

Proportions

HW

RATIO AND PROPORTION

Proportion: An equation that sets two ratios equal to each other.

$$\frac{a}{4} = \frac{1}{2}$$

$$\frac{2}{4} = \frac{1}{2}$$

Solve.

1 $\frac{a}{5} = \frac{8}{10}$

2 $\frac{1}{3} = \frac{4}{d}$

3 $\frac{2}{10} = \frac{c}{5}$

4 $\frac{24}{80} = \frac{x}{60}$

5 $\frac{1}{b} = \frac{4}{16}$

6 $\frac{50}{100} = \frac{10}{d}$

7 $\frac{3}{b} = \frac{6}{16}$

8 $\frac{a}{9} = \frac{2}{6}$

9 $\frac{a}{5} = \frac{8}{10}$

10 $\frac{6}{24} = \frac{2}{d}$

11 $\frac{20}{x} = \frac{16}{36}$

12 $\frac{10}{16} = \frac{x}{56}$

13 $\frac{33}{99} = \frac{21}{x}$

14 $\frac{48}{80} = \frac{x}{5}$

15 $\frac{5}{n} = \frac{25}{45}$