

# Step 3 plus

## 2 - X-ray protection: A

- 1) 1. ♖xb6+ ♗xb6 2. ♗xb6
- 2) 1. ♕d5+ cxd5 2. ♗xd5#
- 3) 1. ♗g7+ (1. f7+ ♗xb2+ 2. ♔xb2 ♖xf7) 1. ... ♖xg7 2. fxg7#
- 4) 1. ♗xb7+ ♗xb7 2. ♕xb7#
- 5) 1. ♕xc5+ (1. ♗d3 ♗xd3) 1. ... ♕xc5+ 2. ♗xc5+
- 6) 1. ♗a4 bxa4 2. ♕xa4#
- 7) Drawing
- 8) Drawing
- 9) 1. ♗a8+ ♗xa8 2. ♗xa8#
- 10) 1. ♗f7
- 11) 1. ... ♗xc3+ 2. ♕xc3 ♕xc3+
- 12) 1. ♗xb6+ ♕xb6 2. ♗xb6+

## 3 - X-ray protection: B

- 1) 1. ♕e6+
- 2) 1. ... ♗e2+
- 3) 1. ... d4
- 4) 1. ♗c4+
- 5) 1. ♕e2+ ♗xe2+ 2. ♗xe2
- 6) 1. ♖b6 ♗xb6 2. ♗xb6
- 7) 1. ... c5 2. ♖c6 (2. ♗xa5 ♕xa5) 2. ... cxb4
- 8) 1. ... ♖g3+ 2. ♔g1 (2. ♗xg3 ♗xf1+ 3. ♕xf1 ♗xg3) 2. ... ♖xf1
- 9) 1. ♕f7
- 10) 1. ♗g6+ ♗xg6 (1. ... ♔h8 2. ♗xg4) 2. hxg6+
- 11) 1. ... ♖xf2
- 12) 1. ♖h5+ (1. ♗xc5 ♗h4+)

## 4 - X-ray protection: C

- 1) 1. ♗d8+ ♗xd8 2. ♗xd8+ (eliminating the defence: chasing away+material)
- 2) 1. ... ♖xh3+ 2. ♔h2 ♗xg4 (eliminating the defence: capturing+material)
- 3) 1. ... ♖f3+ (1. ... ♗xf4? 2. gxf4 ♖f3+ 3. ♔g2) 2. ♔h1 ♗xf4 (discovered attack)
- 4) 1. ♗a5 ♗c7 2. ♗a8 ♗cxb7 3. ♗xb8+ (chasing i a passed pawn)
- 5) 1. ♗a8+ ♔g7 2. ♗d8 (defending against mate)
- 6) 1. ♗xd3 ♗xd3 2. ♗xd7 (X-ray attack)
- 7) 1. ♗e1 ♕xe1 2. ♗xe1 (2. ♗xe1) (defending against mate)
- 8) 1. ... ♕f3 2. ♗4xf3 ♗hxf3 3. ♗xf3 ♗xf3+ (threatening mate)
- 9) 1. ♖xg6+ (1. ♗xf6+? ♗xf6 2. ♖xg6+ ♗xg6 3. ♗f8+ ♗g8) 1. ... hxg6 2. ♗xf6+ (discovered attack)
- 10) 1. ... ♗h6+ 2. ♔g1 ♗xc1+ 3. ♗xc1 ♗xc1+ (double attack: queen)
- 11) 1. ... ♗c1+ 2. ♖b1 (2. ♗xc1 ♗xc1+ 3. ♖b1) 2. ... ♗xb1+ 3. ♗xb1 ♗xb1# (mate)
- 12) 1. g4+ ♔g5 2. ♗e5+ (chasing and mate)

## 5 - Exploiting pinned pieces: A

- 1) 1. ♗xf7 ♗xf7 2. ♗xe8+ (eliminating the defence: capturing + material)
- 2) 1. ... ♖g3 2. ♗e3 ♗xe3 3. ♕xe3 ♖xf1 (double attack: knight)
- 3) 1. ♕g4+ ♗xg4 2. ♗xg4+ (double attack: bishop)
- 4) 1. ♖c5+ ♔c8 2. ♗g4+ (double attack: knight)
- 5) 1. ... ♗e4+ 2. ♕e2 ♗xb1 (double attack: queen)
- 6) 1. b4 (trapping)
- 7) 1. ♖f5 ♗a7 2. ♖h6# (double attack: knight)

- 8) 1. ♖g5+ ♕h8 2. ♖xg3 (2. ♕xf6+) (double attack: queen)
- 9) 1. g4+ ♕xg4 2. ♖xg6+ (eliminating the defence: luring away + material)
- 10) 1. f4 (1. ♕d6? ♖a5) (trapping)
- 11) 1. ♖g6+ (1. ♖c6 ♕xf4+ 2. ♖xf4 ♖c8) 1. ... fxg6 2. ♕xg8 (double attack: knight)
- 12) 1. ♖xd6+ ♖xd6 2. ♖xc4 (eliminating the defence: luring away + material)

#### 6 - Exploiting pinned pieces: B

- 1) 1. ♕a5 (trapping)
- 2) 1. ... b5 2. cxb6 ♖xc4 (double attack: pawn)
- 3) 1. ... ♖xf3 2. gxf3 (2. ♖xf3 ♖d1#) 2. ... ♖xd3 (eliminating the defence: capturing + material)
- 4) Drawing
- 5) 1. ... ♖d3 2. ♖xe4 ♖xb3+ (double attack: rook)
- 6) 1. g4+ (1. ♖f7+? ♕g6) 1. ... ♕h6 2. gxf5 (double attack: pawn)
- 7) 1. ... ♖e5 2. ♕xf7+ ♖xf7 (double attack: knight)
- 8) 1. ... ♕f3 2. ♖g5 ♖xg5 and 3. ♕xg5 ♕xe2 (double attack: bishop)
- 9) 1. ... ♖g5 2. ♖e2 ♖xe3 or 2. ... ♕xe3+ (double attack: queen)
- 10) 1. ♕d4 (trapping)
- 11) 1. ... ♖xf3 2. ♖xf3 ♖xa2 (eliminating the defence: luring away + material; overload)
- 12) 1. ... ♖d1+ 2. ♕g2 (2. ♕xd1 ♖g1#) 2. ... ♖xg4+ (2. ... ♖xg4+? 3. ♕h3) (double attack: queen)

#### 7 - Exploiting pinned pieces: C

- 1) 1. ... ♖xf3+ 2. ♖xf3 ♕xe4 (1. ♖d8+ ♕e7 2. ♖xc7+ ♖xc7 3. ♖xh8)
- 2) 1. ... ♖e3+ 2. ♕b1 ♖xc3 (2. ... ♖xg5? 3. ♖xc8) 3. bxc3 ♖xg5 (double attack: queen)
- 3) 1. ♖xd6+ ♕d8 2. ♖xc4 (double attack: knight)
- 4) 1. ... ♖xg3+ 2. ♕g1 (2. fxg3 ♖xf1+) 2. ... ♖xg2+ 3. ♕xg2 ♖xf1 (double attack: knight)
- 5) 1. ♖xb7+ ♕e8 (1. ... ♖xb7 2. ♖c8#) 2. ♖xd6+ (double attack: knight)
- 6) 1. ♕g4 (trapping)
- 7) 1. ... ♖d3 2. ♕h2 ♖xc3 (double attack: rook)
- 8) 1. ♕e2 (trapping)
- 9) 1. c4 (1. ♖d6 ♖c3) (double attack: pawn)
- 10) 1. ♖d8+ ♕e7 (1. ... ♖xd8 2. ♖xc7 - luring away + material) 2. ♖xc7+ ♖xc7 3. ♖xh8 (x-ray attack)
- 11) 1. ♕e7 ♖xd1 2. ♕xd1 (double attack: bishop)
- 12) 1. ... ♖h5+ 2. ♖h3 ♖xe2 (luring away + material)

