

(1) a) $\frac{36}{x} = 9$

c) $\frac{45}{x} = 9$

b) $\frac{56}{x} = 8$

d) $\frac{64}{x} = 4$

(2) a) $\frac{12}{x} + \frac{3}{2} = 3$

c) $\frac{19}{12} + \frac{5}{x} = 2$

b) $\frac{11}{x} - \frac{3}{4} = 2$

d) $\frac{11}{3x} - \frac{2}{9} = 1$

(3) a) $\frac{9}{2x} + \frac{15}{12} = 2$

c) $\frac{22}{x} - \frac{3}{2} = 4$

b) $\frac{7}{2x} + \frac{11}{18} = 1$

d) $\frac{13}{4} - \frac{1}{x} = \frac{3}{x} + \frac{5}{4}$

(4) a) $\frac{2}{3x} + \frac{1}{4} = \frac{11}{12}$

c) $\frac{15}{3x} + \frac{1}{6} = \frac{13}{2x} - \frac{1}{12}$

b) $\frac{26}{x} - \frac{13}{2} = 0$

d) $\frac{x-2}{x} - \frac{5}{2} = -\frac{7}{4}$

(5) a) $\frac{x-1}{2} : \frac{x-2}{2} = \frac{1}{7} : \frac{3}{7}$

c) $\frac{4}{2x-3} + \frac{5}{4x+1} = \frac{1}{2} : \frac{2}{5}$

b) $\frac{x+3}{4} : \frac{3}{4} = 1 : 1$

d) $\frac{5 \cdot (x-3)}{x+7} : 2 = 0.5 : 0.6$