

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

## One-Step Equations: Fractions

Mul/Div Level 2: S4

Solve each equation.

1)  $\frac{2}{3} = \frac{v}{\left(-\frac{4}{7}\right)}$

2)  $\frac{1}{6}z = \frac{1}{3}$

3)  $\frac{x}{\left(2\frac{2}{3}\right)} = -\frac{8}{5}$

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

7)  $-\frac{8}{9} = \frac{q}{\left(-\frac{6}{5}\right)}$

9)  $\frac{1}{7} = 1\frac{2}{5}a$

10)  $-2\frac{1}{2} = \frac{1}{3}t$

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## Answer Key

### One-Step Equations: Fractions

Mul/Div Level 2: S4

Solve each equation.

1)  $\frac{2}{3} = \frac{v}{\left(-\frac{4}{7}\right)}$

$v = -\frac{8}{21}$

2)  $\frac{1}{6}z = \frac{1}{3}$

$z = 2$

3)  $\frac{x}{\left(2\frac{2}{3}\right)} = -\frac{8}{5}$

$x = -\frac{64}{15}$  or  $-\frac{4\frac{2}{3}}{1}$

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

$c = \frac{3}{5}$

7)  $-\frac{8}{9} = \frac{q}{\left(-\frac{6}{5}\right)}$

$q = \frac{16}{15}$  or  $1\frac{1}{15}$

$n = -\frac{45}{4}$  or  $-11\frac{1}{4}$

9)  $\frac{1}{7} = 1\frac{2}{5}a$

$a = \frac{5}{49}$

10)  $-2\frac{1}{2} = \frac{1}{3}t$

$t = -\frac{15}{2}$  or  $-7\frac{1}{2}$

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$1\frac{1}{2}$