#### 8 - Exploiting pinned pieces: D

- 1) 1. ♖g5 fxg5 (1. ... ♖xh3 2. ♖xe8+) 2. ♖xe3 (discovered attack)
- 2) 1. ... ♕b3 (1. ... ♕f3? 2. ♖b1+ ♕c6 3. ♕g5) 2. ♖b1 ♖xd2+ 3. ♕g1 ♖d1+ (3. ... c4) (chasing away + material)
- 3) 1. ♕e4 (trapping)
- 4) 1. ... ♖f3 2. ♖xg5 (2. g3 ♖xd5) 2. ... ♖d1# (double attack: queen)
- 5) 1. ♖h6 ♖e7 (1. ... ♖xh6 2. ♖f7#) 2. ♖g6# (eliminating the defence: luring away + mate)
- 6) 1. ... ♖d3 2. cxd3 (2. ♖e2 ♖xb3+ 3. ♕b1 ♖d2+) 2. ... ♖xb3+ (double attack)
- 7) 1. ♖c5 ♖xd3 (1. ... ♖xc5 2. ♖xd8+) 2. ♖xd3 (3. ♕xd3? b6) (saving a piece)
- 8) 1. ... ♕e4 (trapping)
- 9) 1. ... ♖g4 (double attack)
- 10) 1. ... ♕c3 2. ♖xc3 (2. bxc3 ♖b1+) 2. ... ♖xd2 (double attack: bishop)
- 11) 1. ... ♖xb5 2. ♖a8+ ♕f7 3. ♖a7+ ♖b7 (3. ... ♕f6? 4. ♖f8+) (eliminating the defence: luring away + material)
- 12) 1. ... ♖f3 (2. gxf3 ♖g1#) (trapping)

#### 9 - Mate in two / Pinned pieces: A

- 1) 1. ... ♖g3+ 2. hxg3 ♖h3#
- 2) 1. ... ♖h4+ 2. gxh4 ♖h3#

- 3) 1. ... ♖xg5+ 2. fxg5 ♗g4#
- 4) 1. ... ♗g5+ (1. ... ♗xg4+ 2. ♖xg4!) 2. hxg5 ♖h8
- 5) 1. ♗f4+ g4 (1. ... gxf4 2. ♗f6#) 2. ♗xg4#
- 6) 1. b4+ cxb3 2. c4#
- 7) 1. ♗e8+ ♗xe8 2. ♖xe8#
- 8) 1. ♗g6+ ♗xg6 2. ♖xg8#
- 9) 1. ♗xh6+ ♗xh6 2. ♖h7#
- 10) 1. ... ♗f3+ 2. gxf3 ♖g1#
- 11) 1. ♗d7 ♖xd7 2. ♖f8#
- 12) 1. ♗d4+ cxd4 2. a4#

10 - Pawn endings / Rook pawn: A

- 1) 1. ... ♔d6 2. ♔g5 ♔e7 3. ♔g6 ♔f8 4. h4 (4. ♔h7 ♔f7) 4. ... ♔g8
- 2) 1. ... ♔c6 2. ♔b8 ♔b5
- 3) 1. ... f4 2. gxf4 gxf4 3. ♔xf4 ♔h5
- 4) 1. ... a5 2. ♔b6 ♔e6 3. ♔xa5 ♔d7 4. ♔b6 ♔c8
- 5) 1. ... h3 2. gxh3 ♔g7
- 6) 1. ... ♔f3 (1. ... ♔d3 2. ♔d5 ♔c3 3. ♔c6 ♔b4 4. ♔b7) 2. ♔d6 (2. ♔d5 ♔f4 3. ♔c6 ♔e5 4. ♔b7 ♔d6 5. ♔xa7 ♔c7) 2. ... ♔e4 3. ♔c6 ♔e5 4. ♔b7 ♔d6 5. ♔xa7 ♔c7
- 7) 1. ♔b5 ♔d6 2. ♔b6 ♔d7 3. ♔b7
- 8) Drawing
- 9) 1. ♔e5 ♔d3 2. ♔d5 ♔c3 3. ♔c5
- 10) 1. ♔c6 (1. ♔c7 ♔c5 2. ♔b7 ♔d6 3. ♔xa7 ♔c7) 1. ... ♔a5 (1. ... ♔c4 2. ♔b7 ♔c5 3. ♔xa7 ♔c6 4. ♔b8) 2. ♔b7
- 11) 1. a6 (1. ♔b7 ♔c5 2. ♔xa7 ♔c6)
- 12) 1. ♔f3 ♔e1 2. ♔g4 ♔e2 3. ♔xh4 ♔f3 4. ♔g5

11 - Pawn endings / Rook pawn: B

- 1) 1. a6 (1. ♔b5 ♔d7 (1. ... c5 2. a6 ♔c7)) 1. ... ♔c6 2. ♔a5
- 2) 1. ♔g6 (1. h4? ♔f5 2. h5 ♔f6 3. h6 ♔f7; 1. ♔h6? ♔f5) 1. ... ♔f4 2. h4 ♔g4 3. h5
- 3) 1. ... c4 (1. ... ♔c3 2. ♔xc5 ♔xb3 3. ♔b5 ♔c3 4. ♔xa5) 2. bxc4 ♔xc4 3. ♔xa5 ♔c5
- 4) 1. ... ♔f8 (1. ... ♔f7 2. ♔xh7)
- 5) 1. ♔f2 (1. ♔f1 h3 2. ♔f2 ♔h2 3. ♔xf3 ♔g1) 1. ... ♔h2 (1. ... h3) 2. ♔xf3 ♔g1 3. ♔g4
- 6) 1. ♔f5 (1. ♔f4 h3 2. gxh3 ♔d6 3. ♔f5 ♔e7 4. ♔g6 ♔f8) 1. ... h3 2. gxh3 ♔d7 3. ♔g6 ♔e8 4. ♔g7 ♔e7 5. h4
- 7) 1. a4 (1. ♔f4 ♔xa3 2. ♔e3 ♔xa2 3. ♔d2 ♔b2) 1. ... ♔xa2 2. ♔f4 ♔b3 3. ♔e3 ♔xa4 4. ♔d2 ♔b3 5. ♔c1
- 8) 1. a4+ ♔xa4 2. ♔c2 (2. ♔c1 ♔b5 3. ♔d2 ♔c4 4. ♔e3) 2. ... ♔b4 3. ♔d3
- 9) 1. a3 (1. ♔e5 b4 2. ♔f5 ♔f8 3. ♔e6 ♔e8 4. ♔d5 ♔f7 5. ♔c4) 1. ... ♔f8 2. ♔e6 ♔e8 3. ♔d6 (3. f7+ ♔f8=)
- 10) 1. ... ♔c7 (1. ... ♔c8? 2. a6 ♔c7 3. ♔a7 ♔xc6 4. ♔b8) 2. ♔a7 ♔xc6 3. a6 ♔c7 ♔b8) 2. ♔b7
- 11) 1. a4 (1. ♔b3 ♔a1 2. ♔b4 ♔xa2) 1. ... bxa4 2. a3 ♔c1 3. ♔b4 ♔c2 4. ♔xa4 ♔c3 5. ♔b5
- 12) 1. ... ♔a4 2. ♔c2 ♔b4 3. ♔b1 ♔b3 (3. ... ♔c3 4. ♔a2 ♔d3 5. ♔xa3 ♔e3 6. ♔b2 ♔f3 7. ♔c2 ♔xg3 8. ♔d2 ♔xh4 9. ♔e1 ♔g3 10. ♔f1) 4. ♔a1 a2

12 - Intermediate move: A

- 1) 1. ♗xf6 ♖xd1 2. ♗xg7+ ♔xg7 3. ♗axd1
- 2) 1. ♗e1 ♗xe1 2. ♗xf5+ ♔g7 3. ♔xe1
- 3) 1. ♗xc6 ♖xd1 (1. ... ♖xc6 2. ♗xe7) 2. ♗xe7+ ♔h8 3. ♗xd1
- 4) 1. ♖d4 ♖xd4 2. ♗xb8+ ♔g7 3. exd4
- 5) 1. ... ♗xe5 2. ♗xd8 ♗xf3+ 3. gxf3 ♗xd8
- 6) 1. e5 ♖xb3 (1. ... ♗f1 2. ♖xe6) 2. exf6+ ♔xf6 3. ♗xb3
- 7) 1. ♗xc7 ♗xc7 (1. ... ♗xe3 2. ♗xc8+ ♗xc8 3. fxe3) 2. ♗xe8+

- 8) 1. ♖xd5 ♜xg3 2. ♖xd8+ ♖xd8 3. fxg3
- 9) 1. ♜b5 ♜xb5 (1. ... ♜c7 2. ♜e8#) 2. ♕xd6+ ♖g8 3. axb5
- 10) 1. ... ♖xe3 2. ♜xg6 ♖xe1+ 3. ♖xe1 hxg6
- 11) 1. ... ♕f3 2. ♖xd8 (2. ♖f2 ♕xf2) 2. ... ♕xe2+
- 12) 1. ♗a4 ♗xa4 (1. ... ♖xh7 2. gxh7+ ♖xh7 3. ♗xb6) 2. ♖xd7 ♗c3+ 3. ♖d3

