2. hxg3) 2. ♕xg4
3) 1. d5 c5 2. dxe6
4) 1. ... ♗c4 (1. ... ♗g4? 2. ♗xg4) 2. ♕d4 ♗xe2
5) 1. ♘b1 ♖xd5 2. ♕xf6
6) 1. ♘g6 ♕b6 2. ♘xf8
7) 1. ... ♘b6 2. ♕b3 ♗xh3
8) 1. ♘e1 ♖xd2 2. ♕xd2
9) 1. ♘d4 ♕xg2+ 2. ♔xg2
10) 1. d4 ♕b6 2. dxc5
11) 1. ♘c6 ♕b7 (1. ... d4 2. ♘bxd4) 2. ♕xc5
12) 1. d6 (of 1. dxc6) 1. ... ♗f8 2. ♗xf7#

34 - Double attack / Discovered attack: C
1) 1. d6 ♕xd6 2. ♕xf7#
2) 1. ♗xa6 ♗xa6 2. ♕h7#
3) 1. ♗d3 ♖xd3 2. ♖h8#
4) 1. ♗c2 ♖xa2 (1. ... ♘xh5 2. ♖xa8) 2. ♗g6#
5) 1. ... e3 2. ♕xe3 ♕xb4+
6) 1. ... ♘g4 2. e5 ♘xe5
7) 1. ... ♗c6 2. ♖xd8+ ♖xd8
8) 1. ♘d5 e5 2. ♘xe7+
9) 1. ♗h6 f6 (1. ... gxh6 2. ♖xd8+) 2. ♖xd8+
10) 1. ... ♘c3 2. bxc3 ♕xg2#
11) 1. ... ♘e5 2. ♕xe7 ♘d3#
12) 1. ♘d6 (1. ♘g5 ♕f5)

35 - Double attack / Discovered attack: D
1) 1. ♘d6+ ♗xd6 2. ♕xb6
2) 1. ♘g6 ♕c5 2. ♘xf8
3) 1. ♘e6+ fxe6 2. ♕xd8+
4) 1. ♗f8 ♕xd4 (1. ... ♘xh6 2. ♕xf6+) 2. ♗g7#
5) 1. ... c4 2. ♗xc4 ♕xg5
6) 1. ... ♗e4
7) 1. ... ♘f6 2. ♖e1 ♗xd4
8) 1. ... e4 2. ♖d1 exd3
9) Drawing
10) 1. ... d5 2. g3 (2. ♗b3 ♕xh2#) 2. ... dxc4
11) 1. ... ♘c2 2. ♕xb6 (2. ♖xc2 ♕xf2) 2. ... ♘a3#
12) 1. ... ♘xe4 2. dxe4 ♗xc3+

36 - Defend against mate: A

1) 1. ♗h4
2) 1. ♘f4
3) 1. ... ♖c8
4) 1. ... ♕h5+
5) 1. ... ♗d3
6) 1. ... ♔f7 (1. ... a2 2. ♗e8#)
7) 1. ♕d2
8) 1. ... ♘h5 (1. ... ♕f8 2. ♕xf8+ ♔xf8 3. ♖c8+)
9) 1. b3 (1. ♘e7+ ♔d8)
10) 1. f6
11) 1. ... ♖a8
12) 1. ... g6 (1. ... h6 2. ♕f7+ ♕xf7 3. exf7#)

37 - Defend against mate: B

1) 1. ... ♘h6 (1. ... ♕e8 2. ♕xg8#)
2) 1. ... ♘xe5
3) 1. ... ♖b7
4) 1. ... ♕e3 (1. ... c6 2. ♕e6+ ♔c7 3. ♖g7)
5) 1. ♔e1 (1. g3 ♕d1+ 2. ♔g2 ♕g1#)
6) 1. ... ♕b5 (1. ... ♕e7 2. ♘c4+ ♔d7 3. ♘e5+)
7) 1. ... ♗c8 (1. ... ♖c8 2. ♖xa7)
8) 1. ... ♘f8 (1. ... ♘xf6 2. exf6)
9) 1. ... ♔g7
10) 1. ♕c6+ ♔b8 2. ♕h1
11) 1. ... ♗e4 1. ... g6 2. ♕xf6) 2. ♗xe4 ♕xe4
12) 1. ... ♕f8 (1. ... ♖f8? 2. ♖g6+ ♔h4 3. ♖g4#)

