

Examples

Workout



Click here



Scan here

Question 1: Solve each equation below

(a) $\frac{x}{7} = \frac{3}{2}$

(b) $\frac{a}{6} = \frac{3}{10}$

(c) $\frac{c}{20} = \frac{7}{8}$

(d) $\frac{w}{13} = \frac{3}{4}$

(e) $\frac{7}{10} = \frac{c}{8}$

(f) $\frac{4}{5} = \frac{d}{9}$

(g) $\frac{2}{11} = \frac{5}{h}$

(h) $\frac{14}{p} = \frac{3}{20}$

(i) $\frac{2a}{5} = \frac{3}{2}$

(j) $\frac{5x}{11} = \frac{9}{2}$

(k) $\frac{4a}{9} = \frac{6}{5}$

(l) $\frac{7}{4} = \frac{2y}{3}$

(m) $\frac{25}{4y} = \frac{1}{10}$

(n) $\frac{35}{8} = \frac{5w}{12}$

(o) $\frac{10}{17} = \frac{9}{10w}$

(p) $\frac{1}{3y} = \frac{2}{5}$

Question 2: Solve the following equations

(a) $\frac{x+1}{5} = \frac{3}{2}$

(b) $\frac{x+3}{4} = \frac{2}{3}$

(c) $\frac{2x+1}{5} = \frac{7}{2}$

(d) $\frac{3x-1}{5} = \frac{x+11}{2}$

(e) $\frac{x+3}{4} = \frac{2x-1}{7}$

(f) $\frac{3x-4}{3} = \frac{2x-1}{4}$

(g) $\frac{2}{3x-5} = \frac{1}{x+8}$

(h) $\frac{x+2}{2x+3} = \frac{1}{5}$

(i) $\frac{9}{4} = \frac{2x+1}{x-1}$

Question 3: Solve the following equations

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

(b) $\frac{x+1}{3} = \frac{1}{x-1}$

(c) $\frac{4}{x+5} = \frac{x-2}{2}$

(d) $\frac{x-3}{2} = \frac{2}{2x+1}$

(e) $\frac{5}{2x+3} = \frac{3x+1}{2}$

(f) $\frac{2}{7x-1} = \frac{x+3}{12}$

Answers



Click here



Scan here