13 - Intermediate move: B

- 1) 1. ♖g4 ♖xg4 2. ♕xd5+
- 2) 1. ♜e7
- 3) 1. ♜f3 ♜xf3 2. ♕xc5+ ♖g8 3. gxf3
- 4) 1. ... ♖xe3 2. ♜xe6 ♖e1+
- 5) 1. ♜f3 ♜xf3 2. ♖xb8+
- 6) 1. ♖a4
- 7) 1. ... ♜c5 2. ♜xc5 ♖xe1+ 3. ♖g2 bxc5
- 8) 1. g5 hxg5 2. hxg5 ♖xd8 3. gxf6+ ♖xf6 4. ♗xd8
- 9) 1. ... ♖c1 2. ♖f2 (2. ♜xb6 ♖d1+ 3. ♖f2 axb6) 2. ... ♖xd1
- 10) 1. ♜d4 ♜e7 (1. ... ♜xd4 2. ♖xe8+ ♖h7 3. ♗xd4) 2. ♖xe8+ ♜xe8 3. ♜xb6
- 11) 1. ♖b6+ ♖xb6 2. ♗xc5+ ♖c6 3. axb6
- 12) 1. ♗c7 ♗xc7 (1. ... ♖b6 2. ♗xe6+) 2. ♜xd4+ ♜xd4 3. ♖xc7+

14 - Intermediate move: C

- 1) 1. ♕h7+ (1. c4? ♕xe4) 1... ♖h8 2. c4
- 2) 1. ♕xh7 ♜xh4 2. ♕g6+ ♖d7 3. ♕xh4
- 3) 1. ♖e4+ (1. ♕xa2? ♖c2+ 2. ♖f3 ♖xa2) 1. ... ♖f8 2. ♕xa2 ♖c2+ 3. ♖e2
- 4) 1. ♕b2 (1. ♕xf6 ♕e6 2. c3 exf6) 1. ... ♜b4 2. ♜xb4 cxb4 3. ♕xf6
- 5) 1. ♖f3+ (1. ♖c6+? ♖e5 2. ♗xd1 b2+ 3. ♖c3 b1♜) 1. ... ♖e5 2. ♗xd1
- 6) 1. h4 ♗xh4 (1. ... ♕xb1 2. ♕g5#) (1. ... g5 2. ♕xg5+ ♖g6 3. ♖xb2) 2. ♕g7+ (a second in-between move is better than 2. ♖xb2 g5) 2... ♖h7 3. ♖xb2
- 7) 1. ♖g1 (1. ♗xa6 ♗e3) 1. ... ♖b2 2. ♗xa6
- 8) 1. ♖c1 (1. ♖xe2? ♜xb2+) and after 1. ... ♖xe3 follows 2. ♖c8#
- 9) 1. ♗xf5+ (1. ♖xc6? ♗h4+) 1. ... exf5 2. ♖xc6
- 10) 1... g5 (1. ... ♜xf6 2. ♖f4)
- 11) 1. ... ♕d5 (1. ... ♖xe3 2. ♖xd8+ ♖h7 3. ♖xe3) 2. f3 ♖xe3
- 12) 1. ... d5 (1. ... exf4 2. ♜xe4) (1. ... f5 2. dxe5 dxe5 3. ♕g3)

15 - Intermediate move: D

- 1) 1. ♕c5 (1. ♕xg7+? ♖xg7 2. ♖xe7 ♖xd1 3. ♖xd1 ♖c8) 1. ... ♖xd1 2. ♕xe7+ ♖g8 3. ♖xd1
- 2) 1. ♗xd5 ♜xd2 2. ♗xe7+ ♖h8 3. ♕xd2
- 3) 1. ♕f5 ♜xd4 (1. ... ♕xf5 2. ♜xd2) 2. ♕xe6+ ♖g7 3. ♕xd4
- 4) 1. d6 ♜xf5 2. dxe7+ ♖xe7 3. gxf5
- 5) Drawing
- 6) Drawing
- 7) 1. ♗e5 ♜xe2 2. ♗xd7+ ♖g7 3. ♖xe2
- 8) 1. ♖xc5 (1. ♖xh5+ gxh5+ 2. ♖f1 ♜xb3) 1. ... ♜xb3 2. ♖xc7+ ♖h6 3. axb3
- 9) 1. ... ♕g4 2. ♜xd6 ♕xf3+ 3. ♖g2 ♕xg2+ 4. ♖g1 ♖xd6
- 10) 1. ... ♗d4 (1. ... ♗f4 2. ♜e3) 2. ♜xf6 ♗xe2+ 3. ♖h1 ♕xf6
- 11) 1. ... ♖d1 2. ♜xc6 ♖xe1+ 3. ♖h2 bxc6
- 12) 1. ♕f1 ♕xf1 2. ♖xh7+ ♖f6 3. ♖xf1

16 - Intermediate move: E

- 1) 1. ♗f6 ♖xd2 (1. ... ♖xh2 2. ♖xh2 ♖xd2 3. ♗h5+) 2. ♗xh5+
- 2) 1. ♖b8 (1. ♖xf5? ♜c8) 1. ... ♜xe2 2. ♖xf8+
- 3) 1. ... ♕c5 (1. ... ♕xf4? 2. ♗d5) 2. ♜xd8 ♕xe3#

- 4) 1. ♖xc6 (1. ♖g6? hxg6+) 1. ... ♗xf4 2. ♖xe7+ ♕f8 3. gxf4
- 5) 1. ♖e6 (1. ♖b3? ♗cd5) 1. ... ♕xe6 (1. ... ♗xd2 2. ♖xc5+) 2. ♗xd8
- 6) 1. ♕xf5 ♗xe2 2. ♕xd7+ ♗xd7 3. ♗xe2
- 7) 1. ... ♖e5 (1. ... ♖c5 2. ♗xf7+) 2. ♗xd8 ♖xd3+
- 8) 1. ... d3 2. ♕xg7 dxe2 3. ♗xe2 ♖xg7
- 9) 1. ♗e4 ♗xc3 2. ♗xe8+ ♖g7 3. bxc3
- 10) 1. ♖g6+ ♕xg6 2. ♗xg8+ ♖xg8 3. ♗xe7
- 11) 1. ♖b8 (1. ♖e5? ♗d4 2. ♗xc7 (2. ♖xg6+ hxg6 3. ♗xc7 ♖xe4) 2. ... ♗xe5) 1. ... ♗d4 (1. ... ♗xc3 2. ♖xd7+ ♖xd7 3. ♗xc3) 2. ♗xc7
- 12) 1. ... ♗e2 (1. ... ♗xf4 2. ♗xg6 fxg6 (2. ... ♗xf1+ 3. ♗xf1) 3. ♗xf4+) 2. ♗xg6 ♗xg2+ 3. ♕h1 ♗xd2+

### 17 - Opening / Tactics: A

- 1) 1. a3 (trapping)
- 2) 1. ♕d6 (pin)
- 3) 1. ♗e3 (double attack: two pieces)
- 4) 1. ... ♖d7 (trapping)
- 5) 1. ♗xa8 ♕xa8 2. ♕xd7+ (a pinned piece is not a good defender)
- 6) 1. Drawing
- 7) 1. ♗xd5 (a pinned piece is not a good defender)
- 8) 1. ... f5 (attacking a pinned piece)
- 9) 1. ... f5 (trapping)
- 10) 1. ... ♕xh3 2. ♕xh3 ♗xf2# (eliminating the defence: capturing + mate)
- 11) 1. ♖xf6+ gxf6 2. ♕f7+ ♖d7 3. ♗e6# (discovered attack)
- 12) 1. ... ♗d4 (threatening mate)

### 18 - Opening / Tactics: B

- 1) 1. ♕f5 (eliminating the defence: chasing away + material)
- 2) 1. ♖b5 ♖g6 2. ♖c7+ (double attack: knight)
- 3) 1. ♖xd5 exd5 1. ... ♗d8 2. ♖f6+) 2. ♗xc8+ (a pinned piece is not a good defender)
- 4) 1. ♕e3 (discovered attack)
- 5) 1. ... ♗xb5 (a pinned piece is not a good defender)
- 6) 1. c4 (trapping)
- 7) 1. ♖c6 (trapping)
- 8) 1. ♕c4 (threatening mate)
- 9) 1. ♗xg4 (a pinned piece is not a good defender)
- 10) 1. b4 (trapping)
- 11) 1. ... ♖c5 (threatening mate)
- 12) 1. ♕xc5+ ♗xc5 2. ♗d8 (eliminating the defence: luring away + mate)