38 - Defend against mate: C

1) 1. ... ♕f6 (1. ... g6? 2. ♕xg6) 2. ♕h3+ ♕h6
2) 1. ♗b5+ axb5 2. ♕xc3
3) 1. h5 (1. ♖a4? ♘h3#; 1. ♖a3? ♘e4#)
4) 1. ... ♕a3 2. ♕g2+ ♕g3
5) Drawing
6) 1. ♕f1 (1. ♖xc5? ♕f4+)
7) 1. ♕b7+ (1. g4 fxg3+ 2. ♔g2) 1. ... ♖xb7 2. axb7
8) Drawing
9) 1. ... ♖d7+ (1. ... ♖b8? 2. ♖f8)
10) 1. ... ♕d3 (1. ... ♖b2? 2. ♕h7#; 1. ... g6? 2. ♕h3#)
11) 1. ♖f1 ♖e1 2. ♖d1
12) 1. ♖f8+ (1. ♕d7? ♕e8; 1. g4?; 1. ♖d3? ♕d1+ 2. ♖xd1 ♖xd1#; 1. ♔f1? ♕g6) 1. ... ♖xf8 2. ♕xh5

39 - Winning material / Intermediate move: A

1) 1. ♗xf7+ ♔xf7 2. ♘xb7
2) 1. ♗d6 (1. gxh5? ♖xf4) 1. ... ♖e8 2. gxh5
3) 1. ♕a8+ ♔h7 2. ♕xe4+
4) 1. ♖b8+ (1. ♖b3 ♖e7)
5) 1. ... ♕xf3 (1. ... ♕e5 2. ♕a4) 2. ♘xf3 bxa5
6) 1. ... ♕xf7 2. ♖xf7 ♖xe4
7) 1. ... ♗c6 2. f3 ♗xc3
8) 1. ... ♕b1+ 2. ♖xb1 ♖xb1+ 3. ♔g2 cxd4
9) 1. ♕f3 (1. ♕a3? ♕c6)
10) 1. ... ♗b7

11) 1. ♕c3 (1. ♕xe4 ♕xa5)
12) 1. ♖f1 (1. ♖c3? ♗b4)

40 - Winning material / Intermediate move: B
1) 1. ♕b2+ (1. ♕xc4? ♕e7; 1. ♕e5+ f6) 1. ... ♔g8 2. ♖xd7
2) 1. ... ♕xc3+ 2. bxc3 bxa4
3) 1. ... ♕g5+ (1. ... ♖xa1? 2. ♕d8#) 2. ♔h2 ♖xa1
4) 1. ♘e4+ (1. ♖xa5 ♖xc3) 1. ... ♔g6 2. ♖xa5
5) 1. ♖d3 (1. ♖xg6 ♗a3+)
6) 1. c4 ♕c5 2. cxb5
7) Drawing
8) 1. ... ♕b5 (1. ... ♕e6? 2. ♖e1)
9) 1. ... ♕xf1 (1. ... ♕xd1+? 2. ♖xd1 ♖xc6 3. bxc6; 1. ... ♖xc6? 2. ♖xf3 ♖xf3 3. bxc6) 2. ♕d5+ (2. w♖xf1 ♖xf1+ 3. ♔b2 ♖xc6) 2. ... ♕f7
10) 1. ♘d2 (1. ♕xd4? ♕b1#) 1. ... ♕d3 2. ♕xd4
11) 1. ♕f3 (1. ♕a3? ♕f2; 1. ♕h6? ♕f2)
12) 1. ♖a4 (1. ♖f4 ♖e8; 1. ♖e1 ♘c2) 1. ... ♖e8 2. ♖xa1

