

Step 2

3 Test / Mix (1st step): A

- | | |
|---|--|
| 1) 1. Qd5-a8# | wins. The white queen should be on a6.) |
| 2) 1. Ne6-c7# | |
| 3) 1. ... Be2 f3# | 8) 1. ... Kg8-h8 (1. ... Kg8-g7? 2. Qe6-f6#) |
| 4) 1. ... b7-b6 | 9) 1. Kf1-g1 (1. Kf1-e1? Bf6-c3#) |
| 5) 1. ... Rf8-f7 | 10) 1. Bg3xc7 or 1. Nd5xc7 |
| 6) 1. Bg2-f1 | 11) 1. ... Nf6xe4 or 1. ... Bb7xe4 |
| 7) 1. Be3-g1 is intended (1. Be3xc1 Rc8xc1# 2. Qa7-g1 | 12) 1. Bb3xf7+; 1. Rf1xf7? a4xb3 |

4 Test / Mix (1st step): B

- | | | |
|-------------------|-------------------|--------------------|
| 1) 1. ... Bc5xf2+ | 5) 1. ... Qh4-e1# | 9) 1. Rc1xc2 |
| 2) Drawing | 6) 1. ... Qd4xb2# | 10) 1. Ne4-f6# |
| 3) Drawing | 7) 1. ... Rh6-a6 | 11) 1. ... Rh3-f3# |
| 4) 1. Bb2-g7# | 8) 1. ... Ne5-c6 | 12) 1. ... Bf8xb4 |

6 Double attack / Setting up a double attack: A

- | | | |
|---|---------------------------------|--|
| 1) d7, f7
Wrong: Qb3 Rb6,
Qd5 Rc6 | Wrong: Qd1 Nb3,
Qd7 Nb5 | 10) d6, e6, f6, g1 |
| 2) b8, f6, h2 | 5) e4, f4, g8 | 11) a2
Wrong: Qf5 (Nf4 is protected) |
| 3) a8, b7, f5, g8
Wrong: Qd8/d7
Nd6 | 6) a5, d5, g2 | 12) b6,f4
Wrong: Qd8/d6
Nd5, Qh4 Ne4 |
| 4) a1, a7, c4 | 7) a2, a8, d5, d8, g5 | |
| | 8) c1, c5 | |
| | 9) b1, c2, f2
Wrong: Qb5 Be5 | |

7 Double attack / Queen: A

- | | | |
|---------------|---------------|--------------------|
| 1) 1. Qe7-e1+ | 5) 1. Qc2-c7+ | 9) 1. Qe1xb4+ |
| 2) 1. Qc2-c6+ | 6) 1. Qe2-b5+ | 10) 1. Qf1-c4+ |
| 3) 1. Qg7-b2+ | 7) 1. Qd2-h6+ | 11) 1. Qd1-d6+ |
| 4) 1. Qg4-d4+ | 8) 1. Qf3-d5+ | 12) 1. ... Qf6-c6+ |

8 Double attack / Queen: B

- | | | |
|--------------|------------------|-------------------|
| 1) 1. Qc2-c7 | 5) Drawing | 9) 1. Qd6-d1 |
| 2) 1. Qe2-b5 | 6) 1. Qf3-d3 | 10) 1. Qd4-h8 |
| 3) 1. Qd1-d6 | 7) 1. ... Qd8-e7 | 11) 1. ... Qd1-h5 |
| 4) 1. Qf3xb7 | 8) 1. Qd2-f2 | 12) 1. Qf2xh4 |

10 Double attack / Queen: C

- | | | |
|--|------------------|-------------------|
| 1) 1. Qf1-c4 | pawn.) | 8) 1. Qd2-g5 |
| 2) 1. Qe2-e5 | 4) 1. Qa2-f2 | 9) 1. ... Qf7-b7 |
| 3) 1. Qd1-d6 (1.
Qd1-h5 and 1.
Qd1-d5 only win a | 5) 1. ... Qb5-g5 | 10) 1. Qb2-c3 |
| | 6) 1. ... Qa5-c3 | 11) 1. ... Qd8-h4 |
| | 7) 1. ... Qd7-b5 | 12) 1. Qd4-f2 |

11 Double attack / Setting up a double attack: B

- | | | |
|--------|--------|---------|
| 1) Qd5 | 5) Qh7 | 9) Qd8 |
| 2) Qc1 | 6) Qf2 | 10) Qf5 |
| 3) Qd5 | 7) Qa4 | 11) Qf6 |
| 4) Qb5 | 8) Qe4 | 12) Qf4 |

