Step 3

2 Test / Mix: A
1) 1. ... \text{\textw{a}5}+ 2. c3 \text{\textw{x}e}5 (double attack: queen)
2) 1. \text{\texta}d5 (pin)
3) 1. ... \text{\textb{x}h}3+ (1. ... \text{\textw{x}f}3? 2. \text{\textw{x}f}3 \text{\textb{x}h}3+ 3. \text{\textg{2}}) 2. \text{\textb{x}h}3 \text{\textw{x}f}3+ (elimination of the defence: luring away+material; overload)
4) 1. \text{\textc{e}1} \text{\textw{x}e}4 2. \text{\textc{g}2} (2. f3) (double attack: knight)
5) 1. \text{\textc{e}5} \text{\texta}g8 (1. ... \text{\textb{g}5} 2. \text{\textb{x}g}5) 2. g4 (double attack: two pieces)
6) 1. ... \text{\textc{e}2}+ (1. ... \text{\textf{3}}?? 2. \text{\textw{x}f}3) 2. \text{\texth{2}} \text{\textb{x}d}1) (discovered attack)
7) 1. \text{\textd{6}} \text{\textb{8}} 2. \text{\textb{x}e}7 (double attack: two pieces)
8) 1. \text{\textw{a}6}+ \text{\textc{7}} 2. \text{\textw{b}7+} (mate in two)
9) 1. \text{\textw{c}5} (1. \text{\texta}1 and 1. \text{\textb}6 win less material (double attack: queen)
10) 1. \text{\textw{d}3}+ \text{\texte}6 2. \text{\textd}7 (2. \text{\textd}7+ \text{\texte}7 3. \text{\textb{x}g}4 \text{\texth}1\text{\textw{+}}) (mate in two)
11) 1. \text{\textd}6+ \text{\textc{x}d}6 2. \text{\textw{x}f}6+ (elimination of the defence: luring away+material)
12) 1. \text{\textc{x}d}6+ (elimination of the defence: luring away

3 Test / Mix: B
1) 1. \text{\textb{x}d}4 \text{\textw{b}4} 2. \text{\textb{x}b}4 (discovered attack)
2) 1. \text{\textb{f}7} (double attack: two pieces)
3) 1. \text{\textc{e}7}+ \text{\texth}7 2. \text{\textb{x}f}8 (elimination of the defence: chasing away+material)
4) 1. \text{\textc{e}7}+ (1. ... \text{\textb{x}b}6? \text{\textb{x}g}6; 1. \text{\textc{e}5}? \text{\texta}d4) (double attack: knight)
5) 1. \text{\textw{g}6}+ \text{\textg{8}} 2. \text{\textw{x}a}6 (double attack: queen)
6) 1. \text{\textw{e}7} (double attack: queen)
7) 1. ... \text{\textf}4 2. \text{\textx{f}4} \text{\textf}3+; 2. \text{\textw{x}b}7 \text{\textb{x}b}7 (discovered attack)
8) 1. \text{\texta}4 \text{\texta}5 2. \text{\textc{6}#} (pin)
9) 1. \text{\textw{a}3} (pin)
10) 1. ... \text{\textb{x}a}3 2. \text{\textb{x}a}3 \text{\textb{x}c}3 (elimination of the defence: luring away+material; overload)
11) 1. \text{\textc{e}7}+ and 2. \text{\textw{b}7#} (mate in two thanks to discovered attack)
12) 1. ... \text{\textb{x}c}3 and 2. ... \text{\textx{e}2}; 1. ... b4? 2. \text{\textf}1! (elimination of the defence: capturing+material)

4 Discovered and double check: A
1) 1. \text{\textc{e}6}+
2) 1. ... \text{\textc{b}4}+ (1. ... \text{\textb{x}a}3 2. \text{\textf}1; Black is a piece down)
3) 1. \text{\textb{x}g}8+ \text{\textx{g}8} 2. \text{\texta}a5
4) 1. \text{\textd}6+ (1. ... \text{\texta}5+ \text{\textx}b3) 1. ... \text{\textc{e}7} 2. \text{\textx}b7
5) 1. \text{\textx}b6+ (1. ... \text{\textc{e}7}+ \text{\texth}7)
6) 1. ... \text{\texta}a3+2. \text{\textc}2 \text{\textx}b2
7) 1. ... \text{\textd}1 (1. ... \text{\textc}3+2. \text{\textc}4 \text{\textx}c4 3. \text{\textx}c2)
8) 1. \text{\textx}d6 (1. ... \text{\textg}5?? \text{\textf}2 2. \text{\texth}4)
9) 1. ... \text{\textb}4#
10) 1. ... \text{\texte}6+ (1. ... \text{\textf}4+? 2. \text{\texte}5 1. ... \text{\textf}2+? 2. \text{\textb}1) 2. \text{\textc}2 \text{\textx}e4
11) 1. \text{\textg}5+1. \text{\textx}g7+ \text{\textx}g7 2. \text{\texth}7+? \text{\textf}6) 1. ... \text{\textx}h4 2. \text{\textx}h4#
12) 1. \text{\textd}7+ \text{\texte}8 2. \text{\textx}c7

5 Discovered and double check: B
1) 1. \text{\textg}5+ \text{\textc}7 (1. ... \text{\texte}8 2. \text{\textd}8#) 2. \text{\textd}8#
2) 1. \text{\texte}4+ \text{\texth}6 2. \text{\textx}g5#
3) 1. ... \text{\textc}1+ 2. \text{\textx}c1 (2. \text{\texta}1 \text{\textb}1#; 2. \text{\texta}3 \text{\textb}3#) 2. ... \text{\textb}1#
4) Drawing
5) Drawing
6) 1. \text{\textf}6+ \text{\texth}8 2. \text{\texth}7#
6 Discovered and double check: C
1) 1. \( \text{g}7+ \text{g}7 2. \text{g}6#
2) 1. ... \( \text{g}3+ 2. \text{g}1 \text{c}2#
3) 1. \( \text{f}5+ \text{g}6 2. \text{c}7#
4) 1. ... \( \text{g}3+ 2. \text{g}3 (2. \text{g}1 \text{h}1#) 2. ... \text{h}4#
5) 1. \( \text{g}7+ \text{g}7 2. \text{g}5#
6) 1. \( \text{e}8+ (1. \text{f}5? \text{b}5) 1. ... \text{d}7 2. \text{b}5#
7) 1. \( \text{h}5+ \text{d}5 2. \text{d}6#
8) 1. ... \text{f}3+ 2. \text{f}2 \text{c}4#
9) 1. \( \text{b}7+ \text{b}7 2. \text{c}8\text{h}#
10) 1. ... \( \text{f}2+ 2. \text{f}2 \text{d}1#
11) 1. ... \( \text{e}4+ 2. \text{d}3 \text{c}2#
12) 1. \( \text{f}5+ \text{xf}5 2. \text{e}6#

7 Attack on a pinned piece: A
1) 1. \( \text{g}4
2) 1. \( \text{e}4
3) 1. \( \text{g}5
4) 1. \( e5
5) 1. ... \( \text{d}5 (1. ... \( \text{h}3? 2. \text{xc}6)
6) 1. ... \text{f}5 (1. ... \( \text{e}8 2. \text{c}4)
7) 1. \( \text{f}5 (1. \text{b}3 \text{c}4; 1. \text{f}2 \text{d}7)
8) 1. \( \text{g}6
9) 1. \( \text{c}4
10) 1. ... \( \text{h}3
11) 1. ... \text{f}4
12) 1. ... \( \text{c}6 (1. ... \( \text{f}5? 2. \text{xf}5)