41- Defending against a passed pawn: A
1) 1. ... ♕h2 (1. ... ♕b2? 2. ♗b5+ ♔f7 3. b8♕)
2) 1. ... ♖h1 2. ♔xg2 ♖a1
3) 1. ... ♖xe7 (1. ... ♖xd6? 2. ♖xf7+) 2. dxe7 ♘d6
4) 1. g4+ ♔xg4 2. ♔g2
5) 1. b4+ (1. ♗d4? ♗b3) 1. ... axb3 2. ♗d4
6) 1. ... ♗f1+ (1. ... ♔c7? 2. d8♕+ ♔xd8 3. ♗xb5) 2. ♔g4 ♔c7
7) 1. ♖a1 ♖g1+ 2. ♔d2
8) 1. ♖d3 (1. ♖e7+? ♘e6) 1. ... e1♕ 2. ♖e3+ ♕xe3+ 3. fxe3
9) 1. ♖f5 ♔e3 2. ♖xf2 ♔xf2 3. e4
10) 1. ♘a8+ (1. ♘d5+ ♗xd5+) 1. ... ♗xa8 2. ♖b6
11) 1. ♘e7+ ♔g5 2. ♘d5 d2 3. ♘c3
12) 1. ... ♘d6 (1. ... ♘e5? 2. ♗xe5+ ♔c2 3. b8♕) 2. ♗xd6 ♕d5+ 3. ♔g1 ♕xd6

42- Defending against a passed pawn: B
1) 1. ... ♗f4 2. g8♕ ♗xe5+ 3. ♕g7 ♗xg7+
2) 1. ... ♖e6 (1. ... ♖f2+? 2. ♔d1 ♖f1+ 3. ♔e2) 2. ♘xe6+ ♔d7
3) 1. ♔g4 (1. ♗f1? h3) 1. ... g2 2. ♗xg2 ♔xg2 3. ♔xh4
4) 1. ... ♗e4+ (1. ... ♗f5? 2. a4 ♔b2 3. a5 ♗c8 4. a6 ♗xa6 5. d7) 2. ♔g3 ♗c6 3. ♔f4 ♔b2
5) 1. ♘d3 f1♕ (1. ... ♘xd3 2. ♖f1) 2. ♖xe1+
6) 1. ♖c1 ♖b1 (if Black waits then White will bring his king to h2: 1. ... ♔g6 2. ♔g1 f5 3. ♔h2 ♔f6 (3. ... ♖b1 4. ♖g1) 4. ♖a1) 2. ♖e1
7) 1. ♗g2 hxg2 stalemate (1. ... ♗xg2 stalemate)
8) 1. ... ♖h8+ (1. ... ♖e8? 2. ♖f8) 2. ♔g2 ♗f6 3. ♖e3 ♖e8
9) 1. ♕e8+ ♔h7 2. ♕e3
10) 1. f5 h3 2. ♗e5 ♗xf5
11) 1. ♖c8+ (1. ♖f4? ♘d3+) 1. ... ♔g7 2. ♖c7+ ♔g8 3. ♖f7
12) 1. ... ♖d5+ 2. ♔xd5 (2. ♔c7 ♖d7+ en 3. ♖xb7) 2. ... ♗g2+ 3. ♔e6 ♗xb7

43- Double attack / Queen: F
1) 1. ♕h5+ (1. ♕b5+? ♘d7) 1. ... ♔d8 2. ♕xa5
2) 1. ♕a8+ (1. ♕h1+? ♖h7) 1. ... ♔g7 2. ♕xb7+
3) 1. ... ♕e2+ (1. ... ♕c2+? 2. ♖d2) 2. ♔g3 ♕xd1
4) 1. ♕e4 (1. ♕a4? ♗f3)
5) 1. ... ♕b6+ (1. ... ♕e6+? 2. ♕c4+)