12 Double attack / Queen: D

- | | | |
|-------------------|-------------------|-------------------|
| 1) 1. ... Qe7xc5+ | 6) 1. ... Qe3-e2 | Qa8-f3 Nf2xh1) |
| 2) 1. Qf3-f8+ | 7) 1. ... Qe8-c6 | 11) 1. ... Qf6-c6 |
| 3) 1. Qd1-h5+ | 8) 1. Qf2-a7 | 12) Drawing |
| 4) 1. Qd7-h3+ | 9) 1. Qe2-e4 | |
| 5) 1. Qc4-a4 | 10) 1. Qa8-a7 (1. | |

13 Double attack / Queen: E

- | | | |
|-------------------|------------------|-------------------|
| 1) 1. ... Qe7-b4+ | 5) 1. Qd1-b3+ | 9) 1. ... Qd7-e7 |
| 2) 1. Qd2-h6 | 6) 1. Qd1-a4 | 10) 1. ... Qb8-g3 |
| 3) 1. Qc4-d4 | 7) 1. Qe2-d1+ | 11) 1. ... Qd7-g4 |
| 4) 1. Qd1-a4+ | 8) 1. ... Qa2-d5 | 12) 1. Qe2-e5+ |

14 Double attack / Queen: F

- | | | |
|-------------------|-------------------|---|
| 1) 1. Qf3-f6 | 6) 1. Qd2-b4 | 11) 1. ... Qd8-b6 |
| 2) 1. ... Qc7xc2 | 7) 1. Qf2-c2+ | 12) 1. Qe3-c5 (1.
Qe3xa7 only wins a
pawn.) |
| 3) 1. ... Qf7-a7+ | 8) 1. ... Qf7-a2 | |
| 4) 1. Qg7-b2 | 9) 1. ... Qe6-c4 | |
| 5) 1. Qc1-h1 | 10) 1. ... Qe8-d8 | |

16 The pin / Pin: A

- | | | |
|------------------|------------------------------|-------------------|
| 1) 1. ... Be8-b5 | 6) 1. ... Qd6-c5 (c6,
c7) | 10) 1. Bf1-b5 |
| 2) 1. Ra1-a5 | 7) 1. Bf2-h4 | 11) 1. ... Bg7-e5 |
| 3) 1. ... Qh8-h6 | 8) 1. ... Rh4-c4 | 12) Drawing |
| 4) 1. Bd6-c5 | 9) 1. Bc2-e4 | |
| 5) 1. Ra4-d4 | | |

17 The pin / Setting up a pin: A

- | | | |
|--------|--------|---------------|
| 1) Ra8 | 3) Qe6 | 5) Bc5 or Bd4 |
| 2) Be5 | 4) Rh2 | 6) Qa8 |

- | | | |
|--------|---------|---------|
| 7) Bh1 | 9) Rc4 | 11) Bg5 |
| 8) Qa3 | 10) Qa4 | 12) Ra4 |

18 The pin / Pin: B

- | | | |
|------------------|--------------|-------------------|
| 1) 1. Qe2-e4 | 5) 1. Bc1-b2 | 9) 1. Be2-f3 |
| 2) 1. ... Rf8-c8 | 6) 1. Bd3-b5 | 10) Drawing |
| 3) 1. ... Qd6-c5 | 7) Drawing | 11) Drawing |
| 4) 1. Rc5-c7 | 8) Drawing | 12) 1. ... Rf8-e8 |

19 The pin / Pin: C

- | | | | |
|------------------|------------------|------------------|---------------|
| 1) 1. Ra1-d1 | 5) 1. ... Qd4-d6 | 9) 1. ... Qf8-a8 | Bd4xf2+) |
| 2) 1. ... Be7-b4 | 6) 1. ... Be7-c5 | 10) 1. Qe1-b1 | 12) 1. Bg2-f1 |
| 3) 1. Rf1-e1 | 7) 1. Qe1-b4 | 11) 1. Qc2-d1! | |
| 4) 1. ... Ba4-c6 | 8) 1. Bh3-f1 | (1. Qc2-d2?) | |

21 Elimination of the defence / Capturing + material: A

- | | |
|------------------------------------|--------------------------------------|
| 1) 1. Bb2xf6+ Ke7xf6 2. Rd1xd5 | 8) 1. Nd3xc5 b6xc5 2. Ba4xd7; 1. ... |
| 2) 1. ... Nb6xc4+ 2. b3xc4 Re8xe2+ | Bd7xa4 2. Nc5xa4 |
| 3) 1. Bd3xg6+ Kf7xg6 2. Nf3xe5+ | 9) 1. ... Qg6xc2 2. Rc1xc2 Bd7xa4 |
| 4) 1. ... Ra2xg2 2. Kh1xg2 Kh7xg7 | 10) 1. Ng4xf6 Rf8xf6 2. Re3xc3 |
| 5) 1. Rh1xh7 Kg8xh7 2. Kf3xe4 | 11) 1. ... Ra2xe2 2. Re1xe2 Be6xc4 |
| 6) 1. Be3xb6 a7xb6 2. Rd1xd7 | 12) 1. Rc1xc7 Na6xc7 2. Re1xe7 |
| 7) 1. Re8xd8 Bf6xd8 2. Bb3xd5 | |