8 Attack on a pinned piece: B
1) 1. \( \text{ad}1 (1. \text{ed}1 \text{c}7)
2) 1. ... \( \text{f}2 (1. ... \( \text{b}3? 2. \text{g}2)
3) Drawing
4) 1. ... \( \text{e}4
5) 1. \( \text{h}6 (1. \( \text{d}4? \text{xd}4)
6) Drawing
7) 1. ... \( \text{f}3
8) 1. ... \( \text{a}7 (1. ... \( \text{d}8? 2. \text{xd}8)
9) 1. ... \( \text{c}7
10) 1. \( \text{f}1 (1. \( \text{f}3? \text{c}1+)
11) 1. \( \text{g}3 \text{h}3 2. \( \text{h}6#
12) 1. \( \text{h}6 (1. \text{g}5 \text{g}6)

9 Mate in two: Access: A
1) 1. \( \text{xa}7+ \text{xa}7 2. \text{a}2#
2) 1. ... \( \text{g}4+ 2. \text{fxg}4 \text{h}3#
3) 1. \( \text{g}7+ \text{g}7 2. \text{h}7#
1. $\text{e6+} fxe6 2. $\text{f1#}$

5. 1. $\text{h6+} gxh6 (1. ... $\text{g8} 2. $\text{e8#}) 2. $\text{e8#}$

6. 1. $\text{hxh6+} (1. ... $\text{g8!} 1. ... $\text{hxh6} 2. $\text{hxh6#}$

7. 1. $\text{xc6+} bx6 2. $\text{a6#}$

8. 1. ... $\text{hxh2} 2. $\text{txh2} $\text{h4#}$

9. 1. $\text{xb7+} $\text{xb7} 2. $\text{c6#}$

10. 1. $\text{h5} gxh5 2. $\text{hxh5#}$

11. 1. $\text{g5+} hxg5 2. $\text{h5#}$

12. 1. $\text{xe6+} (1. ... $\text{d8} 2. $\text{f8#}) 1. ... fxe6 2. $\text{f6#}$

10 Mate in two: Access: B
1. 1. $\text{hxh6+} gxh7 2. $\text{g8#}$

2. 1. $\text{hxh7+} $\text{hxh7} 2. $\text{h3#}$

3. 1. ... $\text{xa2+} 2. $\text{xa2} $\text{a8#}$

4. 1. $\text{hxh7+} (1. $\text{g6+} hxg6) 1. ... $\text{hxh7} 2. $\text{h2#}$

5. 1. $\text{g6} (1. $\text{h4} $\text{h6} 1. $\text{hxh7} $\text{f5}; 1. $\text{hxh7} $\text{e7}) 1. ... hxg6 2. $\text{h3#}$

6. 1. $\text{c8+} (1. $\text{c7+} + $\text{b8}) 1. ... $\text{xc8} 2. $\text{c7#}$

7. 1. $\text{xd8+} $\text{xd8} 2. $\text{e8#}$

8. 1. ... $\text{h2+} (1. ... $\text{e1+} 2. $\text{f1}) 2. $\text{hxh2} $\text{h8#}$

9. 1. $\text{xf5+} (1. $\text{g2} $\text{xc5}) 1. ... $\text{xf5} 2. $\text{g8#}$

10. 1. $\text{d6+} $\text{xd6} 2. $\text{d7#}$

11. 1. $\text{xa6+} (1. ... $\text{bxa6} 2. $\text{a8#}) 1. ... $\text{xa6} 2. $\text{a8#}$

12. 1. ... $\text{xa3} 2. $\text{bxa3} $\text{b1#}$

11 Mate in two: Access: C
1. 1. $\text{xa6+} (1. $\text{g2} $\text{a7}) 1. ... $\text{bxa6} 2. $\text{g2#}$

2. 1. $\text{xf7+} (1. $\text{b3 $\text{f8}) 1. ... $\text{xf7} 2. $\text{b3#}$

3. 1. $\text{xe6+} (1. $\text{b5 $\text{hxh2+} 2. $\text{hxh2} $\text{hxg5+}) 1. ... $\text{fxe6} 2. $\text{g6#}$

4. 1. ... $\text{xc3+} (1. ... $\text{f5} 2. $\text{b3}; 1. ... $\text{a3 2. $\text{b1}) 2. $\text{bxc3 $\text{a3#}$

5. 1. ... $\text{f3} 2. $\text{gxg3 $\text{h3#}$

6. 1. ... $\text{b1+} 2. $\text{xb1 $\text{c4#}$

7. 1. $\text{g7+} $\text{gxg7} 2. $\text{g2#}$

8. 1. ... $\text{f3} 2. $\text{gxg3 $\text{eg8#}$

9. 1. ... $\text{g4+} $\text{hxh4 $\text{h6#}$

10. 1. $\text{hxh5} (1. $\text{g6 (f6) 1. gxh5 2. $\text{h7#}$

11. 1. ... $\text{hxh3 2. $\text{f3#}$

12. 1. ... $\text{xf2+} 2. $\text{xf2 $\text{c5#}$

12 Mate in two: Access: D
1. 1. ... $\text{hxh2+} 2. $\text{hxh2 $\text{e3#}$

2. 1. $\text{xa7+} $\text{xa7} 2. $\text{c5#}$

3. 1. $\text{hxh7+} $\text{hxh7} 2. $\text{f5#}$

4. 1. $\text{gxg7+} $\text{gxg7} 2. $\text{e7#}$

5. 1. $\text{xc6+} $\text{bxc6} 2. $\text{d7#}$

6. 1. $\text{hxh2+} 2. $\text{hxh2 $\text{f5#}$

7. 1. ... $\text{xa2+} 2. $\text{xa2 $\text{c2#}$

8. 1. ... $\text{xa2+} 2. $\text{xa2 $\text{xb3#}$

9. 1. ... $\text{xf2} 2. $\text{g1 $\text{h3#}$

10. 1. $\text{xb7+} $\text{xb7} 2. $\text{c8#}$

11. 1. $\text{f6+} $\text{gxg6 2. $\text{xf7#}$

12. 1. ... $\text{xf2+} 2. $\text{xf2 $\text{e4#}$

13 Pawn endings / The square of the pawn: A

1) 1. ... $\text{c}$5; $\frac{1}{2}$-$\frac{1}{2}$
2) 1. ... $\text{f}$3 2. a4 $\text{e}$4; $\frac{1}{2}$-$\frac{1}{2}$
3) 1. $\text{f}$4; 1-0
4) 1. $\text{c}$6 $\text{e}$7 2. $\text{c}$7; 1-0
5) 1. $\text{d}$5; 1-0
6) 1. ... $\text{c}$2; 0-1
7) Drawing
8) Drawing
9) 1. $\text{a}$6; 1-0
10) 1. e6; 1-0
11) 1. $\text{c}$6 of 1. e6; 1-0
12) 1. ... e4 2. dxe4 h5; 0-1