6) 1. ♕c7+ (1. ♕e5+? ♕e6) 1. ... ♔e6 2. ♕xh2
7) 1. ♕e2+ (1. ♕c6+? ♕d7) 1. ... ♔f7 2. ♕xb5
8) 1. ♕f4 (1. ♕f2 ♘g6) 1. ... ♔g8 2. ♕xh4
9) 1. ... ♕b5+ (1. ... ♕e2+ 2. ♕c2+) 2. ♔a2 ♕xf1
10) 1. ... ♕f8+ (1. ... ♕b6+? 2. c5) 2. ♗f3 ♕xb4
11) 1. ... ♕e5+ (1. ... ♕a5+ 2. b4)
12) 1. ... ♕c2+ (1. ... ♕c6+ 2. ♘e4+) 2. ♔g1 ♕xa4

44 - Thinking ahead: A
1) 1. ♔g3 ♕c6 (1. ... ♕h5 2. ♖c1+ ♕d1 3. ♖xd1#; 1. ... ♔f1 2. ♖c1+ ♔e2 3. ♖xh1)
2) 1. ♗d6 ♗xc4+ 2. ♖xc4 ♖xd6
3) 1. ... ♗xb2 2. ♕b5+
4) 1. ... f5 2. ♔d4
5) 1. ♗xf5 ♖gc4 (1. ... ♖cc4? 2. ♖e8+)
6) 1. ... c2 2. ♔b6 c1♕ 3. ♖d8+
7) 1. ♕xb4 ♕xd5 2. ♕c3
8) 1. ... ♗xe3+ 2. ♘xe3
9) 1. ... ♖f2+ 2. ♔g1 ♖xf1+
10) 1. ... ♕xa3 2. ♗xf7+
11) 1. c8♕ ♖xc8+ 2. bxc8♖ (2. bxc8♕? stalemate)
12) 1. ... ♗d6 2. ♕xe4

45 - Thinking ahead: B
1) 1. ♕c5 ♘c6 (1. ... ♕b6+ 2. ♕xb6 axb6 3. ♗xd4)
2) 1. ♕g8+ ♔h6 (1. ... ♔f6 2. ♗d8#) 2. g5#
3) 1. ♖g7+ ♔xf6 2. ♕a1#
4) 1. ♖c8+ ♔g7 2. ♖xb8 (2. d8♕? ♖b1+) 2. ... ♗xb8 3. d8♕
5) 1. g6 ♕e7 (1. ... ♕f4 2. ♕d8#; 1. ... ♕b6 2. ♕f7#)
6) 1. ... f3 2. ♖f1
7) 1. ... gxf4 2. ♖ee2 (2. ♖e1 ♖xg2; 2. ♖xa2 bxa2+ 3. ♔xa2)
8) 1. ... ♖f3+ 2. ♔a5 ♖xf4
9) 1. ... ♕xe5+ 2. ♔h1 (2. ♔g1 ♕xd4+; 2. g3 ♕e2+)
10) 1. ♗c4 ♖e7 (1. ... ♖a5? 2. ♖e8+)
11) 1. f4 ♕xf4 2. ♕xg3+ (2. ♕xf4 ♘e2+) 2. ... ♕xg3 3. ♖xg3+
12) 1. ... ♖xg5 2. ♕d2+ (2. ♕f6+? ♕e7)

46 - Thinking ahead: C
1) 1. ♗xg7 ♖g5+ 2. ♔f1 ♖xg7
2) 1. ... ♘d4 2. ♕d1 ♘c6
3) 1. ... a3 2. ♕d4
4) 1. ... ♕xb4+ 2. ♔a2 (2. ♔a1? ♖h1+; 2. ♔c1 ♖h1+)
5) 1. ♖c8 ♖b1+ 2. ♔c2 ♔xd7
6) 1. ♖a4 ♘xc2 2. ♕xc2 ♗xb3
7) 1. ♔f3 ♖d2 (1. ... ♖xh2? 2. ♖c8+)
8) 1. ♖b1 ♖c1 2. ♖aa1 d1♕ 3. ♖xc1+
9) 1. ♘exf4+ (1. ♘hxg4+? ♔f5 2. ♗g4+ ♔g5) 1. ... ♔f5 2. ♗g4#
10) 1. ♘g6 ♘b4
11) 1. c7 ♕xd5+ 2. ♗xd5 ♗xd5+
12) 1. ♖d1+ ♗d5 (1. ... ♔e8? 2. ♖d8#; 1. ... ♔c8 2. g7 ♖g8 3. ♖d8+)