22 Elimination of the defence / Chasing away + material: A

- | | | |
|-----------------|--------------------------|---------------------------|
| 1) 1. ... b5-b4 | 6) 1. ... Rh8-h4+ | 10) 1. Bg6-d3; 1. |
| 2) 1. ... g5-g4 | 7) Drawing | Bg6-h5? Re2-e5. |
| 3) 1. c2-c4 | 8) Drawing | 11) 1. ... Nc6-a5; 1. ... |
| 4) 1. Bf2-c5 | 9) 1. ... Bf8-h6; 1. ... | Nc6-e5? |
| 5) 1. Rd2-f2+ | Bf8-a3? 2. Ra1. | 12) 1. ... Ra8-d8 |

23 Elimination of the defence / Capturing + material: B

- | | | |
|------------------|-------------------|--------------------|
| 1) 1. Bb3xd5+ | 5) 1. ... Qg7xg2+ | 9) 1. Nf5xh6+ |
| 2) 1. Rg1xg6 | 6) 1. Rh6xc6+ | 10) 1. ... Qc5xe3+ |
| 3) 1. Ra7xf7+ | 7) 1. Nc7xe8 | 11) 1. e6xf7+ |
| 4) 1. ... Bc5xd4 | 8) 1. Re1xe6 | 12) 1. Re6xf6 |

24 Elimination of the defence / Luring away + material: B

- | | | |
|---------------|-----------------------|---------------------|
| 1) 1. b5-b6 | 5) 1. ... Ba5-d2+ | 8) 1. ... Rf8xf2 2. |
| 2) 1. Re2-e5+ | 6) 1. ... d5-d4 | Be3xf2 Kg6xg5 |
| 3) 1. Nc3-d5 | 7) 1. Bf2xc5 d6xc5 2. | 9) 1. ... Rd2xd1 2. |
| 4) 1. f5-f6+ | Re1xe5 | Qf1xd1 Qe3xf2 |

- | | | |
|--|-------------------------------------|--|
| 10) 1. ... b7-b5 2.
Qc4xb5 Re8xe4 | Bd4-g1 Qc7xc5; 1.
... Qc7xc5? 2. | 12) 1. Nf3-g5+ Bd8xg5
(otherwise 2. |
| 11) 1. ... Ra8-a1+ 2.
Bd4xa1 Qc7xc5; 2. | Bd4xc5 Ra8-a1+ 3.
Bc5-g1 | Ng5xe6) 2.
Rc1xc7+ |

26 Opening / Golden rules: A

- 1) **Bf1-c4:** The bishop controls the centre and has some control over the opponents side of the board.
 Bf1-d3: The bishop blocks the d2 pawn, which blocks the bishop on c1.
 Nb1-a3: On a3 the knight has less mobility and no control of the centre.
- 2) **Bf1-c4** The bishop controls the centre and has some influence over the opponents side of the board.
 Bf1-b5+ Giving check is not correct in this position. Black can play 1. ... c7-c6 and the bishop must move again.
 Bf1-e2 Too modest. The move of the bishop makes castling possible but the bishop does not control the centre.
- 3) **Nb8-c6** The best way to protect the pawn on e5.
 f7-f6 The pawn on f6 is in the way of the knight on g8. Moving this pawn can expose the uncastled Black king to an attack. It is too early to explain the consequences of 2. Nf3xe5.
 Qd8-e7 The queen protects the pawn on e5 but prevents the bishop on f8 from coming out.
- 4) **Nb8-c6** A developing move attacking the queen. White must lose time now because the queen has to move again.
 c7-c5 The pawn attacks the queen, but on c5 the pawn is a bit in the way of the bishop on f8.
 d7-d6 Not a bad move, but not the best. White plays 2. Ng1-f3 and on 2. ... Nb8-c6 White can play 3. Bf1-b5 and keep the queen on d4.
- 5) **Ng1-f3** The best square for the knight. White can castle next move.
 Qd1-f3 Only if Black is not careful, is this a good move, but after 1. ... Ng8-f6 Black has parried the mating threat. The queen on f3 is in the way of the knight on g1.
 Qd1-h5 Black plays 1. ... Qd8-e7 and on the next move chases away the queen with 2. ... Ng8-f6 costing White time.
- 6) **0-0** Black protects f7 with a developing move.
 Qd8-e7 The queen does not really protect f7. She is too valuable.
 Rh8-f8 Not a proper protecting move. Black cannot castle kingside any longer.
- 7) **0-0** The king is safe. Excellent move.
 Bg5-e3 The bishop is well placed on g5. There is no reason to move the same piece twice in the opening unless it is under attack.
 Bg5xf6 An unnecessary exchange. Do not exchange if not necessary.
- 8) **Ng8-f6** The right move. Here the knight controls two centre squares.