### 19 - Opening / Tactics: C

- 1) 1.b4 (eliminating the defence: chasing away + material)
- 2) 1. ... b5 (trapping)
- 3) 1. ♗b3 (threatening mate)
- 4) 1. ♗e2 ♕g6 2. ♖d6# (double attack: two pieces)
- 5) 1. ... ♖d4 (eliminating the defence: luring away + mate)
- 6) 1. ♖g5 (discovered attack)
- 7) 1. ♗e1+ (double attack: queen)
- 8) 1. ♖a5 (trapping)
- 9) 1. ... ♖f4 (1. ... ♖e3 2. g3) (threatening mate)
- 10) 1. ♖ed4 (trapping)
- 11) 1. h3 (trapping)
- 12) 1. ♕h3 ♗f6 2. ♕xc8 (double attack: x-ray attack)

## 20 - Opening / Tactics: D

- 1) 1. ♖c4 ♗a6 2. ♘d6+ (double attack: knight)
- 2) 1. ♙xf6 ♗xb5 2. ♘xb5 (eliminating the defence: capturing + material)
- 3) 1. ... ♗c6 (threatening mate)
- 4) 1. ... ♘e7 (trapping)
- 5) 1. ♚e1 ♗f6 2. ♚e8# (pin)
- 6) 1. ... ♘b4 2. ♗d2 ♗xe4+ (eliminating the defence: chasing away + material)
- 7) 1. ... ♙xf3 2. ♗xf3 ♗xg5 (eliminating the defence: capturing + material)
- 8) 1. ... d3 (discovered attack)
- 9) 1. ♗h5 (1. ♘g6+ hxg6 2. ♗f3 ♙e6) (threatening mate)
- 10) 1. ... ♙f8 (trapping)
- 11) 1. e6 (attacking a pinned piece)
- 12) 1. ♙d5 (trapping)

## 21 - Opening / Tactics: E

- 1) Drawing
- 2) Drawing
- 3) 1. ... ♙a6 (trapping)
- 4) 1. ♘b6+ (trapping)
- 5) 1. ♙e4 (trapping)
- 6) 1. ♗f4 ♘h5 2. ♗xf7#
- 7) 1. ♘a4 (trapping)
- 8) 1. ♗e6 (threatening mate)
- 9) 1. ♘b1 (discovered attack)
- 10) 1. ♘d4 ♚b8 2. ♘c6 (discovered attack)
- 11) 1. ♗d2 (trapping)
- 12) 1. ♘e5 (attacking a pinned piece)

## 22 - Opening / Tactics: F

- 1) 1. ♙b3 (trapping)
- 2) 1. ♙d5 (double attack: x-ray attack)
- 3) 1. ... ♗g5 (threatening mate)
- 4) 1. ... ♘e3 (trapping)
- 5) 1. ♘e6+ (double attack: knight)
- 6) 1. ♘f4 (eliminating the defence: chasing away + mate)
- 7) 1. ... ♙a3 (1. ... ♘e4 2. 0-0 ♘xc3 3. bxc3 ♗xc3 4. ♙b3) (eliminating the defence: luring away + material)
- 8) 1. ♘h4 (discovered attack)
- 9) 1. c3 ♗b6 2. ♘xf6+ (eliminating the defence: chasing away + material)
- 10) 1. ... ♙g4 (pin)
- 11) 1. ♘a4 (threatening mate)
- 12) 1. ... ♘d5 (discovered attack)

## 23 - Mini-plans / Exploiting vulnerability: A

- 1) 1. ... ♗f4 2. ♙f1 ♚xc4
- 2) 1. ♘b5
- 3) 1. ♘g5
- 4) 1. ♘g5 ♙g4 2. ♙xf7+
- 5) 1. ♗d4
- 6) 1. ... ♘b6
- 7) 1. ♘g5
- 8) 1. ♗h5
- 9) 1. ... ♗a4 2. e5 (2. c4 ♗xc4) 2. ... ♘fxd5

- 10) 1. ♖f3
- 11) 1. ♗a5
- 12) 1. ♗c4 ♖f7 2. ♗h6+; 1. ... g6 2. ♗h6+ ♔g7 3. ♗xe6

#### 24 - Mini-plans / Increasing activity: A

- 1) 1. ♗g4 ♖e7 2. ♖f5
- 2) 1. ... ♖xc1+ (1. ... ♗d7 2. ♗a6 ♖xc1+ 3. ♖xc1) 2. ♖xc1 ♖c8 (2. ... ♗d7 3. ♗a6; 2. ... ♗c8 3. ♖c7)
- 3) 1. ... ♖ae8 also 1. ... ♗g4 wins; 2. hxg4 ♗xf2+) 2. ♖d2 ♖xe1+ 3. ♖xe1 and now 3. ... ♗g4 is strong.
- 4) 1. ... ♗c6 and after 2. ♗c4 ♗xf3 to demolish the white pawn structure.
- 5) 1. ... ♖d4 (not only activates the queen but also conquers the a-line) 2. ♖xa8 ♖xa8 2. ♖d2 ♖a4 3. ♖b1 and now ♖a3 with the threat f5.
- 6) Drawing
- 7) 1. b5 (1. Ke5? d4 2. exd4 e3) 1. ... axb5 2. axb5
- 8) 1. ♗a4 0-0 2. a3 ♖b5 3. ♗cb6
- 9) 1. ♗b6+ on the way to d5
- 10) 1. ♗h4 ♖ad8 (1. ... g6 2. f4; 1. ... ♖d8 2. f4 h6 3. fxe5) 2. ♗f5 ♖d7 3. ♗xf6
- 11) 1. ♗c5 the black queen has to go and castling is prevented (1. ... ♖xc5 2. ♖d8#)
- 12) 1. ♗g4 ♖fe8 2. ♗e6+

#### 25 - Mini-plans / Increasing activity: B

- 1) 1. ♗xe5. The diagonal of the bishop must remain open.
- 2) 1. ♔g2. After an exchange on c1, White must be able to take back with a rook.
- 3) 1. ... ♗d4. Forces sooner or later (the later the better) a weakness.
- 4) 1. f4. The rook on f1 becomes active.
- 5) 1. ... e5. Otherwise ♗e5.
- 6) 1. d5 exd5 2. ♖xd5. Activates the queen.
- 7) 1. ... ♗h5. Maintaining the tension..
- 8) 1. ... axb6 (1. ... ♗xb6 2. ♗b3) 2. ♗b3 ♗c5. Pawn a4 is weak and can be attacked now.
- 9) 1. ♖g3 followed by f4. Bad is 1. ... ♗xe5 (or 1. ... ♖xe5) 2. ♗f6+.
- 10) 1. ... ♗e5 (1. ... ♗b4 2. cxb4 ♗xf3 3. ♖c3+). Black exchanges the bishops.
- 11) 1. ♖c1. Black cannot protect ♗c6 in a proper way: 1. ... ♖c8 2. ♗g4.
- 12) 1. ... e4. The bishop on f3 must stay on his active post.

#### 26 - Mini-plans / Pawn structure: A

- 1) 1. ... c4 2. ♗xc4 ♗xa4. Resolving a double pawn and at the same time exchanging the dangerous passed a-pawn.
- 2) 1. ♖c3 ♖xc3 2. bxc3. Resolving a double pawn
- 3) 1. ♗c5+ ♗xc5 2. dxc5. Resolving a double pawn and building a pawn duo.
- 4) 1. hxg3. Capturing towards the centre.
- 5) 1. ... cxb6 (1. ... axb6 2. a4). Preventing that White gets a passed a-pawn.
- 6) 1. c4. Resolving a double pawn.
- 7) 1. ♖d4 ♖xd4. Resolving a double pawn.
- 8) 1. d4. Resolving a backward pawn.
- 9) 1. b4 (1. ♖d2 ♖e8+ 2. ♔d4 ♖e5). Achtergebleven pion oplossen en pion c4 verzwakken.
- 10) 1. ... c3 2. bxc3 ♗e4. Demolishing the white pawns and resolving an own double pawn
- 11) 1. ... b6 2. cxb6 (2. ♗h2 bxc5) 2. ... ♗xb4. Preparing to attack pawn b4.
- 12) 1. ♗f5 ♖d8 (1. ... ♗xb2 2. ♗e7+) 2. ♗xf6. Giving Black a double pawn.