14 Test / Mix: C

1) 1. $\text{e}$6+ (discovered check)
2) 1. $\text{d}$4 (the square of the pawn, shielding off)
3) 1. ... $\text{h}$5+; 2. ... $\text{h}$4# (mate in two access)
4) 1. ... $\text{d}$5 (1. ... $\text{e}$3? 2. $\text{d}$6) (attack on a pinned piece)
5) 1. ... $\text{b}$4+ and 2. ... $\text{e}$1# (double check)
6) 1. ... $\text{g}$4+ 2. $\text{hxg}4$ $\text{wh2}$; 2. $\text{h}$1 $\text{wh3}$# (mate in two access)
7) 1. $\text{a}$3+ $\text{xb}$2 2. $\text{xa}$7 (discovered check)
8) 1. $\text{b}$6 $\text{e}$7 2. $\text{c}$7 $\text{e}$8 3. d6 (the square of the pawn, helping); 1. $\text{b}$5 is good too but knowledge from lesson 14 is necessary: 14: 1. ... $\text{e}$7 2. $\text{c}$6 $\text{d}$8 3. $\text{d}$6 $\text{c}$8 4. $\text{e}$7 (key squares)
9) 1. $\text{xa}$6+ $\text{xa}$6 2. $\text{a}$1# (mate in two access)
10) 1. $\text{f}$6+ $\text{h}$8 2. $\text{h}$4# (double check)
11) 1. $\text{f}$6 (1. e6?? f6) 1. ... $\text{exf}$6 2. e6 (the square of the pawn, blocking the route)
12) 1. $\text{e}$5! (1. $\text{e}$5? $\text{xd}$3) (attack on a pinned piece)

15 Test / Mix: D

1) 1. $\text{xe}$5+ $\text{b}$6 2. $\text{c}$7# (mate in two thanks to double check)
2) 1. $\text{d}$4 (1. $\text{e}$7 $\text{wh1}$) (attack on a pinned piece)
3) 1. $\text{b}$4+ $\text{xb}$4 2. $\text{b}$2 (the square of the pawn)
4) 1. ... $\text{g}$5+ 2. $\text{hxg}$5 $\text{h}$# (mate in two access)
5) 1. $\text{e}$1+ (1. $\text{xe}$5+? $\text{b}$7 and $\text{e}$5 cannot capture on g3) (discovered check)
6) 1. d4 (the square of the pawn, shielding off)
7) 1. ... $\text{d}$3+ 2. $\text{b}$1 (2. $\text{d}$1 $\text{f}$1#) 2. ... $\text{f}$1# (mate in two access)
8) 1. ... $\text{h}$7 (1. ... f5? 2. $\text{h}$3+; 1. ... $\text{g}$6 2. $\text{h}$3?) (attack on a pinned piece)
9) 1. $\text{hx}$7+ $\text{hx}$7 2. $\text{h}$# (mate in two access)
10) 1. $\text{g}$2 (attack on a pinned piece)
11) 1. $\text{d}$6+ $\text{xd}$6 (1. ... $\text{f}$8 2. $\text{e}$8#) 2. $\text{g}$3# (discovered check and luring)
12) 1. g3 and 2. $\text{xe}$6 (1. $\text{xe}$6? f4 and 2. ... e3) (keeping the king in the square of the pawn)

16 Elimination of the defence / Capturing: A

1) 1. $\text{wh}$8+ and 2. $\text{d}$8#
2) 1. ... $\text{wh}$4 and 2. ... $\text{f}$2#
3) 1. $\text{xc}$7+ $\text{xc}$7 2. $\text{h}$5#
4) 1. ... $\text{xd}$1 and 2. ... $\text{f}$3#
5) 1. $\text{hx}$7+ $\text{hx}$7 2. g6#
6) 1. ... $\text{xd}$1+ 2. $\text{xd}$1 $\text{f}$1#
7) 1. $\text{xd}$4+ and 2. b6#
8) 1. $\text{xf}$6+ and 2. $\text{e}$8#
9) 1. ... $\text{xc}$4 and 2. ... $\text{a}$3#
10) 1. \( \text{\texttt{Ke}}7+ \text{\texttt{Ke}}7 2. \text{\texttt{Kh}}6# \\
11) 1. \text{\texttt{Kb}}8+ and 2. \text{\texttt{Kb}}5# \\
12) 1. ... \text{\texttt{Kb}}3 and 2. \text{\texttt{Ke}}5#

17 Elimination of the defence / luring away: A 
1) 1. ... \text{\texttt{Kc}}1+ 2. \text{\texttt{Kc}}1 \text{\texttt{Ke}}1# \\
2) 1. \text{\texttt{Kb}}8+ \text{\texttt{Kxa}}8 2. \text{\texttt{Ke}}8# \\
3) 1. \text{\texttt{Kd}}8+ \text{\texttt{Xd}}8 2. \text{\texttt{Kx}}3+ \\
4) 1. ... \text{\texttt{Kd}}4 2. \text{\texttt{Kx}}4? \text{\texttt{Kxh}}2# \\
5) 1. ... \text{\texttt{Kd}}4 2. \text{\texttt{Kx}}4? \text{\texttt{Kc}}1+ \\
6) 1. ... \text{\texttt{Kb}}6+ 2. \text{\texttt{Kb}}6? \text{\texttt{Kf}}1# \\
7) 1. \text{\texttt{Kd}}8+ \text{\texttt{Kxh}}8 2. \text{\texttt{Kxf}}8# \\
8) 1. ... \text{\texttt{Ke}}3+ 2. \text{\texttt{Kxe}}3 \text{\texttt{Kg}}3# \\
9) 1. \text{\texttt{Kxf}}6+ \text{\texttt{Kxf}}6 2. \text{\texttt{Kd}}8+ \\
10) 1. ... \text{\texttt{Kb}}1+ 2. \text{\texttt{Kxb}}1 \text{\texttt{Kf}}1# \\
11) Drawing \\
12) Drawing

18 Elimination of the defence / Chasing away: A 
1) a5 \\
2) 1. \text{\texttt{Kf}}7+ \text{\texttt{Kh}}8 2. \text{\texttt{Kf}}8# \\
3) 1. \text{\texttt{Kg}}1+ \text{\texttt{Kh}}8 2. \text{\texttt{Kxf}}8# \\
4) 1. f5 \\
5) 1. e5 \\
6) 1. \text{\texttt{Kd}}7+ \text{\texttt{Kh}}8 2. \text{\texttt{Kxf}}8# \\
7) 1. ... \text{\texttt{Kd}}4+ 2. \text{\texttt{Kh}}1 \text{\texttt{Kxf}}1# \\
8) 1. ... \text{\texttt{Kd}}4 \\
9) 1. ... b5 2. \text{\texttt{Kxc}}6 \text{\texttt{Kf}}1+ 3. \text{\texttt{Kxf}}1 \text{\texttt{Kxf}}1# \\
10) 1. ... \text{\texttt{Ke}}3 (1. ... \text{\texttt{Kg}}8 2. \text{\texttt{Kb}}3) \\
11) 1. \text{\texttt{Kb}}5 \\
12) 1. \text{\texttt{Ke}}5 \text{\texttt{Kb}}4 2. \text{\texttt{Kxf}}5#

19 Defending against a double attack: A 
1) 1. ... \text{\texttt{Ke}}7 \\
2) 1. ... \text{\texttt{Kd}}5 \\
3) 1. ... \text{\texttt{Kf}}6 \\
4) 1. ... \text{\texttt{Kc}}6 \\
5) 1. \text{\texttt{Ke}}3 \\
6) 1. \text{\texttt{Kf}}3 \\
7) 1. ... \text{\texttt{Kb}}7 \\
8) 1. ... \text{\texttt{Kc}}6 \\
9) 1. ... \text{\texttt{Kd}}4! 1. ... \text{\texttt{Kxb}}2 2. \text{\texttt{Kxg}}6 and 1. ... \text{\texttt{Kd}}8 2. \text{\texttt{Kh}}1 are good defences but win nothing. \\
10) 1. ... \text{\texttt{Kb}}8 (1. ... a5? 2. \text{\texttt{Kc}}6+; 1. ... \text{\texttt{Kd}}8? 2. b4#) \\
11) 1. ... \text{\texttt{Kf}}7 (1. ... \text{\texttt{Kd}}8? 2. \text{\texttt{Kc}}4) \\
12) 1. \text{\texttt{Kd}}6+ (1. \text{\texttt{Kb}}5+? \text{\texttt{Kxd}}4 2. \text{\texttt{Kxg}}5 \text{\texttt{Kh}}3+) 1. ... \text{\texttt{Kxd}}4 2. \text{\texttt{Kxc}}8

