

Name : _____

One-Step Equations: Fractions

Mul/Div Level 1: S1

Solve each equation.

1) $\frac{3}{4}a = \frac{1}{4}$

2) $\frac{7}{2} = \frac{c}{\left(\frac{8}{7}\right)}$

3) $\frac{6}{5} = \frac{h}{\left(\frac{3}{8}\right)}$

4) $-\frac{2}{9} = -\frac{3}{2}m$

5) $\frac{7}{6} = -\frac{7}{3}p$

6) $\frac{x}{\left(\frac{1}{7}\right)} = -\frac{4}{7}$

7) $\frac{n}{\left(\frac{4}{9}\right)} = \frac{10}{9}$

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

9) $\frac{7}{4} = \frac{1}{8}s$

10) $-\frac{9}{5} = \frac{t}{\left(-\frac{2}{3}\right)}$

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Answer Key

One-Step Equations: Fractions

Mul/Div Level 1: S1

Solve each equation.

1) $\frac{3}{4}a = \frac{1}{4}$

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

2) $\frac{7}{2} = \frac{c}{\left(\frac{8}{7}\right)}$

$c = 4$

3) $\frac{6}{5} = \frac{h}{\left(-\frac{3}{8}\right)}$

$h = -\frac{9}{20}$

4) $-\frac{2}{9} = -\frac{3}{2}m$

$m = \frac{4}{27}$

5) $\frac{7}{6} = -\frac{7}{3}p$

$p = -\frac{1}{2}$

6) $\frac{x}{\left(\frac{1}{7}\right)} = -\frac{4}{7}$

$x = -\frac{4}{49}$

7) $\frac{n}{\left(-\frac{4}{9}\right)} = \frac{10}{9}$

$n = -\frac{40}{81}$

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

$g = -\frac{8}{5}$ or $-1\frac{3}{5}$

9) $\frac{7}{4} = \frac{1}{8}s$

$s = 14$

10) $-\frac{9}{5} = \frac{t}{\left(-\frac{2}{3}\right)}$

$t = \frac{6}{5}$ or $1\frac{1}{5}$