#### 27 - Mini-plans / Mix: A

- 1) 1. ♗b3 (1. ♗ec3 ♗xd5 2. exd5 ♖e8)
- 2) 1. ♗e4
- 3) 1. ♖e1 (1. ♖d4 ♖e5 2. ♖d2 ♖d5) 1. ... ♖f7 2. ♖d4
- 4) 1. ♗f6+ ♗xf6 2. ♗xf6

- 5) 1. g4 fxg4 (1. ... f4 2. ♖xe4 ♖d5) 2. ♜xg4 (2. hxg4)
- 6) 1. ... ♗e4 2. ♜d3 ♗xc3 3. bxc3 ♗d7 4. a4 ♗c5 5. ♜c2 ♗e4
- 7) 1. 0-0-0 (1. 0-0 ♗xc2 2. ♜ad1 ♗d4)
- 8) 1. ... b6 2. ♗h3 ♗a6+ (*Porath-Pomar, Munich 1958*)
- 9) 1. ♗xf6+ gxf6 2. h4
- 10) 1. ♗a4 (1. b6 cxb6 2. ♗a4 e4 3. ♗xb6 ♗d4) 1. ... b6 2. d6 cxd6 3. ♗xb6
- 11) 1. ♗c3 ♜h4 2. d7 ♜xd7 3. ♜b1
- 12) 1. ... h5 2. gxh5 ♜xh5

### 28 - Mini-plans / Exploiting vulnerability: B

- 1) 1. ♜f4 ♗f5 2. g4
- 2) 1. ♜d8 ♗a6 (1. ... ♗d7 2. ♜xd7) 2. ♜f6
- 3) 1. ♜d3 ♜c7 2. ♜xb3 (2. ♗d6+)
- 4) 1. ♗e4 (1. ♗xg7 ♖xg7; 1. f4 ♗d7) 1. ... ♖f7 2. ♗xg7
- 5) 1. ... ♗g5
- 6) 1. ♜f1 f5 2. ♗xb5 ♗xb5 3. ♜xf5+
- 7) 1. c3 ♜fd8 (1. ... dxc3 2. ♜xc3) 2. cxd4 cxd4 3. ♗xd4 ♗g4+ 4. hxg4 ♜xd4 5. ♖e3
- 8) 1. ♜d2 ♗f8 2. ♗xc5
- 9) 1. ♜b2
- 10) 1. ... ♗c5
- 11) 1. ♜d2 ♗c7 2. ♜h6
- 12) 1. ♜d5 ♗e7 2. ♜xc5

### 29 - Threaten mate / Bring in the guard: A

- 1) 1. ... ♜e2
- 2) 1. ♗f6
- 3) 1. ♜ce1
- 4) 1. ... ♗f5
- 5) 1. ... ♗b4
- 6) 1. ... ♜c2
- 7) 1. ♗c3 h6 2. ♜xg6+ ♗g7 3. ♜xg7#
- 8) 1. ... ♗g6
- 9) 1. ♜fg4 ♜xg8 2. ♜xh6#
- 10) 1. ♗e5 a1♜ 2. ♜h4#
- 11) 1. ... ♗h2 (1. ... ♗xc7 2. ♜xe6)
- 12) 1. ... ♜c3 2. bxc3 ♗xc3 3. ♜d3 ♜a1#

### 30 - Threaten mate / Bring in the helper: A

- 1) 1. ♗a5 (1. ♗c5 ♜c6)
- 2) 1. ... ♗g4 2. ♜fe1 ♜xh2+ 3. ♖f1 ♜xf2#
- 3) 1. ♗a6 ♗e5 2. ♜c8+
- 4) 1. ... ♗f4 2. ♜xf4 ♜xf4
- 5) 1. ♗f6 ♜xa7 (1. ... ♗xf6 2. ♜h7#) 2. ♜h7#
- 6) 1. ♗f7 (1. ♗g6 ♗xg6) 1. ... g5 2. ♜h8#
- 7) 1. ♗f5 (1. ♜f7 ♜e4+)
- 8) 1. ... ♗g3 2. ♗f3 ♜h1#
- 9) 1. g4 (1. ♜f4 ♜xd4 2. ♜xd4 ♜c5; 1. ♜h2 ♜xd4+)
- 10) 1. ♗e6 (♠ ♜g7#) 1. ... fxe6 2. ♗xe6#
- 11) 1. f4 (1. h4 ♜h5 2. f4 ♜xe4)
- 12) 1. ♗g5 fxg5 (1. ... hxg5 2. ♜h5#) 2. ♜xh6#

### 31 - Threaten mate / Bring in the chaser: A

- 1) Drawing



- 2) Drawing
- 3) 1. ♖g6
- 4) Drawing
- 5) Drawing
- 6) 1. ... ♖h8
- 7) 1. ♖xf7 ♕xf7 2. ♜xf7#
- 8) 1. ♖h6 ♖xf6 2. ♖f8#
- 9) 1. ♖g6 (1. ♜g6+? fxg6 2. ♖xg6 ♕g8) 1. ... fxg6 2. ♜xg6#
- 10) 1. ♜g5 fxg5 2. ♕xg7#
- 11) 1. ... ♖f1 2. a7 ♖xg1#
- 12) 1. ♖e4 dxe4 2. d5#

### 32 - Mate / Clearing a square: A

- 1) 1. ♜g7+ ♜xg7 2. ♖h7#
- 2) 1. ... g2+ 2. ♜xg2 ♜g3#
- 3) 1. ♜e7+ ♕xe7 2. ♕d5#
- 4) 1. ♖g6+ hxg6 (1. ... ♜f7 2. ♖xf7#) 2. ♜g7#
- 5) 1. ♜d8+ ♜xd8 2. ♕d4#
- 6) 1. ... ♜f3+ 2. ♕xf3 ♕e5#
- 7) 1. ♖e6+ ♜xe6 2. ♜h6#
- 8) 1. ... ♜e3 (1. ... ♜f4 2. ♖xf4+ ; 1. ... ♜h4 2. ♖f1) 2. ♜xe3 ♖g2#
- 9) 1. ♖xd7+ ♜xd7 2. ♜f7#
- 10) 1. ♖xg5+ fxg5 2. ♜h5#
- 11) 1. ... ♖xf3+ 2. ♜xf3 ♜g4#
- 12) 1. ... ♜xg3+ 2. hxg3 ♜f3#

### 33 – Creating mate (♕♜): A

- 1) ♕f6 ♜h6
- 2) ♕g5 ♜f6
- 3) ♕d5 ♜g8
- 4) Drawing
- 5) ♕d8 ♜b8
- 6) ♕f8 ♜f4
- 7) ♕b3 ♜d3
- 8) ♕d4/d6 ♜f6
- 9) ♕f3 ♜f5
- 10) ♕f7 ♜f5
- 11) ♕g8 ♜d5
- 12) ♕d8 ♜d6

### 34 - Creating mate: B

- 1) ♜d3, ♜h6, ♖c4, ♖d4; ♜d5
- 2) ♜e2, ♜f4, ♜d3; ♜e4, ♜d5
- 3) ♜c3, ♖d4; ♜d5, ♜c6, ♜e6
- 4) ♜g6, ♜f8; ♜h6, ♜h5, ♜g7
- 5) ♖e8, ♕g6; ♜h7, ♜g7, ♜h6
- 6) ♜f3, ♜c5, ♕e3; ♜d4, ♕d3
- 7) ♜c2, ♕c3, ♕c6; ♜a4, ♜a3
- 8) ♜f8, ♖c6, ♕e4; ♜e6, ♜e5
- 9) ♜f7, ♖b4, ♜e7; ♜d5, ♜e5
- 10) ♜g6, ♖d4, ♖c3; ♜e5, ♜e6
- 11) ♖d5, ♜d3; ♜e4, ♖f4, ♜c4 (♖f4, ♜c4; ♜e4, ♖d5, ♜d3 is an illegal position: no legal last move)
- 12) ♜f7, ♖h3, ♖f4; ♜h5, ♜g4

35 - Eliminating the defence: A

- 1) 1. ♖d2 ♜e4 2. ♖xd3
- 2) 1. ♗a3 ♜f8 2. ♗xa4
- 3) 1. ... ♗g4 2. ♗g3 ♗xe3
- 4) 1. ♗c7 0-0 2. ♗xd6
- 5) 1. ... ♗e6 2. ♜xg7 ♗xf5
- 6) 1. ... ♜d4 (1. ... ♗d6+? 2. ♖h3 ♜d4 3. ♗xd6) 2. ♗c3 ♜xe4
- 7) 1. ... ♗f5 2. ♜xe7 ♜xe7
- 8) 1. ♗h5+ ♖h8 2. ♗xf6
- 9) 1. ... ♜g4 2. ♗ef3 ♜xg3
- 10) 1. ... ♗f2 2. h3 ♗xf1+
- 11) 1. ... ♗e5 2. ♗c2 ♗xc4 (or 2. ... exd5)
- 12) 1. ♗e3 ♗g7 2. ♗xd4