20 Defending against a double attack: B 
1) 1. ... \text{\texttt{Kf}}6+ \\
2) 1. \text{\texttt{Kg}}5 (threatens 2. \text{\texttt{Kf}}6#) \\
3) 1. f4 \text{\texttt{Kxd}}4 2. \text{\texttt{Kxa}}8+ \\
4) 1. \text{\texttt{Kg}}3 \text{\texttt{Kxd}}4 2. \text{\texttt{Kb}}8+ \\
5) 1. \text{\texttt{Kf}}3+ \text{\texttt{Kg}}1+ 2. \text{\texttt{Kg}}1+ \\
6) 1. ... \text{\texttt{Kf}}4
7) 1. ... ♔e7 2. ♗xc5 ♔d6 3. ♔xd7 ♔xc5
8) 1. e4 (1. e8♕? ♔c6+) 1. ... ♔xe4 2. e8♕
9) 1. ... ♔d6 (1. ... ♔e5? 2. ♔xe4+) 2. ♔xc6 (2. ♔c5 ♔b5+(2. ... ♔e5) ) 2. ... ♔c4+
 10) 1. ♔d5 ♕xd5 2. ♔f1
11) 1. ... ♔c7 (1. ... ♕xb5 2. c7; 1 ... ♕b1 2. ♔d5#)
12) 1. ... ♕xd5 (1. ... ♕b6? 2. ♕e8+) 2. ♕e8+ ♔g8

21 Double attack: Temptation: A
1) 1. ... ♔e3+ (1. ... ♔g5+? 2. ♔f4) 2. ♔c2 ♕xh6
2) 1. ... ♔e3+ (1. ... ♔d7+? ♔f7) 1. ... ♔h7 2. ♕xc7
3) 1. ... ♔e4+ (1. ... ♔h8+? ♕b8) 1. ... ♔b7 2. ♕xe5
4) 1. ... ♔e5+ (1. ... ♔a5+? 2. ♔b4)
5) 1. ... ♔e1 (1. ... ♔c6? ♔e7) 1. ... ♕hb4 2. ♕xe6
6) 1. ... ♔f3 (1. ... ♔e4? ♔f2+ 2. ♔h1 ♔f1+ 3. ♔h2 ♕xh3+) 1. ... ♔e6 2. ♔a8+
7) 1. ... ♔d5+ (1. ... ♔d3 ♔f6) 1. ... g6 2. ♕xa4
8) 1. ... ♔d5+ (1. ... ♔b3+ ♔c4+) 1. ... ♔h8 2. ♕xb7
9) 1. ... ♔d7+ (1. ... ♔g4+? ♕g6+) 1. ... ♕f7 2. ♕xc8
10) 1. ... ♔a3 (1. ... ♔f3? ♔d8) 1. ... h6 2. ♕xa7
11) 1. ... ♔f8+ (1. ... ♕b6+? 2. c5) 2. ♔f3 ♕xb4
12) 1. ... ♕g6 (1. ... ♔f5? 2. ♕xf4) 2. ♕e2 ♕xg5

22 Double attack: Temptation: B
1) 1. ... ♔h4+ (1. ... ♔c3+? ♔e5)
2) 1. ... ♔b8+; 1. ... ♔d2+? 2. ♔c2
3) 1. ... ♔c3; 1. ... ♕b6/d8? 2. ♔a1
4) 1. ... ♕b3+; 1. ... ♕d5+ ♔e6
5) 1. ... ♔e1+; 1. ... ♕c5+? 2. ♔f2
6) 1. ... ♔a3+; 1. ... ♕g5+? 2. ♔d2+
7) 1. ... ♔e5; 1. ... ♕d5/c5? ♔g3+
8) 1. ... ♔d2; 1. ... ♔e5? ♔b4+
9) 1. ... ♔d1+; 1. ... ♔d5+? 2. ♕g2
10) 1. ... ♔h3+; 1. ... ♕g4+ 2. ♔g3; 1. ... ♔d3 2. ♔e3
11) 1. ... ♔d8+; 1. ... ♔d6+ 2. ♔d3
12) 1. ... ♕b6+; 1. ... ♕g4+? 2. ♔g2 of 2. ♕g3

23 Mini plans / Pawn structure: A
1) 1. c6 bxc6 2. ♗xa6
2) 1. c6 bxc6 2. ♗g5
3) 1. ♗xf5 gxf5 2. ♔h4
4) 1. a6 bxa6 2. ♗xc6
5) Drawing
6) Drawing
7) 1. ♗xf6 1. ... ♗xf6 2. ♔xc5) 1. ... ♕xf6 2. ♔h4
8) Drawing
9) Drawing
10) 1. f6
11) 1. ... c6 2. ♗xc6 ♕xb2
12) 1. ... e5 (to prevent d4)

24 Mini plans / Pawn structure: B
1) 1. f5 (resolving a double pawn)
2) 1. e5 dxe5 2. ♔xe5 (the black c-pawn has lost its defender)
3) 1. ♗xf6 gxf6 2. e3 (gives Black a double pawn; 1. ... ♕xf6 2. ♔xc7 is not possible)
25 Draws / Perpetual check: A

1. \( \text{W}e8+ \text{D}h7 2. \text{Wh}5+ \text{D}g8 3. \text{We}8+
2. \text{Wg}5+ \text{D}h7 2. \text{Wh}5+ \text{D}g7 3. \text{Wg}5+
3. 1. ... \text{Wf}2+ 2. \text{Wh}1 \text{Wf}1+
4. Drawing
5. Drawing

6. 1. \( \text{D}f6+ \text{D}f8 2. \text{D}xh7+ \text{D}g8 3. \text{D}f6+
7. 1. \text{D}xg6+ \text{f}xg6 2. \text{D}xg6+ \text{D}h8 3. \text{We}6+
8. 1. \text{D}f7+ \text{D}g8 2. \text{D}h6+ \text{D}h8 3. \text{D}f7+
9. 1. ... \text{D}d2+ 2. \text{D}b1 \text{D}d1+
10. 1. ... \text{D}e3+ 2. \text{D}g1 \text{D}f5+ 3. \text{D}f1 \text{D}e3+
11. 1. \text{D}h5+ \text{gxh}5 2. \text{Wg}5+ \text{D}h8 3. \text{Wf}6+
12. 1. ... \text{D}g3+ 2. \text{D}h2 \text{D}f1+ 3. \text{D}h1 \text{D}g3+

26 Draws / Stalemate: A

1. \( \text{W}d4+ (1. \text{W}b4+? \text{axb}4) 1. ... \text{D}xd4 stalemate
2. 1. \text{D}c4 \text{D}xb8 stalemate
3. 1. \text{D}c1 \text{D}xc1 stalemate (1. ... \text{D}d3 2. \text{D}xc3+ \text{D}xc3 =)
4. 1. ... \text{D}h8 2. \text{Wxf}7 stalemate
5. 1. \text{We}7+ \text{Wxe}7 stalemate
6. 1. \text{Wg}6+ \text{D}xe6 stalemate
7. 1. \text{Wb}7+ \text{Wxb}7 stalemate
8. 1. \text{Wf}5+ \text{Wxf}5 stalemate (1. ... \text{D}h6 2. \text{Wf}6+ \text{Wxf}6 stalemate)
9. 1. \text{D}h4 \text{Wxf}3 stalemate
10. 1. \text{D}a6! \text{Wxc}6 stalemate
11. 1. \text{D}e2+ \text{Wxe}3 stalemate
12. 1. \text{D}d5+ \text{D}xd5 stalemate

