

Name : \_\_\_\_\_

## One-Step Equations: Fractions

Mul/Div Level 2: S5

Solve each equation.

1)  $-10\frac{1}{4} = \frac{1}{2}x$

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

3)  $-\frac{9}{5} = \frac{p}{7}$

5)  $-3\frac{2}{5} = \frac{m}{\left(1\frac{1}{9}\right)}$

7)  $\frac{g}{\left(-\frac{7}{6}\right)} = -3\frac{1}{3}$

9)  $\frac{9}{8} = \frac{1}{4}d$

10)  $\frac{c}{\left(3\frac{1}{2}\right)} = \frac{4}{9}$

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## Answer Key

### One-Step Equations: Fractions

Mul/Div Level 2: S5

Solve each equation.

1)  $-10\frac{1}{4} = \frac{1}{2}x$

$x = -\frac{41}{2}$  or  $-20\frac{1}{2}$

2)  $\frac{4}{9} = \frac{t}{(\frac{2}{3})}$

$t = \frac{8}{27}$

3)  $-\frac{9}{5} = \frac{p}{7}$

$p = -\frac{63}{5}$  or  $-12\frac{3}{5}$

5)  $-3\frac{2}{5} = \frac{m}{(1\frac{1}{9})}$

$m = -\frac{34}{9}$  or  $-3\frac{8}{9}$

7)  $\frac{g}{(-\frac{7}{6})} = -3\frac{1}{3}$

$g = \frac{35}{9}$  or  $3\frac{8}{9}$

9)  $\frac{9}{8} = \frac{1}{4}d$

$d = \frac{36}{8}$  or  $\frac{9}{2}$  or  $4\frac{1}{2}$

10)  $\frac{c}{(3\frac{1}{2})} = \frac{4}{9}$

$c = \frac{14}{9}$  or  $1\frac{5}{9}$

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