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One-Step Equations: Fractions

Mul/Div Level 2: S2

Solve each equation.

1) $\frac{7}{8} = \frac{b}{\left(-\frac{1}{7}\right)}$

2) $\frac{6}{5} = \frac{3}{2}y$

3) $4\frac{3}{4} = \frac{9}{4}k$

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

7) $-7\frac{2}{3}w = 4\frac{3}{5}$

9) $-\frac{7}{8} = \frac{h}{\left(-\frac{4}{9}\right)}$

10) $\frac{1}{7}q = -\frac{8}{5}$

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Answer Key

One-Step Equations: Fractions

Mul/Div Level 2: S2

Solve each equation.

1) $\frac{7}{8} = \frac{b}{\left(-\frac{1}{7}\right)}$

$b = -\frac{1}{8}$

2) $\frac{6}{5} = \frac{3}{2}y$

$y = \frac{4}{5}$

3) $4\frac{3}{4} = \frac{9}{4}k$

$k = \frac{19}{9}$ or $2\frac{1}{9}$

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

$s = -4$

7) $-7\frac{2}{3}w = 4\frac{3}{5}$

$w = -\frac{3}{5}$

$u = -\frac{29}{4}$ or $-7\frac{1}{4}$

9) $-\frac{7}{8} = \frac{h}{\left(-\frac{4}{9}\right)}$

$h = \frac{7}{18}$

10) $\frac{1}{7}q = -\frac{8}{5}$

$q = -\frac{56}{5}$ or $-11\frac{1}{5}$

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