27 Draws / Mix: A

1. 1. ... \text{D}e5+ 2. \text{D}f5 \text{D}xh7
2. 1. \text{D}g3 \text{W}xg3 stalemate
3. 1. \text{D}h7+ \text{D}g8 2. \text{Wg}7+
4. 1. \text{Wb}2+ \text{D}c2 2. \text{Wxa}2
5. 1. \text{D}b2 and 2. \text{D}xc2
6. 1. \text{Wf}4+ \text{Wxf}4 stalemate
7. 1. ... c1\text{D}+ (1. ... c1\text{W}? 2. \text{W}a2#)
8. 1. ... \text{W}e6+ 2. \text{W}xe6 stalemate
9. 1. \text{D}b6 \text{W}e7 2. \text{D}c5 \text{W}d8 3. \text{D}b6
10. 1. \text{Wf}6+ \text{Wxf}6 stalemate; 1. ... \text{Wxf}6 2. \text{Wxb}2
11. 1. \text{D}xg7+ \text{D}xg7 2. \text{Wg}5+ \text{D}h8 3. \text{Wf}6+
12. 1. ... \text{D}g5 2. \text{Wg}3 \text{D}f4 3. \text{W}h4 (3. \text{Wf}3 \text{D}g5) 3. ... \text{D}g5
28 X-ray check or -attack: A
1) 1. ... ♖h5+
2) 1. ... ♕e8
3) 1. ♕e8+ ♖e7 2. ♕xg8
4) 1. ... ♖g5+
5) 1. ... ♖f5
6) 1. ♖g5+
7) 1. ♖d5
8) 1. ♖b4 2. ♖e2 ♖xh4
9) 1. ♖h8+
10) 1. ♖h5+
11) 1. ... ♖b8
12) 1. ♖c5+

29 X-ray check or -attack: B
1) Drawing
2) Drawing
3) 1. ♖d3+ (1. ♖d1+? ♖d2)
4) 1. ... ♕e8 2. ♖xd5 ♕xg4
5) 1. ♖e1+ 2. ♖e2 ♖xh1
6) 1. ♖e3 ♖xf4 2. ♖h3
7) 1. ... ♖h5+
8) 1. ♖h5 ♖e7 2. ♖xd5
9) 1. ♖d6+ ♖f7 2. ♖xh6
10) 1. ♖e7
11) 1. ... ♖a7 2. ♖f3 ♖xd7 (2. ... ♖xd7? 3. ♖ad1)
12) 1. ... ♖a5+ (1. ... ♖c3+? 2. ♖d5 ♖xc8 3. ♖e7+)

30 Test / Mix: E
1) 1. ... ♖xf6+ ♖xf6 2. ♖xh7# (elimination of the defence: capturing+mate)
2) 1. ... ♖f5 (x-ray attack)
3) 1. ♖h1 (1. ♖xc5+ ♖xc5 0-1) 1. ... ♖xf2 stalemate
4) 1. ♖g4 ♖e5 (anders ♖xg6) 2. ♖h4# (elimination of the defence: chasing away+mate)
5) 1. ... ♖d1+ 2. ♖f1 ♖h1#; 2. ♖f1 ♖xg2# (elimination of the defence: luring away+mate)
6) 1. ... ♖a1+ 2. ♖e2 ♖xg1 (x-ray check)
7) 1. ... ♖g6 (defend against a double attack)
8) 1. ♖h4 ♖xh4 2. ♖g7#
9) 1. ... ♖h7 and 2. ... ♖xb7 (draw by insufficient material)
10) 1. ... ♖d8+; 1. ... ♖f4+? 2. ♖e3 (double attack: queen)
11) 1. ♖f3; 1. ... ♖b7? ♖xd7 (double attack: queen)
12) 1. ♖a4+ ♖d5 2. ♖b3+ (perpetual check)

31 Test / Mix: F
1) 1. ... ♖g8 (1. ... ♖f6? 2. ♖d5) (the square of the pawn, prevent shielding off)
2) 1. ♖xc7 ♖xc7 2. ♖e8+ (elimination of the defence: luring away+mate)
3) 1. ♖g6+ ♖h8 2. ♖xh6+ ♖g8 (2. ... ♖h7 3. ♖xf8#) 3. ♖g6+ (perpetual check)
4) 1. ... ♖f1+ 2. ♖g1 ♖h2# (mate in two thanks to double check)
5) 1. ... ♖g7 (defend against a double attack)
6) 1. ♖f4+ ♖xf4 (stalemate)
7) 1. e4 (attack on a pinned piece)
8) 1. ... ♖f8 (pin)
9) 1. ♖xc5+ ♖xc5 2. ♖a6# (elimination of the defence: capturing+mat)
10) 1. ♖xh5 gxh5 2. ♖h7# (mate in two access)
11) 1. ... ♗d2 2. c8♕ ♘c2+ 3. ♗g3 ♙e3+ 4. ♗g2 ♙e2+ (perpetual check)
12) 1. ♙c5+ and 2. ♙xb4; 2. ♙xa7? ♙e1# (double attack: queen)

32 Defend against a pin: A
1) 1. ... c6
2) 1. ... ♗e6 (1. ... ♗c4? 2. ♗f3)
3) 1. ... ♕d7 (1. ... ♙c7 2. ♙xc7)
4) 1. ♗e2
5) Drawing
6) 1. ... ♙xe2
7) 1. ♗d3 (1. ♙fb2 ♙cb7)
8) 1. ♗e2
9) 1. ... ♗xf3+
10) 1. ... ♗e6
11) 1. ♗e2
12) 1. ... ♙xg2+

33 Defend against a pin: B
1) 1. ♗g5+
2) 1. ... ♗xf3 2. ♙xc2 ♗e1+
3) 1. ♙h1
4) 1. ... ♗d3+; 1. ... ♗g4? 2. ♗g3
5) 1. ♗xf7+
6) 1. ... ♙xd1; 1. ... ♙d4? 2. ♙e8+
7) 1. ... ♙f6
8) 1. ... ♙d8
9) 1. ... ♗d3
10) 1. ♗b4
11) 1. ♙h5+ (1. ♙d3+? ♗e4)
12) 1. ... ♙a8

34 Attack on a pinned piece: C
1) 1. ♙f6 (1. ♙e1? ♙f7)
2) 1. ♙c6 (1. ♙g4 ♙e4+)
3) 1. ♗ ♙w5 (1. ♗xa8 ♙a8)
4) 1. ... ♙b7; 1. ... ♙f5+ 2. ♙f4)
5) 1. ♗ ♙b3 (1. ♗ ♙f1? ♙b7)
6) 1. e5 (1. c5? ♙b5)
7) 1. ... ♙f6 (1. ... b5+ 2. ♙ ♙b3)
8) 1. ... ♗ ♙b2 (1. ... b5 2. ♗ ♙a5)
9) 1. ... ♗ ♙c4 (1. ... ♗g4 2. ♗xb5+)
10) 1. ♙ ♙a1 (1. e5 ♙e7)
11) 1. ♗ ♙h5+ (1. ♗ ♙d2? ♙d4)
12) 1. ... ♙ ♙d2 (1. ♙d3? ♗ ♙b4; 1. ♙d1? ♗ ♙xe3; 1. ♙d4? ♗ ♙f4)

35 Trapping: A
1) 1. a4
2) 1. ♗ ♙e3
3) 1. h4
4) 1. ... ♙ ♙h8
5) 1. ... ♗ ♙h4
6) 1. ♗ ♙a4
7) 1. ... e4
8) 1. d2
9) 1. e5
10) 1. ... f6
11) 1. e2
12) 1. ... b8

