

■ p.9 ■

(31) 12 (1) -2 (2) -4 (3) 8 (4) -4
 (5) -3 (6) -14

(32) 13 (1) 73 (2) -147 (3) -95 (4) -110
 (5) 16 (6) -91

(33) 14 (1) -3.61 (2) -6.76 (3) -17.02
 (4) 9.34

(34) 15 (1) $\left(-\frac{8}{5}\right) + \frac{3}{4} - \frac{2}{3} - \left(-\frac{3}{2}\right)$
 $= -\frac{96}{60} + \frac{45}{60} - \frac{40}{60} + \frac{90}{60}$
 $= \left(\frac{45}{60} + \frac{90}{60}\right) - \left(\frac{96}{60} + \frac{40}{60}\right)$
 $= \frac{135}{60} - \frac{136}{60} = -\frac{1}{60}$

(2) $\frac{3}{4} - \frac{3}{7} + \frac{1}{3} - \frac{5}{6} = \frac{63}{84} - \frac{36}{84} + \frac{28}{84} - \frac{70}{84}$
 $= \left(\frac{63}{84} + \frac{28}{84}\right) - \left(\frac{36}{84} + \frac{70}{84}\right)$
 $= \frac{91}{84} - \frac{106}{84} = -\frac{15}{84} = -\frac{5}{28}$

(3) $\frac{1}{4} - \frac{2}{3} + \frac{3}{8} + \left(-\frac{1}{2}\right)$
 $= \frac{6}{24} - \frac{16}{24} + \frac{9}{24} - \frac{12}{24}$
 $= \left(\frac{6}{24} + \frac{9}{24}\right) - \left(\frac{16}{24} + \frac{12}{24}\right)$
 $= \frac{15}{24} - \frac{28}{24} = -\frac{13}{24}$

(4) $\frac{5}{6} - \frac{4}{5} + \frac{3}{4} - \frac{2}{3} + \frac{1}{2} - 1$
 $= \frac{50}{60} - \frac{48}{60} + \frac{45}{60} - \frac{40}{60} + \frac{30}{60} - \frac{60}{60}$
 $= \left(\frac{50}{60} + \frac{45}{60} + \frac{30}{60}\right) - \left(\frac{48}{60} + \frac{40}{60} + \frac{60}{60}\right)$
 $= \frac{125}{60} - \frac{148}{60} = -\frac{23}{60}$