

Finding Ratios and Proportions

Solve for the unknown variable.

$$\textcircled{1} \quad \frac{x}{8} = \frac{8}{64}$$

$$\textcircled{2} \quad \frac{y}{84} = \frac{2}{21}$$

$$\textcircled{3} \quad \frac{b}{15} = \frac{21}{45}$$

$$\textcircled{4} \quad \frac{d}{30} = \frac{12}{24}$$

$$\textcircled{5} \quad \frac{16}{24} = \frac{8}{4p}$$

$$\textcircled{6} \quad \frac{51}{f} = \frac{9}{3}$$

$$\textcircled{7} \quad \frac{8}{3} = \frac{15}{v}$$

$$\textcircled{8} \quad \frac{34}{25} = \frac{8v}{5}$$

$$\textcircled{9} \quad \frac{3g}{6} = \frac{4}{9}$$

$$\textcircled{10} \quad \frac{75}{95} = \frac{12}{q}$$

Finding Ratios and Proportions

Answers

$$\textcircled{1} \quad \frac{x}{8} = \frac{8}{64}$$

$$\underline{x = 1}$$

$$\textcircled{2} \quad \frac{y}{84} = \frac{2}{21}$$

$$\underline{y = 8}$$

$$\textcircled{3} \quad \frac{b}{15} = \frac{21}{45}$$

$$\underline{b = 7}$$

$$\textcircled{4} \quad \frac{d}{30} = \frac{12}{24}$$

$$\underline{d = 15}$$

$$\textcircled{5} \quad \frac{16}{24} = \frac{8}{4p}$$

$$\underline{p = 3}$$

$$\textcircled{6} \quad \frac{51}{f} = \frac{9}{3}$$

$$\underline{f = 17}$$

$$\textcircled{7} \quad \frac{8}{3} = \frac{15}{v}$$

$$\underline{v = 5.63}$$

$$\textcircled{8} \quad \frac{34}{25} = \frac{8v}{5}$$

$$\underline{v = 0.85}$$

$$\textcircled{9} \quad \frac{3g}{6} = \frac{4}{9}$$

$$\underline{g = 0.88}$$

$$\textcircled{10} \quad \frac{75}{95} = \frac{12}{q}$$

$$\underline{q = 15.2}$$