36 Trapping: B
1) 1. ... a5
2) 1. a4
3) 1. e5 dxe5 2. fxe5
4) 1. g4
5) 1. d2 (1. a5 f1; 1. e5+ d7
6) 1. c3
7) 1. h4
8) 1. ... e4
9) 1. g3 (1. ag1 will not work after 1. ... d5 2. g3 dxe4 and f5 will be available)
10) 1. f4
11) 1. c4
12) 1. ... g6

37 Trapping: C
1) 1. ... c6 2. bxc6 bxc6
2) 1. ... g5 2. hxg5 hxg5 (2. ... xg5)
3) 1. f4 gxf4 2. xf4
4) 1. ... b5 2. cxb5 axb5
5) 1. ... ac4 2. xc4 xc4
6) 1. d5 xd5 2. xd5
7) 1. b5 axb5 2. cxb5
8) 1. eg5 (1. fg5? xe4) 1. ... hxg5 2. xg5
9) 1. ... g5 2. hxg5 fxg5
10) 1. fd4 (1. bd4? xf3+) 1. ... exd4 2. xd4
11) Drawing
12) 1. e4 xe4 2. xe4

38 Pawn endings / Marking the key squares: A
1) a4, b4, c4
2) e4, f4, g4
3) e7, f7, g7
4) b3, c3, d3
5) c6, d6, e6
6) b7, b8, c8, d8, d7
7) f3, g3, h3
8) e2, f2, g2
9) a5, b5, c5
10) Drawing
11) Drawing
12) Drawing

39 Pawn endings / Key squares: A
1) 1. c6 d8 2. b7
2) 1. g6 g8 2. g5 h8 3. f7
3) 1. g5 h7 2. f6
4) 1. d6 e8 2. c7 (2. d5 wins too of course, but less quickly)
5) 1. b6! (1. b6? stalemate) 1... b8 2. a6 a8 3. b6 b8 4. b7
6) 1. c5 c8 2. c6 b8 3. d7
7) 1. e5 e7 2. d5 (or first 2. d4) 2... d7 3. d4
8) 1. e6 (1. e4 f8 2. e5 e8 3. e6) 1... f8 2. e4 e8 3. e5
9) 1. b3 (1. b4 b6 2. b3) 1... b6 2. b4 a6 3. c5
10) 1. e6 g7 2. f5 f8 3. f6
11) 1. g8+ xg8 2. g6
12) 1. d5 e7 2. c6

40 Exploiting pinned pieces: A
1) 1. wxd7#
2) 1. b6#
3) 1. g8#
4) 1... f1#
5) 1. xh7#
6) 1. b6#
7) 1. xf5#
8) 1. f8#
9) 1. xe6#
10) 1. xh7#
11) 1... e1#
12) 1. f7#

41 Exploiting pinned pieces: B
1) 1. f6+
2) 1. c8w (1. xd6+? d7)
3) 1... g3#
4) 1... xe2+
5) 1. xd5
6) 1. xe6+
7) Drawing
8) 1. f8#
9) 1. xe7
10) 1. xe4
11) 1. d8#
12) 1. e7

42 Exploiting pinned pieces: C
1) 1. c6+
2) 1... e2+ (1... xg2? 2. xf4+; 1... xg2 2. b5)
3) 1. exb4
4) 1... g3
5) 1... xb7 (1... g4? 2. b8w)
6) 1. xd7 (1. wxd7? xc2#)
7) 1... xd3
8) 1... f3
9) 1. e6#
10) 1... c3
11) 1. xd5+
12) 1. e6

43 Exploiting pinned pieces: D
1) 1... r2+ 2. h1 xf3+
44 Exploiting pinned pieces: E
1. \( \mathcal{Q} \)xf6+ \( \mathcal{Q} \)h7 2. \( \mathcal{W} \)xg5
2. \( \mathcal{W} \)xf5 \( \mathcal{W} \)xf5 (1. ... \( \mathcal{Q} \)e7 2. \( \mathcal{W} \)f8+; 1. ... \( \mathcal{Q} \)xf5 2. \( \mathcal{W} \)xf6) 2. \( \mathcal{W} \)g7#
3. 1. \( \mathcal{W} \)d6 \( \mathcal{Q} \)g8 2. \( \mathcal{Q} \)xe8
4. 1. \( \mathcal{W} \)xe7+ \( \mathcal{W} \)xe7 2. \( \mathcal{W} \)xd5+
5. 1. ... \( \mathcal{W} \)xf6 2. \( \mathcal{W} \)xf6 (2. \( \mathcal{W} \)xf6 \( \mathcal{W} \)xg2#) 2. ... \( \mathcal{W} \)xg5
6. 1. ... \( \mathcal{Q} \)xa3 2. \( \mathcal{Q} \)e2 \( \mathcal{Q} \)xb2
7. 1. ... \( \mathcal{Q} \)xb3 2. \( \mathcal{W} \)xb6 axb6
8. 1. \( \mathcal{Q} \)xe4 \( \mathcal{W} \)xe4 2. \( \mathcal{W} \)xd6#
9. 1. \( \mathcal{Q} \)xe5 \( \mathcal{W} \)xe5 2. \( \mathcal{W} \)xc6 \( \mathcal{W} \)xe5 3. \( \mathcal{Q} \)xe5
10. 1. \( \mathcal{Q} \)d5 \( \mathcal{Q} \)xe2 (1. ... \( \mathcal{Q} \)xd5 2. \( \mathcal{W} \)xc6 ; exd5 \( \mathcal{R} \)xe7+) 2. \( \mathcal{W} \)xc2
11. 1. ... \( \mathcal{W} \)xc3 2. \( \mathcal{W} \)d6 (2. \( \mathcal{Q} \)xc3 \( \mathcal{Q} \)e1#) 2. ... \( \mathcal{W} \)xc2
12. 1. \( \mathcal{W} \)xd8+ \( \mathcal{W} \)xd8 2. \( \mathcal{W} \)c8#

45 The pin: Unpinning: A
1. 1. ... \( \mathcal{W} \)xb5 2. \( \mathcal{Q} \)d6+ \( \mathcal{W} \)xd6 \( \mathcal{Q} \)xb5
2. 1. ... \( \mathcal{Q} \)xe4 2. \( \mathcal{W} \)xf6+ \( \mathcal{Q} \)xf6 3. \( \mathcal{Q} \)xe4
3. 1. \( \mathcal{W} \)xf5 \( \mathcal{W} \)xg1+ 2. \( \mathcal{W} \)xg1 \( \mathcal{W} \)xf5
4. 1. \( \mathcal{Q} \)xc5 \( \mathcal{Q} \)f6+ 2. \( \mathcal{Q} \)f5 \( \mathcal{Q} \)xc5
5. 1. \( \mathcal{W} \)xe5 \( \mathcal{W} \)xd1+ 2. \( \mathcal{W} \)xd1 \( \mathcal{Q} \)xe5
6. 1. \( \mathcal{Q} \)xf6 \( \mathcal{W} \)e7+ 2. \( \mathcal{Q} \)d2 \( \mathcal{W} \)xf6
7. 1. ... \( \mathcal{W} \)xe5 2. \( \mathcal{W} \)e4+ \( \mathcal{Q} \)h8 3. \( \mathcal{Q} \)xe5
8. 1. ... \( \mathcal{Q} \)xb5 2. \( \mathcal{Q} \)d2 \( \mathcal{W} \)b6 3. axb5
9. 1. a7 \( \mathcal{Q} \)e1+ 2. \( \mathcal{Q} \)h2 \( \mathcal{Q} \)xa7
10. 1. ... \( \mathcal{W} \)xd3 2. \( \mathcal{Q} \)e1+ \( \mathcal{Q} \)f7 3. \( \mathcal{Q} \)xd3
11. 1. \( \mathcal{W} \)xd5 \( \mathcal{W} \)f1+ 2. \( \mathcal{Q} \)xf1 \( \mathcal{W} \)xd5
12. 1. ... \( \mathcal{W} \)f2+ 2. \( \mathcal{Q} \)d1 (2. \( \mathcal{Q} \)e1 \( \mathcal{Q} \)a2) 2. ... \( \mathcal{Q} \)xe3 (2. ... \( \mathcal{Q} \)xe3? 3. \( \mathcal{Q} \)e1)