- Ng8-e7 The knight on e7 has less mobility than on f6. From there it controls two squares in the centre.
- Bc8-d7 A developing move, but the bishop is not so active on d7.
- 9) **0-0** White correctly applies the third golden rule – king safety.
- Nf3xe5 The pawn on e5 cannot be taken so easily. Black wins the knight by the double attack: 1. ... Qd8-a5+.
- Nf3-g5 A premature attack on f7. Black plays 1. ... d7-d5.
- 10) **Ng1-f3** The move of the knight enables castling. On f3 the knight attacks e5 and he controls two centre squares.
- Bf1-b5 This is a good move when there is a knight on c6. The bishop can be chased away by a pawn.
- d2-d3 Not a bad move but the bishop on f1 cannot be developed to an active square anymore.
- 11) **e2-e3** White must parry the threat Qh4xf2#. This is the only way.
- d2-d4 Defends against the mate on f2, but after 1. ... Bc5xd4 White just loses a pawn and there is the same mating threat.
- Ng1-f3 Sometimes developing is not right. Black gives mate on f2.
- 12) **Qd1-d5** Now and then a quick attack on f7 is correct. Black can protect f7 only by 1. ... Ng8-h6, but with ‘capturing + material’ (2. Bc1xh6). White wins material.
- Nb1-c3 Good move but not the best. There are always exceptions to the rules.
- 0-0 Good move but not the best.

27 Test / Repetition: A

- | | | |
|------------------|------------------|------------------|
| 1) 1. ... Ra8-d8 | 5) 1. ... Rf8-c8 | 9) 1. ... Rf8-e8 |
| 2) Ra8 | 6) Qa2 | 10) Qf4 |
| 3) 1. Qe2-e4 | 7) Drawing | 11) 1. Qe2-e5 |
| 4) 1. ... Qg6xc2 | 8) 1. Rh1xh7 | 12) 1. Bd3-b5 |

28 Test / Mix: C

- | | |
|--|--|
| 1) 1. Bf1-b5 (pin) | queen) |
| 2) 1. ... Bf8-h6 (pin) | 9) 1. ... Qd7-b7 (double attack: queen) |
| 3) 1. Rf1-e1 (pin) | 10) 1. ... Ra1xe1 (luring away + material) |
| 4) 1. Re1xe5 (capturing + material) | 11) 1. Be3-h6+ (luring away + material) |
| 5) 1. Ng3xe4 (capturing + material) | 12) 1. Nf3-e5 (chasing away + material) |
| 6) 1. ... Rf8xf3 (capturing + material) | |
| 7) 1. Qe7-e3+ (double attack: queen) | |
| 8) 1. ... Qg6-c2+ (double attack: queen) | |

29 Test / Mix: D

- | | |
|------------------------|--------------------|
| 1) 1. ... Bh4-f6 (pin) | 2) 1. Be2-b5 (pin) |
|------------------------|--------------------|

- | | |
|---|---|
| 3) 1. ... Ra8-d8 (pin) | 9) 1. Qh4-d8 (double attack: queen) |
| 4) 1. Rg1xg7+ (capturing + material) | 10) 1. ... b7-b5 (luring away + material) |
| 5) 1. Qd4xf6+ (capturing + material) | 11) 1. Rh1-h8+ (luring away + material) |
| 6) 1. Re1xe5 (capturing + material) | 12) 1. Ne5-c4 (chasing away + material) |
| 7) 1. ... Qg6-f6 (double attack: queen) | |
| 8) 1. Qe2-h5 (double attack: queen) | |

30 Test / Mix: E

- | | |
|--|--|
| 1) 1. ... Qc7-f4+ (double attack: queen) | 6) 1. Qd1-a4+ (double attack: queen) |
| 2) 1. Bg2xd5 (pin) | 7) 1. Nf5xg7 (capturing + material) |
| 3) 1. ... Qa5xd2+ (capturing + material) | 8) 1. Rd1-d8+ (luring away + material) |
| 4) 1. Bc2-b3+ (chasing away + material); 1. Bc2-h7+ Kg8-f7 is not working. | 9) Drawing |
| 5) 1. Bg3xd6+ (capturing + material) | 10) 1. ... Rf8-d8 (pin) |
| | 11) 1. ... Qe3-e4 (double attack: queen) |
| | 12) Drawing |