36 - Eliminating the defence: B

- 1) 1. ♗xc6+
- 2) 1. ♜xd5
- 3) 1. ... ♜xg2 2. ♜xg2 ♜f1#
- 4) 1. ... ♜xf4 2. ♗xf4 ♗xe5
- 5) 1. ... ♗xh2+ 2. ♗xh2 ♗g3#
- 6) 1. ... ♗xc3 2. ♗xc3 ♗xe2
- 7) 1. ♗xd7+ (1. ♜xd7+? ♗xd7 2. ♗xd7+ ♖xd7 3. ♗f5+) 1. ... ♗xd7 2. ♗e6#
- 8) 1. ... ♗xd3 (1. ... ♗b4+ 2. ♗c3) 2. exd3 ♗b4+
- 9) 1. ♜xh5+ ♗gxh5 (1. ... ♗fxh5 2. ♗g4#) 2. ♗f5#
- 10) 1. ♗xg5 ♗xg5 2. ♗e7#
- 11) 1. ... ♗xb3 2. ♗xb3 ♜xc4
- 12) 1. ♗xf6 ♗xf6 2. ♗xd7

37 - Eliminating the defence: C

- 1) 1. ... ♜e1+ 2. ♜g1 ♜xg1+ 3. ♖xg1 ♖xg7
- 2) 1. ♗e5+ ♗g7 2. ♗xd4
- 3) 1. ... ♗g7+ 2. ♗c3 ♗xd6
- 4) 1. ... ♗d6+ 2. g3 ♗xf3
- 5) Drawing
- 6) 1. ♗a8+ ♗f8 2. ♗xc6
- 7) 1. ... ♗e4 2. f3 ♗xe3+
- 8) 1. ♗e4+ ♗g6 2. ♗xd3
- 9) 1. ♜h1 ♜h5 2. ♜xh5 gxxh5 3. ♗xb3
- 10) 1. ... ♗c5+ 2. ♗xc5+ ♖xa5
- 11) 1. ♗h6 ♗g7 2. ♜xc7
- 12) 1. ... ♗a6+ 2. ♗e2 ♜f8#

38 - Eliminating the defence: D

- 1) 1. ... ♗h3 (△ 2. ... ♗xh2#) 2. ♗xf3 ♗g2#
- 2) 1. ♗e2 (△ 2. ... ♗g3#) 1. ... ♗d6 (1. ... ♗e4 2. ♗h6#/♗g4#; 1. ... ♗h5 2. ♗g4#) 2. ♗xf6#
- 3) 1. ... ♗f1 (△ 2. ... ♗g2#) 2. ♜xf1 (2. ♖xf1 ♗h1#) 2. ... ♗e2#
- 4) 1. ♗c3 (△ 2. ... ♗b5#) 1. ... ♗xc3 2. ♜a4#
- 5) 1. ♗b4 (△ 2. ♜e2#) 1. ... ♗d5 (1. ... f3 2. gxf3#) 2. ♜e6#
- 6) 1. ... ♗b4 (△ 2. ... ♗xa2#) 2. ♜a1 ♜c2#
- 7) 1. ♜e8 (△ 2. ♗f7#) 1. ... ♗xe8 (1. ... ♜xe8 2. ♗f7#) 2. ♗h7#
- 8) 1. d4 (△ 2. ♗e5#) 1. ... ♗xd4 2. ♗d2#
- 9) 1. ... ♗f3 (△ 2. ... ♗h5#) 2. ♗xf3 ♜xh2#

- 10) 1. ... ♖d6 (△ 2. ... ♖a6#) 2. ♜xd6 ♞b6#
- 11) 1. ♞e6 (△ 2. ... ♞h3#) 1. ... ♞xe6 2. ♚xh7#
- 12) 1. ... ♞g7 (△ 2. ... ♞h6#) (1. ... ♞g3? 2. ♚g4) 2. ♜g4 ♞g5

39 - Underpromotion: A

- 1) 1. f8♜+ (1. f8♞? a1♞+ 2. ♞g7+ ♞xg7#) 1. ... ♞f5 2. ♚xa2
- 2) 1. h8♚! (1. h8♞? a1♞ 2. ♞xa1pat) 1. ... ♞a3 2. ♞c2 b3+ 3. ♞c1
- 3) 1. b8♜ (1. b8♞? ♜c6+ 2. ♞b7 ♜xb8 3. ♞xb8 ♞b4) 1. ... ♜c2 2. ♜c6#
- 4) 1. g8♚! (1. g8♞? ♞a1 2. ♞xb3 stalemate)
- 5) 1. e8♚! (1. e8♞? ♚e6+ 2. ♞xe6 stalemate)
- 6) 1. e8♜+ (1. e8♞? ♜d5+ 2. ♞g5 ♚xe8) 1. ... ♚xe8 2. ♚d7#
- 7) 1. g8♚! (1. g8♞? ♚xd5+ 2. ♞xd5 stalemate)
- 8) 1. c8♜ (1. c8♞? ♞xa7+)
- 9) 1. dxe8♚ (1. dxe8♜ ♜e6=; 1. dxe8♞ stalemate)
- 10) 1. g8♚ (1. g8♞? d1♞+ 2. ♚xd1 stalemate)
- 11) 1. e8♞+ (1. a8♞+? ♞c7) 1. ... ♞c7 2. a8♜#
- 12) 1. ... d1♚ (1. ... d1♞? stalemate)

40 - Underpromotion (yes/no): B

- 1) Yes: 1. e8♜ (1. e8♞ ♚f6+)
- 2) No: 1. b8♞ (1. b8♜+? ♞b7 2. ♜xd7 h3)
- 3) Yes: 1. f8♜+ (1. f8♞? ♞xc4) 1. ... ♞h8 2. ♜g6+ ♞h7 3. ♜f8+
- 4) No: 1. d8♞+ (1. d8♚+ ♞h4 2. ♚xd5 stalemate)
- 5) No: 1. bxc8♞ (1. bxc8♜+ ♞a6 2. ♜xd6 ♜xd6)
- 6) Yes: 1. cxb8♚! (1. cxb8♞? ♞h7! 2. ♞xf8 stalemate)
- 7) Yes: 1. c8♚+ (1. c8♚ ♜b4=; 1. c8♞+ ♜b8+ 2. ♞e6 stalemate)
- 8) No: 1. f8♞ (1. f8♜+? ♞f6 2. ♜xg6 g2)
- 9) No: 1. c8♞+ (1. c8♚+? ♚f8) 1. ... ♞h7 2. ♞g8+
- 10) Yes: 1. d8♜ (1. d8♞? ♚xb7+ 2. ♞xb7 ♚xd8)
- 11) No: 1. d8♞ (1. d8♜? ♚g7+) 1. ... ♚g7+ 2. ♜d4
- 12) Yes: 1. exf8♚ (1. exf8♞? d5+ 2. ♞f5 stalemate)

41 - Opening / Develop: A

- 1) 1. d4
- 2) Drawing
- 3) 1. ... d5
- 4) 1. ... ♜c6
- 5) 1. ... ♚c5 2. ♞d2 a5!
- 6) 1. d4
- 7) 1. ♚g5 ♚g7 2. ♚d1
- 8) 1. ... ♚g4
- 9) 1. ... d5
- 10) 1. e4 ♚g4 2. ♜d5
- 11) 1. ♚f4 ♞d7 2. ♜bd2
- 12) 1. ♚g5

42 - Opening / Develop: B

- 1) 1. ♜c3
- 2) 1. fxe5 ♜xe5 2. d4
- 3) 1. ... ♚e6
- 4) 1. ... 0-0
- 5) 1. 0-0
- 6) 1. ... ♚a6

- 7) 1. ♔a3
- 8) 1. ♔a6
- 9) 1. ♔g5
- 10) 1. d4 exd4 2. ♖xd4
- 11) 1. ... e6
- 12) 1. ♗e5

