

# Proportions

Solve each proportion.

$$\frac{3}{7} = \frac{x}{49}$$

$$3 \cdot 49 = 7x$$

$$\frac{147}{7} = \frac{7x}{7}$$

$$21 = x$$

1.  $\frac{8}{6} = \frac{m}{27}$

9.  $\frac{18}{15} = \frac{6}{x}$

2.  $\frac{z}{3} = \frac{8}{15}$

10.  $\frac{121}{x} = \frac{220}{100}$

3.  $\frac{16}{40} = \frac{24}{c}$

11.  $\frac{1.6}{x} = \frac{14}{21}$

4.  $\frac{9}{p} = \frac{5}{2}$

12.  $\frac{x}{168} = \frac{66\frac{2}{3}}{100}$

5.  $\frac{1.8}{x} = \frac{3.6}{2.4}$

13.  $\frac{x}{32} = \frac{37\frac{1}{2}}{100}$

6.  $\frac{4}{5} = \frac{0.8}{y}$

14.  $\frac{16}{48} = \frac{x}{100}$

7.  $\frac{x}{2} = \frac{15}{5}$

15.  $\frac{0.12}{.25} = \frac{x}{100}$

8.  $\frac{18}{12} = \frac{24}{x}$

16.  $\frac{1.5}{x} = \frac{0.07}{0.14}$