46 The pin: Unpinning: B
1. 1. \( \mathcal{Q} \)xf6 \( \mathcal{Q} \)g6
2. 1. ... \( \mathcal{Q} \)xg3 2. \( \mathcal{Q} \)e3 \( \mathcal{W} \)e7 3. \( \mathcal{Q} \)xg3
3. 1. \( \mathcal{W} \)xb4 \( \mathcal{Q} \)e6+ (1. ... \( \mathcal{Q} \)xb4 2. \( \mathcal{Q} \)xc8) 2. g4 \( \mathcal{Q} \)xb4
4. 1. ... \( \mathcal{Q} \)c5 2. \( \mathcal{W} \)b4
5. 1. ... \( \mathcal{Q} \)e4 2. 0-0-0+ \( \mathcal{Q} \)e7 3. \( \mathcal{Q} \)xe4
6. 1. ... \( \mathcal{Q} \)a5 2. b4 \( \mathcal{Q} \)xb4 3. \( \mathcal{Q} \)xe5
7. 1. \( \mathcal{Q} \)xe6 \( \mathcal{W} \)f5
8. 1. \( \mathcal{W} \)xg4 (1. \( \mathcal{W} \)xf5 \( \mathcal{W} \)xf5 (1. ... \( \mathcal{Q} \)c5+ 2. \( \mathcal{W} \)xc5)) 1. ... \( \mathcal{Q} \)c5+ 2. \( \mathcal{Q} \)h1 \( \mathcal{Q} \)xf4
9. 1. \( \mathcal{W} \)xc3 \( \mathcal{Q} \)h3+ 2. \( \mathcal{W} \)g1 \( \mathcal{Q} \)xc3
10. 1. \( \mathcal{W} \)xb4 \( \mathcal{Q} \)e2+ 2. \( \mathcal{W} \)f1 \( \mathcal{W} \)xd4
11. 1. ... \( \mathcal{W} \)xe4 2. \( \mathcal{W} \)g5 g6 3. axb4
12. 1. ... \( \mathcal{Q} \)xd4 2. \( \mathcal{Q} \)d2 (2. \( \mathcal{Q} \)d3 \( \mathcal{Q} \)xb2 3. \( \mathcal{W} \)xd7 \( \mathcal{W} \)xd7 4. \( \mathcal{W} \)xd7 \( \mathcal{Q} \)xa1)
47 The pin / Mix: A
1) 1. wce2 (1. wc1? wxf2+)
2) 1. wc5
3) 1. xd3
4) 1. ... xg5
5) 1. ... b3+
6) 1. f4
7) 1. d4
8) 1. ... h4+
9) Drawing
10) 1. g3
11) 1. b7
12) 1. e6

48 Defending against a threat: A
1) [d7] 1. ... d4 2. f1 xc1 (2. ... d1+? 3. e2 xc1 4. d7)
2) [xe2] 1. ... b2 (1. ... d2 2. e1)
3) [b2 and g4#] 1. g2 (1. b7 b2)
4) [d1] 1. ... e8
5) [xc1+ and e1#] 1. d7 xc1+ 2. xc1 e1+ 3. d1
6) [f6] 1. ... d6
7) 1. f1 (1. h2 g4+ 2. hxg4 wh4#)
8) [c3] 1. ... e5
9) [d1+1] 1. d7+ f8 2. a4 b5 3. b3 (3. c2? d3)
10) [d2; a3? d6] 1. ... d7
11) [d8+] 1. ... d2 (1. ... b5 2. f1; 1. ... f8 2. d8)
12) [f6] 1. ... b4 2. f6 h4

49 Defending against a threat: B
1) 1. d3 xc1+ 2. xc1+ xc1 3. f1
2) 1. ... g5 2. xg5 f7
3) [g6+ and h1#] 1. ... g6 (1. ... c5 2. g6+ hxg6 3. h1#)
4) [h2#] 1. ... d2+ 2. xd2 h4
5) [g8+] 1. ... d7 (1. ... fxg5 2. d4+; 1. ... xb2 2. g8+ xg8 3. f7#)
6) [xb7] 1. ... a4 (1. ... xc7 2. xc7 a4 3. f3 0-0) 2. xa4 xc7
7) [xe6+ and xg7#] 1. ... f6 (1. ... a7 2. xe6+ xe6 3. xg7#)
8) 1. ... h5 (1. ... xh3 2. xh4+; 1. ... d7 2. xh4+)
9) [g7+ and g6#] 1. ... g5 (1. ... c3 2. g7+ xg7 3. g6#)
10) 1. ... c6 (1. ... xe4 2. xh8+ xh8 3. e8#)
11) 1. ... f4 2. c2 b8
12) [h2#] 1. ... d5 2. cx5 xd5

50 Defending against a threat: C
1) [hxg5] 1. ... d2 (1. ... h4 g5 2. xg5 hxg5 3. xg5; 1. g4 hxg5) 1. ... c7 2. f4
2) 1. e1 (1. ... xe4? xe4) 1. ... xe4 2. xe4 d1+ 3. f1
3) 1. xf3 (1. xf3? c3+)
4) 1. c6 xc6 2. c4+
5) [f6] 1. ... f5 (1. ... xc1? 2. f6) 2. f2 bd4
6) 1. ... a4 2. xe8+ xe8
7) 1. e4 (1. e3? xe4 2. g3+ f8)
8) [xd7] 1. ... axb5 2. a8+ c7
9) 1. ... c7 (1. ... g7? 2. xe6 xe6 3. f7#)
10) 1. ... h3 (1. ... xe4 2. xf8+ xf8 3. c8#)
51 Defending against a threat: D  
1. ... £g3 2. £xh5 (2. £b1 £f4) 2. ... £f4  
2.  £b3 £c5 2. £g2  
3. (£b4#) 1. a3 (1. £c4 £a3+ 2. £a4 £c3+)  
4. (£g6) 1. £f8 (1. b7? £g6 2. £f8+ £f7; 1. £g8 £xb6 2. £f8 £h6)  
5. (£f2) 1. ... f5 (1. ... £f7 2. £f2) 2. £f2 £f4  
6.  £d2 (1. £xe4 £a2+; 1. £c3 £d5 2. £c1)  
7. (£b1) 1. ... e5 2. £b1 £c4  
8. (£e7) 1. £a1 (1. £f1 £e7) 1. ... £xb4 2. £xb4 £xb4 3. £a8+ 
9. 1. ... a6 (1. ... b5? 2. a6 b4 3. b3 (3. £c2); 1. ... b6 2. a6 b5 3. £c2) 2. £c2 b6 (2. ... b5)  
10. 1. £f1 (1. £d2? £e4 2. £xe5 £xe5) 1. ... £d3 (1. ... £e4 2. £xe4 £xg1 3. £d6) 2. exd3  
11. 1. ... £e5 (1. ... £d7 2. £a4; 1. ... £e6 2. £c2) 2. £c2 £d4+  
12. 1. £f6 £xf6 2. £e8+ £g7 3. exf6+  