#### 43 - Opening / Best move?: A

- 1) 1. ... c5 Attacking the white centre directly is best. The pawn structure is weakened.
  - 1. ... 0-0 Castling kingside can wait and castling queenside may later also be a possibility. Play flexible and keep all possibilities open.
  - 1. ... b6 Gives White time to play the passive knight on c3 to a better square and he will have c2-c3 at hand in response to c5.
- 2) 1. ♗b5 Playing twice with the knight is fine: pawn d6 cannot be sufficiently protected. After 1. ... d5 2. c5 f6 3. ♗d6+ ♕d7 4. ♔e3, 5. ♗f7 follows and after 5. ... ♖c7, 6. ♔b5+ (followed by capturing on d5) is strong.
  - 1. ♖d1 Good move but worse than the knight move.
  - 1. ♔e2 A developing move worse than the other two moves.
- 3) 1. ♕f1 The best move against the threat 1. ... ♔xh3.
  - 1. g4 Not immediately losing but weakening. Black develops with 1. ... ♔e6 and he must then open the position.
  - 1. ♗h4 Bad because Black will play 1. ... ♖g3.
- 4) 1. ... ♖d7 Easy to find by eliminating the alternatives.
  - 1. ... ♗c6 Costs material after 2. ♔xd5.
  - 1. ... c6 Costs material after 2. ♔xd5.
- 5) 1. ♖e2 White is a piece down and must win that back. After 1. ... ♔d6 2. ♖xe4 0-0 Black is somewhat better.
  - 1. ♔xe5 Costs time. After 1. ... ♖e7 2. d4 (2. f4 ♖h4+ is worse) 2. ... d6 3. ♖e2 Black can choose between 3. ... ♗xf2 or 3. ... dxe5.
  - 1. d3 Bad. Black can choose between 1. ... ♖f6 and 1. ... ♗xf2. Being a piece, the choice is big.
- 6) 1. ... ♔b4 Good at Step 3 level (prevents ♗d5)
  - 1. ... c6 Good at Step 3 level (prevents ♗d5)
  - 1. ... h6 Annoying for Black is that the bishop doesn't have to move yet. Strong is 2. ♗d5 ♖d8 3. ♗xf6+ gxf6 4. ♔xh6.
- 7) 1. ... 0-0 Dissolves the pin, brings the king to safety and protects pawn g7. The pin over the e-line prevents capturing: 2. ♖xe4 ♖e8 3. ♔e5 d5 4. ♖e3 f6 winning a piece.
  - 1. ... ♖e7 Enough for about equal chances: 2. ♔xg7 ♖g8 3. ♔xh6 ♖b8.
  - 1. ... d5 Just costs a piece after 2. f3.
- 8) 1. ♔a2 The bishop is active for the time being (until Black plays ♔e6). Black has to lose time to play his knight back again.
  - 1. 0-0. Black captures the bishop and is released from the knight at the edge without any loss of time. After 1. ... ♗xc4 2. bxc4 ♔e6 3. b3 h6 Black continues to develop undisturbed.
  - 1. ♔g5 This move is similar to castling. After 1. ... ♗xc4 2. bxc4 0-0 Black's position is easier to play than the white one. This is partly due to the presence of two bishops.
- 9) 1. ... ♔xe4 Otherwise the bishop on g6 is in danger. After 2. ♔xe4 ♗d7 (or 2. ... ♔c5+ 3. ♕h1 ♗d7) Black has no problems.
  - 1. ... ♖d4+ Seems smart because after 2. ♔e3 Black has 2. ... ♖c4 but after 2. ♗f2 the threat 3. f5 winning a piece decides again.
  - 1. ... ♗d7 Costs a piece after 2. f5 (2. ... exf5? 3. ♗d6#).
- 10) 1. ... 0-0 Otherwise Black will be at least a pawn behind: 2. ♔xb4 exf3 3. ♖xf3
  - 1. ... ♔xd2+ This move only helps White's development. After 2. ♗bxd2 ♗xd5 3. dxe4 Black has no compensation for the pawn.
  - 1. ... ♖e7 White plays 2. dxe4 and 2. ... ♗xe4 3. ♔xb4 ♖xb4+ 4. ♗bd2 gives Black problems with

the pawn over the e-file.

- 11) 1. e5 Advancing pawns too early is often dangerous, but White is almost done with his development. The knight must go back: 1. ... ♖e8 2. d5 ♖a5 3. ♕d3.
1. ♕d3 The queen is not standing well here and is allowing a counteraction: 1. ... ♖b4 2. ♕e2 d5. Put an end to the two strong centre pawns
1. ♕g5 Allows the well-known sham sacrifice 1. ... ♖xe4 2. ♖xe4 d5.
- 12) 1. ... ♖xe4 That's more compelling and better than 1. ... d5. Black gets his piece back immediately: 2. ♖xe4 d5.
1. ... d5 Is very obvious and not bad. After 2. exd5 ♖bxd5 3. ♖e1 the white pieces are just a bit more active. After 2. a3, 1. ... dxc4 will follow.
1. ... ♖e8 Less compelling. After 2. ♖e5 d5 3. exd5 the white pieces are more active.

#### 44 - Pin / Mix: A

- 1) 1. ♕e7+
- 2) 1. ... ♖b6
- 3) 1. ♖xe5
- 4) 1. ♕h8+
- 5) 1. ♖c5
- 6) 1. ... ♕d3
- 7) 1. ♖b5
- 8) 1. ♖g3
- 9) 1. ♕g5
- 10) 1. ♕b5
- 11) 1. ♖e5 (1. d5 ♖e7) 1. ... ♖xe5 (1. ... ♖e7 2. ♕xd7+) 2. ♖xc8+
- 12) 1. ... ♕f5

#### 45 - Pin / Mix: B

- 1) 1. ♖f4
- 2) 1. ♕xh6
- 3) 1. ♕h4
- 4) Drawing
- 5) 1. ... ♕d3 (1. ... ♕xh3? 2. ♕a6) 2. ♕b5 ♖xf1+
- 6) 1. ♕b5
- 7) 1. ... g4 2. ♖h4 ♖xf1
- 8) 1. ♕e6
- 9) 1. ♕e5 (1. g3? ♖xh3+ and 2. ... ♖g5)
- 10) 1. ♕b6
- 11) 1. ♖c6
- 12) 1. ... ♖b3

#### 46 - The cross pin: A

- 1) 1. ♕c8
- 2) 1. ♖d1
- 3) 1. ... ♕c5
- 4) 1. ♖e1
- 5) 1. ... ♕b6
- 6) 1. ♕d2
- 7) 1. ♕h6
- 8) 1. ♖b7 ♕xa5 2. ♖xd7#
- 9) 1. ... ♕d4
- 10) 1. ♕d1
- 11) 1. ♕f3
- 12) 1. ♖f4

47 - The cross pin: B

- 1) 1. ... ♖d8 2. ♗xb6 ♖xd1+ 3. ♕h2 axb6
- 2) 1. ♗f4 ♕g8 2. ♔xd6 (2. ♗xd6)
- 3) 1. ... ♖e8 2. ♕b1 ♖xe3
- 4) 1. ♗f5+
- 5) 1. ♔b5 ♗xb5 2. ♗c8+
- 6) 1. ♗h6 ♔xe5 2. ♗f8#
- 7) 1. ♔f6
- 8) 1. ♗e7
- 9) 1. ♖xb7
- 10) 1. ♗e7
- 11) 1. ... ♗c3 2. ♗xf6 (2. ♔xc3 ♖b1#; 2. ♖b3 c1♗+/♗e1+) 2. ... ♗xf6 (2. ... ♖xb2? 3. ♖h8+ ♖b8+ 4. ♗xc3) 3. ♔xf6 ♖b1#
- 12) 1. ♖f1 e2 2. ♖xf6 e1♗+ 3. ♖f1+ ♗xh4 4. ♖f8#

48 - The cross pin: C

- 1) 1. ... ♔d3 2. ♗xd3 ♗e1#
- 2) 1. ♔c4
- 3) 1. ... ♖e8 2. ♗xd4 ♖xe1#
- 4) 1. ♖d1 ♖xe3 (1. ... ♖xd1 2. ♖xc3) 2. ♖xd8+
- 5) 1. ♗g1 (1. ♗f2? ♗d7) 1. ... ♔xb2 (1. ... ♔xf5 2. ♔xd4+) 2. ♗xa7
- 6) 1. ♖c5
- 7) 1. ... ♖e2
- 8) 1. ... ♖xd4 2. ♗xd4 ♗f1#
- 9) 1. ♗xc7
- 10) 1. ... ♖c5
- 11) 1. ... ♖g8 2. ♗xc7+ ♕a8
- 12) 1. ♖e2 ♗xe1 2. ♖xa2#