47 - Test / Mix: A
1) 1. ♕d8+ ♔b7 2. ♘a5# (2. ♕b8+? ♕xb8) (mate in two)
2) 1. ... ♕xb6 (1. ... ♔b8 2. ♕d6#) (getting out of check)

3) 1. ... ♗d5 2. ♖xb6 ♗xe4 (double attack: bishop)
4) 1. ♘b5 ♕c6 2. ♗xd6 (double attack: knight)
5) 1. ... ♘g4 2. ♘g3 ♗xb2 (discovered attack)
6) 1. ♖xe7+ ♖xe7 2. ♕xg8 (eliminating the defence: luring away + material)
7) 1. ♕xe5+ ♔d7 2. ♕e6# (mate in two)
8) 1. ♕xb8 (1. ♗xd6? ♖xb7 2. ♗xb7 exd6)
9) 1. ♕e4 0-0 2. ♕xe5 (pinning)
10) 1. ... ♘c4 2. ♕e2 ♖xf4 (eliminating the defence: chasing away + material)
11) 1. ... c4 (1. ... a5 2. ♘d3#) (defending against mate)
12) Drawing

48 - Test / Mix: B
1) 1. ♗h5
2) 1. ♗b6 ♗c7 2. ♗xa5 (double attack: bishop)
3) 1. ... ♔h6 (1. ... ♔g8? 2. ♕d5+) (1. ... ♔g6? 2. ♕e4+) (getting out of check)
4) 1. ... ♕e5 (double attack: queen)
5) 1. ... ♖xd4 2. ♕xe4 ♖xe4 (eliminating the defence: capturing + material)
6) 1. ... ♘xd4 2. ♕xd7 (2. ♗xd4 ♕xa4) 2. ... ♘xe2# (discovered attack)
7) 1. ♕h6+ ♔g8 2. ♕f8# (mate in two)
8) 1. ♕e5 f6 2. ♕xd6 (double attack: queen)
9) 1. ... ♘h7 2. ♗h4 ♕xe3 (eliminating the defence: chasing away + material)
10) 1. ... ♘d3+ (double attack: knight)
11) 1. ♖xf8 (1. ♖c3 ♖ba5) (defending against mate)
12) 1. ♖xg7+ ♖xg7 (1. ... ♔h8 2. ♕f8#) 2. ♕xe5 (eliminating the defence: luring away + material)

49 - Test / Mix: C
1) 1. ♕d4 (1. ♕f6 ♘e6) 1. ... ♘e6 2. ♕xa7 (double attack: queen)
2) 1. ♗c4 (pinning)
3) 1. ♖d1 (1. ♕xc1 ♖xc1+) (getting out of check)
4) 1. ♕a4 (1. ♕d5 ♘c5) 1. ... ♘c5 2. ♕xa5 (double attack: queen)
5) 1. ... ♗xf3 2. ♕xf3 ♗xg5 (eliminating the defence: capturing + material)
6) 1. ... ♗e3+ 2. ♔h2 ♖xf1 (eliminating the defence: chasing away + material)
7) 1. ... ♗g6 (1. ... ♗xd3? 2. ♕xd3+ ♔g8 3. ♕g3+)
8) 1. ... ♕e3+ 2. ♔f1 ♕e1# (mate in two)
9) 1. ♗xf8 ♔xf8 2. ♗xd7 (eliminating the defence: luring away + material)
10) 1. ♕b2 (1. h3 ♕f3+ 2. ♔h2 ♕f2+ 3. ♔h1 ♕xg3) (defending against mate)
11) 1. ♗c7 (defending against mate)
12) 1. ♘b6+ axb6 2. ♕xd8# (discovered attack)