52 Pawn endings / Key squares: B  
1. 1. ... £c7! 2. £d5 £d7 ½-½  
2. 1. ... £d8! 2. £c6 £c8 ½-½  
3. 1. £c3! £b5 2. £d4  
4. 1. e4 £f7 2. £d6  
5. 1. £e4! £f6 2. £f4 £g6 3. £g4  
6. 1. £e4! £d6 2. £d4  
7. 1. ... £b7! 2. £a4 £a6 ½-½  
8. 1. ... £c7! ½-½ (1. ... £c8? 2. £c6)  
9. 1. ... £d8 2. £d5 £d7 ½-½  
10. 1. £h4 £f6 2. £h5 £g7 3. £g5  
11. 1. £c3 (1. £e3? £e7 ½-½) 1. ... £e6 2. £c4 £d6 3. £d4  
12. 1. ... £f6 2. £e4 £e6 3. £d4 £d6 4. £c4 £c6 ½-½  

53 Pawn endings / Key squares: C  
1. exd4 (1. £d4? £d6 ½-½)  
2. Drawing  
3. 1. ... £b8 ½-½  
4. 1. ... d3 2. exd3 £b6 ½-½  
5. 1. ... £c5 ½-½  
6. 1. £f4  
7. 1. ... d4 2. exd4 £f8 ½-½  
8. 1. £d6!  
9. 1. g5 £e7 2. £e5  
10. 1. ... f5 2. £e5 £f8; 1. ... £e8 2. f5 £d7! / 2. £e6 f5 ½-½  
11. 1. ... h5 2. £g5 h4 3. £xh4 £h6 ½-½  
12. 1. ... £e6 ½-½  

54 Test / Mix: G  
1. 1. ... £b6 (defend against a pin)  
2. 1. ... £f3 2. £e1 £g2 (key squares)  
3. 1. £g5 (trapping)  
4. 1. £d4 (double attack: queen)  
5. 1. £g4 2. £xd8 £f2# (defend against a pin)  
6. 1. £h2 (1. £f4 d2; 1. £d2 stalemate)  
7. 1. £xh4 2. £xd7? £xg2# (defend against a pin)
8) 1. b8\(\text{\texttt{\#}}\) + \(\text{\texttt{x}}\) b8 2. b6; 2. b6? \(\text{\texttt{\#}}\) c8 3. b7+ \(\text{\texttt{\#}}\) b8 (key squares)

9) 1. ... g5 and 2. ... \(\text{\texttt{\#}}\) g6 (trapping)

10) 1. \(\text{\texttt{\#}}\) a1 (defend against a pin) 1. ... fxe4 2. \(\text{\texttt{\#}}\) a7+

11) 1. \(\text{\texttt{\#}}\) e7+ \(\text{\texttt{\#}}\) h8 2. \(\text{\texttt{\#}}\) g6+

12) 1. \(\text{\texttt{\#}}\) d5

55 Test / Mix: H

1) 1. \(\text{\texttt{\#}}\) h2+ \(\text{\texttt{\#}}\) h2 2. \(\text{\texttt{\#}}\) h4# (elimination of the defence: luring away)

2) 1. ... \(\text{\texttt{\#}}\) d3 2. \(\text{\texttt{\#}}\) b2 c4 3. \(\text{\texttt{\#}}\) c1 \(\text{\texttt{\#}}\) c3 (the square of the pawn, helping and key squares)

3) 1. \(\text{\texttt{\#}}\) g5+ (1. \(\text{\texttt{\#}}\) f6+? \(\text{\texttt{\#}}\) xf6) (discovered attack)

4) 1. ... g4 (trapping)

5) 1. \(\text{\texttt{\#}}\) xg7+ \(\text{\texttt{\#}}\) xg7 2. \(\text{\texttt{\#}}\) g5# (luring and double check)

6) 1. \(\text{\texttt{\#}}\) xh6+ \(\text{\texttt{\#}}\) xh6 2. \(\text{\texttt{\#}}\) h7# (mate in two by access)

7) 1. \(\text{\texttt{\#}}\) xh7+ (mate in two by access)

8) 1. ... \(\text{\texttt{\#}}\) h1+ 2. \(\text{\texttt{\#}}\) xh1 \(\text{\texttt{\#}}\) xh1# (elimination of the defence: luring away)

9) 1. \(\text{\texttt{\#}}\) e4+ of 1. \(\text{\texttt{\#}}\) c6+ of 1. \(\text{\texttt{\#}}\) g2+ (perpetual check)

10) 1. \(\text{\texttt{\#}}\) f4 (x-ray attack)

11) 1. \(\text{\texttt{\#}}\) c8+ \(\text{\texttt{\#}}\) a8 2. \(\text{\texttt{\#}}\) b6+ (perpetual check)

12) 1. ... \(\text{\texttt{\#}}\) c4 (the square of the pawn, shielding off)

56 Test / Mix: I

1) 1. \(\text{\texttt{\#}}\) xd6+ \(\text{\texttt{\#}}\) e8 (1. ... \(\text{\texttt{\#}}\) xd6 2. \(\text{\texttt{\#}}\) f4#) 2. \(\text{\texttt{\#}}\) g6# (mate in two door double check)

2) 1. \(\text{\texttt{\#}}\) g4+ \(\text{\texttt{\#}}\) e8 2. \(\text{\texttt{\#}}\) xc8 (x-ray check)

3) 1. \(\text{\texttt{\#}}\) d2 (defend against a double attack)

4) 1. \(\text{\texttt{\#}}\) d5 (1. \(\text{\texttt{\#}}\) d3 \(\text{\texttt{\#}}\) c6) (attack on a pinned piece)

5) Drawing

6) 1. \(\text{\texttt{\#}}\) d5+ \(\text{\texttt{\#}}\) f7 2. \(\text{\texttt{\#}}\) xc8 (discovered attack)

7) 1. ... \(\text{\texttt{\#}}\) g8 2. \(\text{\texttt{\#}}\) xg5 (2. e6 \(\text{\texttt{\#}}\) f8) 2. ... \(\text{\texttt{\#}}\) f7 (2. ... \(\text{\texttt{\#}}\) g7+ 3. e6 \(\text{\texttt{\#}}\) g8 4. \(\text{\texttt{\#}}\) g6 \(\text{\texttt{\#}}\) f8 5. \(\text{\texttt{\#}}\) f6 \(\text{\texttt{\#}}\) e8 6. e7) (the square of the pawn)

8) 1. \(\text{\texttt{\#}}\) e5 (1. g3? \(\text{\texttt{\#}}\) xh3+ 2. \(\text{\texttt{\#}}\) g2 \(\text{\texttt{\#}}\) g5) 1. ... \(\text{\texttt{\#}}\) g6 2. \(\text{\texttt{\#}}\) xh6# (attack on a pinned piece)

9) 1. \(\text{\texttt{\#}}\) xg4+ \(\text{\texttt{\#}}\) xg4 (1. ... fxe4 2. \(\text{\texttt{\#}}\) h1#) 2. \(\text{\texttt{\#}}\) e2# (mate in two by access)

10) 1. ... \(\text{\texttt{\#}}\) f8 (trapping)

11) 1. ... \(\text{\texttt{\#}}\) g3+ 2. \(\text{\texttt{\#}}\) g1 \(\text{\texttt{\#}}\) e8 (discovered check and mat)

12) 1. \(\text{\texttt{\#}}\) xe6 \(\text{\texttt{\#}}\) xc3 (1. ... fxe6 2. \(\text{\texttt{\#}}\) xc8+) 2. \(\text{\texttt{\#}}\) a8+ (discovered attack)