One Step Equation - Mul/Div

Example 1: Solve

$$1.2y = -7.5$$

$$1.2y \div 1.2 = -7.5 \div 1.2$$

y = −6.25

Example 2: Solve

$$\frac{t}{\left(\frac{5}{2}\right)} = \frac{4}{15}$$

$$\frac{t}{\left(\frac{5}{2}\right)} \times \frac{5}{2} = \frac{4}{15} \times \frac{5}{2} \Rightarrow \textbf{t} = \frac{\textbf{2}}{\textbf{3}}$$

Solve each equation.

1) $\dfrac{2}{5}h = 6$

2) $1.3x = -13$

3) $\dfrac{k}{\left(-\frac{6}{7}\right)} = -\dfrac{7}{6}$

4) $\dfrac{u}{0.5} = 1.5$

5) $-4m = 8.4$

6) $\dfrac{z}{\left(-\frac{3}{4}\right)} = \dfrac{8}{9}$

7) $\dfrac{b}{-7.2} = \dfrac{1}{-3.6}$

8) $7n = -\dfrac{1}{2}$

One Step Equation - Mul/Div

Answer key

Example 1: Solve

$$1.2y = -7.5$$

$$1.2y \div 1.2 = -7.5 \div 1.2$$

y = −6.25

Example 2: Solve

$$\frac{t}{\left(\frac{5}{2}\right)} = \frac{4}{15}$$

$$\frac{t}{\left(\frac{5}{2}\right)} \times \frac{5}{2} = \frac{4}{15} \times \frac{5}{2} \Rightarrow \mathbf{t = \frac{2}{3}}$$

Solve each equation.

1) $\frac{2}{5}h = 6$

h = 15

2) $1.3x = -13$

x = −10

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

k = 1

4) $\frac{u}{0.5} = 1.5$

u = 0.75

5) $-4m = 8.4$

m = −2.1

6) $\frac{z}{\left(-\frac{3}{4}\right)} = \frac{8}{9}$

$\mathbf{z = -\frac{2}{3}}$

7) $\frac{b}{-7.2} = \frac{1}{-3.6}$

b = 2

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

$\mathbf{n = -\frac{1}{14}}$