

Name : _____

One-Step Equations: Fractions

Mul/Div Level 1: S2

Solve each equation.

1) $\frac{b}{\left(\frac{5}{2}\right)} = -\frac{8}{5}$

2) $\frac{1}{6} = -\frac{5}{6}d$

3) $\frac{2}{7}t = \frac{3}{2}$

5) $-\frac{4}{5} = \frac{m}{\left(-\frac{1}{8}\right)}$

7) $\frac{8}{7} = \frac{6}{7}q$

9) $\frac{2}{3} = \frac{h}{\left(-\frac{4}{3}\right)}$

10) $-\frac{1}{6}y = -\frac{8}{9}$

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Answer Key

One-Step Equations: Fractions

Mul/Div Level 1: S2

Solve each equation.

1) $\frac{b}{\left(\frac{5}{2}\right)} = -\frac{8}{5}$

$b = -4$

2) $\frac{1}{6} = -\frac{5}{6}d$

$d = -\frac{1}{5}$

3) $\frac{2}{7}t = \frac{3}{2}$

$t = \frac{21}{4}$ or $5\frac{3}{4}$

5) $-\frac{4}{5} = \frac{m}{\left(-\frac{1}{8}\right)}$

$m = \frac{1}{10}$

7) $\frac{8}{7} = \frac{6}{7}q$

$q = \frac{4}{3}$ or $1\frac{1}{3}$

9) $\frac{2}{3} = \frac{h}{\left(-\frac{4}{3}\right)}$

$h = -\frac{8}{9}$

10) $-\frac{1}{6}y = -\frac{8}{9}$

$y = \frac{16}{3}$ or $5\frac{1}{3}$

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$-1\frac{3}{4}$

$c = \frac{56}{25}$ or $2\frac{6}{25}$