

Name : _____

One-Step Equations: Fractions

Mul/Div Level 2: S3

Solve each equation.

1) $-9\frac{1}{3} = -3\frac{5}{9}m$

2) $-\frac{7}{6} = \frac{1}{4}v$

3) $\frac{3}{2} = \frac{y}{\left(\frac{9}{5}\right)}$

5) $\frac{1}{5} = \frac{3}{5}g$

7) $5\frac{5}{6}z = \frac{7}{3}$

9) $-8\frac{2}{5} = \frac{k}{\left(2\frac{2}{9}\right)}$

10) $\frac{w}{\left(2\frac{1}{3}\right)} = \frac{3}{7}$

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Answer Key

One-Step Equations: Fractions

Mul/Div Level 2: S3

Solve each equation.

1) $-9\frac{1}{3} = -3\frac{5}{9}m$

$m = \frac{21}{8}$ or $2\frac{5}{8}$

2) $-\frac{7}{6} = \frac{1}{4}v$

$v = -\frac{14}{3}$ or $-4\frac{2}{3}$

3) $\frac{3}{2} = \frac{y}{\left(\frac{9}{5}\right)}$

$y = \frac{27}{10}$ or $2\frac{7}{10}$

5) $\frac{1}{5} = \frac{3}{5}g$

$g = \frac{1}{3}$

7) $5\frac{5}{6}z = \frac{7}{3}$

$z = \frac{2}{5}$

9) $-8\frac{2}{5} = \frac{k}{\left(2\frac{2}{9}\right)}$

$k = -\frac{56}{3}$ or $-18\frac{2}{3}$

10) $\frac{w}{\left(2\frac{1}{3}\right)} = \frac{3}{7}$

$w = 1$

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