

Name : _____

One-Step Equations: Fractions

Mul/Div Level 1: S5

Solve each equation.

1) $-\frac{1}{4} = -\frac{1}{3}z$

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

3) $\frac{y}{\left(\frac{5}{4}\right)} = \frac{7}{4}$

5) $-\frac{8}{7} = \frac{x}{\left(\frac{7}{4}\right)}$

7) $\frac{1}{2}g = -\frac{9}{8}$

9) $\frac{6}{5}k = -\frac{5}{9}$

10) $\frac{5}{7} = \frac{5}{3}q$

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Answer Key

One-Step Equations: Fractions

Mul/Div Level 1: S5

Solve each equation.

1) $-\frac{1}{4} = -\frac{1}{3}z$

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

2) $\frac{6}{7} = \frac{m}{(-\frac{6}{7})}$

$m = -\frac{36}{49}$

3) $\frac{y}{(\frac{5}{4})} = \frac{7}{4}$

$y = \frac{35}{16}$ or 2.

5) $-\frac{8}{7} = \frac{x}{(\frac{7}{4})}$

$x = -2$

7) $\frac{1}{2}g = -\frac{9}{8}$

$g = -\frac{9}{4}$ or $-2\frac{1}{4}$

9) $\frac{6}{5}k = -\frac{5}{9}$

$k = -\frac{25}{54}$

10) $\frac{5}{7} = \frac{5}{3}q$

$q = \frac{3}{7}$

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