50 - Test / Mix: D
1) 1. ♖e5 ♘ce4 2. ♖xf5 (double attack: rook)
2) 1. ♕h4# (1. ♕f7+ ♘xf7; 1. ♕b4+ ♔f6) (mate in one)
3) 1. ♖h4 ♗g4 2. ♖h8# (mate in two)
4) 1. ♕b4 ♘b6 2. ♕xa5 (double attack: queen)
5) 1. ♖xd5 ♕xd4 2. ♖xd4 (eliminating the defence: capturing + material)
6) 1. ... d5 2. ♗d3 ♖xf3 (eliminating the defence: chasing away + material)
7) 1. ♗b5 ♗d7 2. ♗xc6 (pinning)
8) 1. ... ♕e5 2. ♖fe1 ♕xc5 (double attack: queen)
9) 1. f3 (1. ♕b3 c4) (defending against mate)
10) 1. ... ♘xb3 2. cxb3 ♖xd3 (eliminating the defence: luring away + material)
11) 1. ♘f5 ♕e6 2. ♕xg7+ (double attack: 2 pieces)
12) 1. ♘c6 ♕e8 2. ♘xb8 (double attack: knight)

51 - Test / Mix: E

1) 1. ... ♖b6 (1. ... ♖e5? 2. ♘g6+ ♔g8 3. ♘xe5 fxe5 4. ♖e7) (defending: moving away)
2) 1. ♕c3 ♘ce5 2. ♘c7+ (double attack: queen)
3) 1. ... ♗c5 (pinning)
4) 1. ... ♗c5+ 2. ♔g2 ♖xd1 (discovered attack)
5) 1. ... ♔g7 (1. ... fxe6? 2. ♕f8#) (1. ... ♔f5? 2. ♕xf7#) (getting out of check)
6) 1. ... ♘d3+ 2. ♔d2 ♘xc1 (double attack: knight)
7) Drawing
8) 1. ... e4 2. ♘xe4 ♘xe4 3. ♗xe4 ♗xa1 (double attack: pawn)
9) 1. ... g4 2. ♗e2 ♗xe4 (eliminating the defence: luring away + material)
10) Drawing
11) 1. ♕d4 ♕g6 2. ♕xc4 (double attack: queen)
12) 1. ♔c1 (defending against mate)

52 - Test / Mix: F

1) 1. ... ♗xf2+ 2. ♖xf2 ♕xc4 (discovered attack)
2) 1. ... ♖e2+ (1. ... ♖xc8? 2. ♘xd6+ ♔e6 3. ♘xc8) 2. ♔h3 ♖xd2 (choose the right capture)
3) 1. ♕a3# (mate in one)
4) 1. c4 ♗c6 2. ♗xe6 (eliminating the defence: chasing away + material)
5) 1. ... ♗h3+ 2. ♔g1 ♖f1# (mate in two)
6) 1. ... ♗b5 (pinning)
7) 1. ♕c4 ♗e7 2. ♕xd5 (double attack: queen)
8) 1. ... ♘xf3+ 2. ♗xf3 ♗xg5 (eliminating the defence: capturing + material)
9) 1. ♗d2 (defending against mate)
10) 1. ♕e4 f5 2. ♕xd4 (double attack: queen)
11) 1. ♗d6 a5 2. ♗xf8 (double attack: bishop)
12) 1. ♗f7+ ♔xf7 2. ♕xd8 (eliminating the defence: luring away + material)

