

One-Step Equations: Fractions

Mul/Div Level 2: S1

Solve each equation.

1) $\frac{8}{9}z = \frac{2}{3}$

2) $\frac{4}{5} = \frac{x}{\left(-\frac{5}{2}\right)}$

3) $\frac{v}{\left(3\frac{1}{5}\right)} = -\frac{7}{4}$

4) $-\frac{6}{7} = \frac{9}{7}t$

5) $-\frac{5}{7} = 1\frac{2}{5}r$

6) $\frac{p}{\left(2\frac{1}{3}\right)} = 6\frac{1}{2}$

7) $-\frac{4}{3} = \frac{m}{\left(-\frac{7}{6}\right)}$

8) $-8\frac{3}{4}g = \frac{7}{5}$

9) $6\frac{2}{5} = \frac{4}{5}c$

10) $\frac{3}{8} = \frac{a}{\left(\frac{2}{9}\right)}$

Answer Key**One-Step Equations: Fractions**

Mul/Div Level 2: S1

Solve each equation.

1) $\frac{8}{9}z = \frac{2}{3}$

$z = \frac{3}{4}$

2) $\frac{4}{5} = \frac{x}{\left(-\frac{5}{2}\right)}$

$x = -2$

3) $\frac{v}{\left(3\frac{1}{5}\right)} = -\frac{7}{4}$

$v = -\frac{28}{5}$ or $-5\frac{3}{5}$

4) $-\frac{6}{7} = \frac{9}{7}t$

$t = -\frac{2}{3}$

5) $-\frac{5}{7} = 1\frac{2}{5}r$

$r = -\frac{25}{49}$

6) $\frac{p}{\left(2\frac{1}{3}\right)} = 6\frac{1}{2}$

$p = \frac{91}{6}$ or $15\frac{1}{6}$

7) $-\frac{4}{3} = \frac{m}{\left(-\frac{7}{6}\right)}$

$m = \frac{14}{9}$ or $1\frac{5}{9}$

8) $-8\frac{3}{4}g = \frac{7}{5}$

$g = -\frac{4}{25}$

9) $6\frac{2}{5} = \frac{4}{5}c$

$c = 8$

10) $\frac{3}{8} = \frac{a}{\left(\frac{2}{9}\right)}$

$a = \frac{1}{12}$