49 Defend against mate: A

- 1) 1. ♔b2
- 2) 1. ♖f1 (1. g3 ♔b6 ; 1. f4 ♗xf4 ; 1. ♕f1 ♔xg2+)
- 3) 1. ♔e6+ (1. ♗xd1 ♗g2#) 1. ... ♗xe6 2. ♗xd1
- 4) 1. ... ♖fc8+ 2. ♕b1 ♖f8
- 5) 1. ... ♔xf4 2. ♗b8+ ♖e8
- 6) 1. ... ♗c1+ 2. ♕h2 ♗h6+ (2. ... ♗f4+ 3. ♕g1)
- 7) 1. ... ♖e1+ 2. ♖xe1 ♗f8
- 8) 1. ... ♗g5+ (1. ... ♔f8 2. ♖xe8 ; 1. ... ♔xf6 2. ♖xe8#) 2. ♗xg5 (2. ♗f4 ♖d8) 2. ... ♔xg5+
- 9) 1. ... ♔xg4 (1. ... ♖h2+ 2. ♕d3)
- 10) 1. ... ♔b5+ 2. ♕e3 ♖f1
- 11) Drawing
- 12) Drawing

50 Defend against mate: B

- 1) 1. ♗f2 (1. ♗c2? ♗xf1+; 1. ♖f2? ♗d1#) 1. ... ♗d3+ 2. ♕a1
- 2) 1. ♖c7+ ♕xb6 (1. ... ♕a8 2. ♖c8+ ♕b7 3. a8♗+) 2. a8♖#
- 3) 1. ♗xh6+ ♕e7 2. ♔xe6
- 4) 1. ... ♖e7 (1. ... h5 2. ♔d3) 2. ♔d3 ♖g6
- 5) 1. ... ♕g8 (1. ... ♖e2+? 2. ♕a3 ♕g8 3. ♖e4+)
- 6) 1. ... ♔d8 2. ♖xd8 g5
- 7) 1. ... ♗f3+ 2. ♔xf3 fxe6
- 8) 1. ... ♗c6 (1. ... ♗f3+? 2. ♗xf3 ♖b1+ 3. ♔f1) 2. ♗xc6 ♖b1+

- 9) 1. ♖h3 (1. ♜xd6? ♕g3) 1. ... ♕g3 (1. ... ♜xh3 2. ♜xf2) 2. ♜g2  
 10) 1. ... c6 (1. ... c5? 2. ♜xb7) 2. ♜xb7 ♗c5+ 3. ♗xb4 ♗xb7  
 11) 1. ... ♜h4 (1. ... ♜g8 2. ♗h2#; 1. ... ♜d5 2. cxd5); 1. ♗h2# and 1. ♜g5# is threatening.  
 12) 1. ... e5 (1. ... ♜xf3+? 2. ♜xf3 ♜xf3+ 3. ♗xf3) 2. f4 e4

51 Defend against mate: C

- 1) 1. ♕c4+ ♗h8 2. ♕e6  
 2) 1. ♜c5+ ♜xc5 stalemate  
 3) 0-1  
 4) 1-0  
 5) 0-1  
 6) 1. ... f5 2. ♕xf5 ♗f6  
 7) 1. ... ♜xh3+ 2. gxh3 ♜d5+  
 8) 1-0  
 9) 1. ... ♗d8  
 10) 1-0  
 11) 1. ♜f6 ♜xf6 stalemate  
 12) 1. ♗g2 ♜xh2+ 2. ♗f3 ♜h5

52 – Pawn endings / Square of the pawn: A

- 1) 1. c4 ♗a5 2. ♗g3 ♗b6 3. a4  
 2) 1. ... a4  
 3) 1. e5  
 4) 1. a5 ♗c5 2. e5  
 5) 1. ... ♗b8  
 6) 1. ♗c3 ♗g7 2. ♗d4 ♗f6 3. ♗xe4  
 7) 1. ... g5+  
 8) 1. e5 (1. b4? ♗xe4 2. b5 ♗d5 ; 1. d5? e5 2. b4 ♗xe4 3. b5 ♗xd5) 1. ... dxe5 2. d5 exd5 3. b4  
 9) 1. f4 ♗f6 2. f5 a5 3. ♗d3  
 10) 1. ♗g4  
 11) 1. b3 b5 2. b4  
 12) 1. e5 dxe5 2. g4 e4 3. g5 e3 4. ♗d1

53 – Pawn endings / Square of the pawn: B

- 1) 1. ♗f1 (otherwise 1. ... f2+ 2. ♗f1 ♗f3) 1. ... f4 (1. ... f2 2. ♗e2) 2. gxf4 (2. b6? fxg3) 2. ... ♗xf4 3. b6 f2 4. ♗e2  
 2) 1. ♗a5 (1. f6 c4!) 1. ... ♗e7 2. ♗a4 ♗f6 3. ♗b3  
 3) 1. ... g4 (1. ... ♗d2? 2. e4 g4 3. e5 g3 4. e6 g2 5. e7 g1 ♜ 6. e8 ♜) 2. ♗e4 g5 3. ♗d3 ♗d1  
 4) 1. ... ♗b7 2. e6 ♗c8  
 5) 1. ... ♗c6 2. a6 ♗b6 3. a7 c5+  
 6) 1. d4 cxd4 2. c5 h5 3. ♗xd4  
 7) 1... f5+ (1... a4? 2. ♗d3 ♗h5 3. g3 ♗g4 4. ♗c4 f5 5. ♗b4 ♗xg3 6. h5) 2. ♗d3 f4  
 8) 1. ♗c8 (1. ♗c6? ♗e6 2. ♗c7 ♗f5 3. ♗d6 ♗g4 4. ♗e5 ♗g3 5. ♗f5 ♗xg2) 1. ... ♗e6 2. ♗d8 ♗f5 3. ♗e7 ♗g4 4. ♗f6 ♗g3 5. ♗g5 ♗xg2 6. ♗xh4  
 9) 1. g4 (1. e5? dxe5 2. g4 ♗xc4) 1. ... ♗d4 2. g5 ♗e5 3. ♗e2 (3. ♗d2)  
 10) 1. c3 (1. ♗xa5 b3) 1. ... bxc3 2. ♗a3 a4 3. ♗a2 and Black loses all pawns.  
 11) 1. h6 ♗f6 2. ♗b4 b5 (2. ... a5+ 3. ♗b5) 3. ♗c5  
 12) 1. h6! (1. f4+? ♗f6 2. exf5 ♗xf5 3. ♗b2 ♗f6 4. ♗c3 ♗g7 5. ♗d4 ♗h6) 1. ... ♗f6 4. exf5  
 (Shukurov, 2007)

54 - Discovered attack: A

- 1) 1. ... e5

- 2) 1. ... ♖c4
- 3) 1. ♕g5
- 4) Drawing
- 5) Drawing
- 6) 1. ... ♗d4
- 7) 1. ♗h4
- 8) 1. ♗c1
- 9) 1. ♗d2
- 10) 1. ... ♗f6
- 11) 1. f5 (1. ♖g5? = *Granda Zuniga-Svidler, Madrid 1998; 0-1*) 1. ... ♕xg2+ 2. ♔xg2 (2. ♖xg2? ♗h3)
- 12) 1. ♗a4

55 - *Discovered attack: B*

- 1) 1. ♗b5
- 2) 1. ♗f2
- 3) 1. ♕b1
- 4) 1. ♗h4
- 5) 1. ... c4
- 6) 1. ♗g3
- 7) 1. ... ♗c8 2. ♗e5 ♕xe5
- 8) 1. ♗c6
- 9) 1. ... ♗f6
- 10) 1. f5
- 11) 1. ♗d5 ♗g4 2. ♗xf6+
- 12) 1. ... ♗g6

56 - *Discovered attack: C*

- 1) 1. d5
- 2) 1. ♕xd5
- 3) 1. ♕h7
- 4) 1. ♗e5
- 5) 1. ♗d5 ♗xd2 (1. ... ♗xd5 2. ♗xa5) 2. ♗c7#
- 6) 1. ♗d4
- 7) 1. ... ♖d1 2. ♗xd1 ♗xc3#
- 8) 1. ♕e6
- 9) 1. ... ♗b6 (1. ... ♗c5 2. ♗c4)
- 10) 1. ♗xf7+ ♖xf7 2. ♗g8#
- 11) 1. ... ♗e4 2. dxe4 (2. ♗xe7 ♗d2#) 2. ... ♗xb4
- 12) 1. ... ♗d7