31 Mate / Composing mate: A

- | | | | |
|------------|-------------|-------------|--------------|
| 1) Qb7, c6 | 4) Rg1, Nf3 | 7) Ra8, Bc6 | 10) Qe7, Nf5 |
| 2) Qa7, a3 | 5) Ra5, Nd7 | 8) Rf8, Bh6 | 11) Ng6, Qd7 |
| 3) Qa4, b3 | 6) Rb5, Nc3 | 9) Ra5, Bd8 | 12) Ne7, Qf6 |

32 Mate / Mate in two: A

- | | |
|---|--------------------------------------|
| 1) 1. Rf5-f7+ Ka7-b8 2. Rg6-g8#; smart is 1. Rf5-b5 Ka7-a8 2. Rg6-a6# | 6) Drawing |
| 2) 1. Rb1-b7+ Kh7-g8 2. Ra1-a8# | 7) 1. ... Be7-c5+ 2. Kg1-h1 Rf8-f1# |
| 3) 1. Rb2-g2+ Kg7-h6 2. Ra1-h1# | 8) 1. ... Bg4-f3+ 2. Kg2-f1 Rh8-h1# |
| 4) 1. Qe6-g6+ Kh7-g8 2. Rb6-b8# | 9) Drawing |
| 5) 1. Qb3-b8+ Ka7-a6 2. Rb1-a1# | 10) 1. ... Nd8-g8+ 2. Kg2-h1 Nd3-f2# |
| | 11) 1. Nd5-e7+ Kg8-h7 2. Rg2-h2# |
| | 12) 1. ... Nd4-f3+ 2. Kg1-h1 Ra2xh2# |

33 Mate / Mate in two: B

- | | |
|-------------------------------------|-------------------------------------|
| 1) 1. ... Qe3-e1+ 2. Rd1xe1 Re8xe1# | Rh8xh1# |
| 2) 1. Rd7xa7+ Bb6xa7 2. Re7xa7# | 7) 1. Qd4xf6+ Ne8xf6 2. Bb2xf6# |
| 3) 1. Qd3-d8+ Nc6xd8 2. Rd1xd8# | 8) 1. ... Nd3-f2+ 2. Nh3xf2 Ne4xf2# |
| 4) 1. Qg5-g7+ Qf7xg7 2. f6xg7# | 9) 1. Qe5xe6+ Bd7xe6 2. Re1xe6+ |
| 5) 1. ... Re7-e1+ 2. Ra1xe1 Qh4xe1# | 10) 1. Qa3-f8+ Rf4xf8 2. Rf1xf8# |
| 6) 1. ... Rh3-h1+ 2. Ng3xh1 | 11) 1. Qc1-h6+ Rd6xh6 2. Rc6xh6# |
| | 12) 1. Qf3-f6+ Be5xf6 2. Bd4xf6# |

34 Mate / Mate in two: C

- | | |
|--|---|
| 1) 1. Qa4-e8+ Kh8-h7 2. Qe8-g8# | 9) 1. ... Qf2-f3+ 2. Kh1-h2
Qf3-h3# |
| 2) 1. Qh2-g2+ Ka8-b8 2. Qg2-b7# | 10) 1. Qd5-b7+ Kh7-h6 (1. ...
Kh7-g8 2. Qb7-g7#) 2.
Qb7-h1# |
| 3) 1. Qe5-c5+ Kb6-a6 2. Qb5-a5# | 11) 1. ... Qh6-c6+ 2. Kh1-g1
Qc6-g2# |
| 4) 1. Qe5-a5+ Kb6-c6 2. Qa5-c5# | 12) 1. ... Qd7-d5+ 2. Kg2-f1
Qd5-f3# |
| 5) 1. Re1-e8+ Kb8-a7 2. Re8-a8# | |
| 6) 1. ... Rd8-d1+ 2. Kf1-e2
Rd1-e1# | |
| 7) 1. Qh6-h7+ Kf7-f8 2. Qh7-g8# | |
| 8) 1. Qe3-a3+ Ka7-b7 2. Qa3-a6# | |

35 Mate / Mate in two: D

- | | |
|-------------------------------------|--------------------------------------|
| 1) 1. ... Bh5-f3+ 2. Kh1-h2 Bf8-d6# | 7) 1. Bc3-a5+ Kc7-c8 2. Rd1-d8# |
| 2) 1. Ne4-f6+ Kg8-g7 2. Qf5-h7# | 8) drawing |
| 3) 1. Na4-b6+ Kc8-d8 2. Ra1-a8# | 9) drawing |
| 4) 1. ... Re8-e1+ 2. Kb1-c2 Qa3-c1# | 10) 1. Nf4-e6+ Kf8-g8 2. Rb7-g7# |
| 5) 1. ... Qf4-f3+ 2. Kg2-g1 Nd4-e2# | 11) 1. ... Be5-f4+ 2. Kd2-c3 Qf1-a1# |
| 6) 1. Qh4-h8+ Kf8-e7 2. Rc4-c7# | 12) 1. Qe6-c8+ Kf8-e7 2. Rh6-e6# |