53- Test / Mix: G

1) 1. ... ♕h6+ 2. ♕xh6 gxh6 (defending against mate)
2) 1. ... ♖c8 (1. ... ♖c5/d6? 2. ♘e4+; 1. ... ♖b6/c7? 2. ♘d5+) (defending: moving away)
3) 1. g4 ♖f7 2. ♗xg5 (eliminating the defence: chasing away + material)
4) 1. ... ♘f7 (1. ... ♔h8? 2. ♖xf8+) (getting out of check)
5) 1. ♘f6+ ♗xf6 2. ♕xd7 (discovered attack)
6) 1. ... ♕e5 2. ♗f4 (2. ♗b3 ♕xg5) 2. ... ♕xd5 (double attack: queen)
7) 1. ... a2+ 2. ♔xa2 ♕xc1 (eliminating the defence: luring away + material)
8) 1. ... ♗c2 2. ♘c3 ♗xd1 (double attack: bishop)
9) 1. ... ♗c4 (pinning)
10) 1. ... ♘f3+ 2. ♔f1 (2. ♔d1 ♘e3#) 2. ... ♖f2# (mate in two)
11) 1. ... ♘e4 2. ♕f4 ♘xd2 (double attack: knight)
12) 1. ♖xg7+ ♔xg7 2. ♖xa1 (eliminating the defence: capturing + material)

54 - Test / Mix: H

1) 1. ... ♗e5+ 2. ♔a3 ♖a1# (mate in two)
2) 1. ♕e2 ♖a1 (1. ... ♔f7 2. ♕xf1) 2. ♕h5# (double attack: queen)
3) 1. ♖h4 (1. ♘f4? ♖xh5+ 2. ♘xh5 ♕h8)
4) 1. ♘d4+ ♔d5 2. ♗f7# (mate in two)
5) 1. ♘a4 (1. ♘d5 ♖b2+) (discovered attack)
6) 1. ♗xe7 ♘xe7 2. ♖xa5 (eliminating the defence: luring away + material)
7) 1. ♖g2
8) 1. ♕f3 c6 2. ♘xf5 (double attack: queen)
9) 1. ... ♕d8 (defending against mate)
10) 1. ... ♘b6 2. ♕b3 ♕xe2+ (eliminating the defence: chasing away + material)

11) 1. ... ♘h3+ 2. ♔g2 ♕xf3# (mate in two)
12) 1. ♕d4 e5 2. ♕xc4 (double attack: queen)

55 - Test / Mix: I

1) 1. ♕b5+ ♘d7 2. ♕xb7 (double attack: queen)
2) Drawing
3) Drawing
4) 1. ♘b6 ♘f6 2. ♘xa8 (discovered attack)
5) 1. ♕e3 e6 2. ♕xh6 (double attack: queen)
6) 1. ... ♖d1+ 2. ♔xd1 ♕xd3+ (eliminating the defence: luring away + material)
7) 1. ... ♘d2 2. ♕c2 ♘xf1 (double attack: knight)
8) 1. ♖e6 (pinning)
9) 1. ... ♔f6 (1. ... ♔xf5/d5? 2. ♘e7+; 1. ... ♔f7? 2. ♘e5+) (getting out of check)
10) 1. ... ♘c3+ 2. bxc3 d5# (mate in two)
11) 1. ♖g1 (1. ♗g1 ♕xf3#; 1. ♖a8+ ♔f7) (defending against mate met pennen)
12) 1. ♕e7+ ♔d5 2. ♕e6# (mate in two)

56 - Test / Mix: J

1) 1. ♗f5 (pinning)
2) 1. ... ♕a5+ 2. ♘c3 ♕xg5 (double attack: queen)
3) 1. ♗xf5 ♕xh3 2. ♗xh3 (eliminating the defence: capturing + material)
4) 1. ♖d2 (1. ♕f2 ♕xd1+) (defending against mate)
5) 1. ♘e7+ ♔h7 2. ♖f7# (mate in two)
6) 1. ♗g6+ hxg6 2. ♕xd5 (discovered attack)
7) 1. ♕e4 g6 2. ♕xc6 (double attack: queen)
8) 1. ... ♕b8# (mate in one)
9) 1. ♘b6 ♕d8 2. ♘xa8 (double attack: knight)
10) 1. b6+ ♔a8 2. ♘c7# (mate in two)
11) 1. ♘d5 ♕g7 2. ♖xe6 (eliminating the defence: chasing away + material)
12) 1. ♗d5 ♗d7 2. ♗xe4 (double attack: bishop)