36 Double attack / Knight: A

- | | | |
|--------------------|---------------------------|-------------------|
| 1) 1. Nd5xc7+ | 7) 1. Ne4-d6 | Nb3xc5+; 1. ... |
| 2) 1. Nc4-d6+ | 8) 1. Nb5-c7 (1. | Nc5xb3 2. Bd1xb3 |
| 3) 1. Nf5-d6+ | Nb5-d6? | Nf4-d3 is correct |
| 4) 1. Nb5xc7+ (1. | 9) 1. Nf4-e6 (1. | too) |
| Bf4xc7 only wins a | Nf4-d5 Nb8-a6) | 12) 1. Nf4-d5 |
| pawn) | 10) 1. ... Ne6-g5 | (1. Nc3-d5? |
| 5) 1. Nc4xb6) | 11) 1. ... Nc5-d3 (1. ... | Qc7xc2#) |
| 6) 1. ... Nf5-d6 | Nf4-d3? 2. | |

37 Double attack / Knight: B

- | | |
|--|---|
| 1) 1. Nc4-e3 | 7) 1. ... Nc4-d6 |
| 2) 1. Nc5-e6+ | 8) 1. ... Ne5-f3 |
| 3) 1. ... Ne5xd3+ | 9) 1. ... Ne5-f3+ |
| 4) 1. Ne4-d6+ | 10) 1. ... Nf6-g8 (1. ... Nf6-d5? 2.
Bg2xd5) |
| 5) 1. e7-e8N+ (1. Nf4-e6+ is against
the rules; 1. e7-e8Q
Qc7xc2#) | 11) 1. Nf4-g6+ |
| 6) 1. Ne5xf7+ | 12) 1. ... Nh5-g3 (1. ... Nc6-d4? 2.
Qe2-d1 but Black is better) |

38 Mate / Mate in two (rook):E

- | | | |
|------------------------------|------------------|--------------|
| 1) 1. Rf7-f1 | 3) 1. ... Rc1-d1 | 6) 1. Ka5-b6 |
| 2) 1. Rf6-a6 or 1.
Kf8-f7 | 4) 1. ... Kc4-b3 | 7) 1. Rd1-d7 |
| | 5) 1. ... Kc6-c7 | 8) 1. Ra1-a2 |

- | | | |
|---------------|---------------------|--------|
| 9) Drawing | 11) 1. Ke2-d3 | Kc2-b3 |
| 10) 1. Kd5-e6 | 12) 1. Rh2-h8 or 1. | |

39 Test / Mix: F

- | | |
|---|--|
| 1) 1. Bf5xd7 Rc7xd7 2. Nd3xe5
(capturing + material) | (luring away + material). |
| 2) 1. ... Qa5-a2+ 2. Kb1-c1
Qa2xc2 # (mate in two) | 8) 1. Ne5-d7+ (double attack:
knight) |
| 3) 1. Qd2-d7 (double attack: queen) | 9) 1. ... e5xd4+ 2. Nf3xd4 Rc8xc5
(capturing + material) |
| 4) 1. Qe4-c6+ Ke8-f8 2. Qc6xa8#
(mate in two) | 10) 1. Ra1-a8 and if the bishop
moves, mate on h8 follows (pin) |
| 5) 1. ... Rb8-e8 (pin) | 11) 1. Qc3-e5+ Kb8-a8 2. Qe5-e8#
(mate in two) |
| 6) 1. Qd1-a4+ (double attack: queen) | 12) 1. ... Qf6-b2 (double attack:
queen) |
| 7) 1. Rh1xh6+ Bg7xh6 2. Qe2xe5+;
1. Qe2xe5+ brings in a pawn | |

40 Test / Mix: G

- | | |
|--|--|
| 1) 1. Bf3-d5 (pin) | (mate in two) |
| 2) 1. Qf7-g8+ (mate in two) | 7) 1. ... Ra8-a2 (pin) |
| 3) 1. ... Nc5-d3 with mating threat on
b2 (double attack: knight) | 8) 1. Qe2-g2 (double attack: queen) |
| 4) 1. ... Qc7xc4 2. Nd2xc4 Rd8xd5
(capturing + material) | 9) 1. b2-b4 and 2. Rf2xf5 (chasing
away + material) |
| 5) 1. Qd1-c2 (double attack: queen) | 10) 1. Ra1-a7 (pin) |
| 6) 1. Re6-a6+ Ka7-b8 2. Nc5-d7# | 11) 1. ... Qg6-d6 (pin) |
| | 12) 1. Nh5-f6+ (double attack: knight) |

41 Double attack / Rook, bishop, pawn, king: A

- | | | |
|---------------|---------------|------------------|
| 1) 1. Rd2-d8+ | 5) 1. Bf3-d5+ | 9) 1. ... d5-d4 |
| 2) 1. Rf1-f5+ | 6) 1. Bg2xc6 | 10) 1. ... f3xg2 |
| 3) 1. Re4-c4 | 7) 1. Ba4-d7 | 11) 1. c4-c5 |
| 4) 1. Rc1-c7 | 8) 1. Bg3-c7 | 12) 1. Kd2-c3 |

42 Double attack / Rook, bishop, pawn, king: B

- | | | |
|-------------------|-------------------|---------------|
| 1) 1. ... Rc8-c2+ | 5) 1. ... Bd6xg3+ | 9) Drawing |
| 2) 1. Bg3-e5+ | 6) 1. Bf3-d5 | 10) 1. Be2-c4 |
| 3) 1. Rd1-d7 | 7) 1. c2-c4 | 11) Drawing |
| 4) 1. Rh5-g5+ | 8) Drawing | 12) Drawing |

43 Double attack / Cooperation of two pieces: B

- | | |
|--------------------------------|-----------------------------------|
| 1) 1. Qd2-d4 f7-f6 2. Ng3xe4 | 5) 1. Nd5-e7 |
| 2) 1. Qf3-e3+ Qd7-e6 2. Bg5xh6 | 6) 1. Qb3-c2 g7-g6 2. Rc3xc8 |
| 3) 1. ... Bg6-d3 | 7) 1. ... Qb6-a5 2. Bc1-e3 Be7xg5 |
| 4) 1. Qf8-c5 Ra7-b7 2. Na6xc7 | 8) 1. Qd1-c1 0-0 2. Be3xh6 |

- 9) 1. Qf3-g3
- 10) 1. ... Bb7-e4
- 11) 1. Bg7-d4

- 12) 1. Qa7-a2; 1. Nh4-g6+? Kh8-g8
- 2. Qa7-a2+ Qc7-f7+

45 Double attack / Discovered attack: A

- | | | |
|---------------|-------------------|--------------------|
| 1) 1. Nd4-f5+ | 5) 1. ... Nf3-h4+ | 9) 1. Kf2-g3 |
| 2) 1. Ne4-d6+ | 6) 1. Rf7xa7+ | 10) 1. ... Kc5-b5 |
| 3) 1. Rc4-c8+ | 7) 1. e4-e5+ | 11) 1. ... Bd6-h2+ |
| 4) 1. Ne5-c6+ | 8) 1. ... d4-d3+ | 12) 1. Bd3xh7+ |

46 Double attack / Discovered attack: B

- | | | |
|-------------------|------------------|-------------------|
| 1) 1. ... Bb6-d4+ | 5) 1. ... Bc6xf3 | 9) 1. Be4-c6 |
| 2) 1. d3-d4+ | 6) Drawing | 10) 1. ... d5xc4 |
| 3) 1. ... Re5-g5+ | 7) 1. Ne4-c5 | 11) 1. ... Nd6-e4 |
| 4) 1. Bd3-b5+ | 8) 1. ... Rc4xd4 | 12) 1. ... c6-c5 |

47 Double attack / Discovered attack: C

- | | | |
|------------------|-------------------|--------------------|
| 1) 1. ... d4-d3+ | 1. Ne4-f6+? | 9) 1. Ne5xc6 |
| 2) 1. ... d7-d5 | Nd7xf6 | 10) 1. ... Re6-h6 |
| 3) 1. Re4-e8+ | 6) 1. Re5-b5+ | 11) 1. Ne4-f6+ |
| 4) 1. d4-d5 | 7) 1. ... Ng5-e4 | 12) 1. ... Re4-e1+ |
| 5) 1. Ne4-g5+; | 8) 1. ... Bd6xh2+ | |

48 Double attack / Discovered attack: D

- | | | |
|-------------------|------------------|------------------------|
| 1) 1. Bb4-e7 | 6) 1. Nd4-f5 | 11) 1. Ne4-d2!; 1. |
| 2) 1. ... Bc5-b4 | 7) 1. Re4-e7 | Ne4xc5? b6xc5 2. |
| 3) 1. ... Nd4-e2+ | 8) 1. Nc3-d1 | Qf3-a8 Qb3-b8 |
| 4) 1. ... Bc5-b4 | 9) 1. ... Nd5-c3 | 12) 1. Be4-f5; 1. Be4- |
| 5) 1. Ne3-f5 | 10) 1. Rf4-f8 | g2? Qh3-d7 |

50 Defending / Defending against mate: A

- | | |
|---|------------------|
| 1) 1. Re8-e1 | 7) 1. ... Nd7-f6 |
| 2) 1. ... Rg8-g6 (otherwise 2. Nc3-a4# or 2. Nc3-e4#) | 8) 1. ... Qf6-d8 |
| 3) 1. ... f5xg4 | 9) 1. ... Qa6-h6 |
| 4) 1. Qb5-d5 | 10) 1. Kh1-g1 |
| 5) 1. ... Kh8-h7 | 11) 1. ... c5-c4 |
| 6) 1. ... Rd7-d1+ | 12) drawing |

51 Defending / Defending against mate: B

- | | |
|------------------------------------|---|
| 1) no | 3) 1. ... Rd6-d1+ |
| 2) 1. ... Qd3xb3 2. Rc1-c8+ Qb3-g8 | 4) no, because 1. ... Qb8 2. Qa5+; 1. ... Kb8 2. Qd8+ or 1. ... |

Qa4 2. Qd8#

- 5) no
- 6) 1. Qb2xb7
- 7) 1. e7-e8N+
- 8) no

- 9) 1. Ng5-h3
- 10) 1. Kc1-b1
- 11) no, 1. ... f2 2. Qxf8#
- 12) no, 1. Kxc1 Qa1#, 1. Rxc1 Nd2#

53 Test / Repetition: B

- 1) 1. ... Bd6xh2+ (discovered attack)
- 2) 1. Nf5-d6+ (double attack: knight)
- 3) 1. Bg3-c7 (double attack: bishop)
- 4) 1. ... Be5-f4+ 2. Kd2-c3 Qf1-a1# (mate in two)
- 5) 1. Rc1-c7 (double attack: rook)

- 6) 1. ... Nc5-d3 (double attack: knight)
- 7) 1. Kd2-c3 (double attack: king)
- 8) 1. d4-d5 (discovered attack)
- 9) 1. ... Bh5-f3+ (mate in two)
- 10) 1. ... Bc6xf3 (discovered attack)
- 11) 1. ... Nd4-f3+ (mate in two)
- 12) 1. ... Nd5-c3 (discovered attack)

54 Test / Mix: H

- 1) 1. Ng5-e6+ (double attack: knight)
- 2) Drawing
- 3) 1. f7-f8N+ (double attack: knight)
- 4) 1. ... Kf2-g3 (double attack with two pieces)
- 5) 1. b2-b4 (double attack: pawn)
- 6) 1. ... Rd8-d1+ (1. ... Qd8xf6+? 2.

- Re1-e8#) 2. Kg1-f2 Qd8xf6+ (defending against mate)
- 7) 1. ... Qa4-c2+ (mate in two)
 - 8) 1. Rb7-e7+ (mate in two)
 - 9) 1. ... Qd4-h4+ (mate in two)
 - 10) 1. Bb3xf7+ (discovered attack)
 - 11) 1. ... Ne5xf3+ (discovered attack)
 - 12) 1. ... Nf5-d4 (discovered attack)

55 Test / Mix: I

- 1) 1. ... Be8-g6 (1. ... g7-g6 2. Rc7xh7#) (defending against mate)
- 2) 1. ... Nc5-d3 (double attack: knight)
- 3) 1. Re6xh6+ (discovered attack)
- 4) 1. Qf5-f6+ (mate in two)
- 5) 1. d4-d5 (discovered attack)
- 6) 1. Bf3xd5+ (double attack: bishop)

- 7) 1. Ne4-f6+ (mate in two)
- 8) 1. ... Bf5-c8 (double attack: bishop)
- 9) 1. Qd2xh6+ (mate in two) 1. Rf6xh6? Kh8-g8
- 10) 1. ... Ne2xg3+ (discovered attack)
- 11) 1. ... Nd6-e4 (double attack: knight)
- 12) 1. Be4-d5+ (discovered attack)

56 Test / Mix: J

- 1) 1. ... h6-h5 (defending against mate)
- 2) 1. ... Re8xe3+ (capturing +

- material)
- 3) 1. ... Nf4-e2+ (double attack: knight)

- 4) 1. Bf4-e5 (double attack: bishop) material)
- 5) 1. Bc2xh7+ (discovered attack) 9) 1. Qd4-d1 (pin)
- 6) 1. e4-e5 (discovered attack) 10) 1. ... Rh8-h4+ chasing away + material)
- 7) 1. ... Bc4-d5 (double attack: bishop) 11) 1. Qd3-b5+ (double attack: queen)
- 8) 1. ... Rf8xf2+ (capturing + 12) 1. ... Ne5-f3+ (discovered attack)