

Name : _____

Score : _____ Date : _____

Working on Ratios and Proportions

Find the unknown in the given proportions.

$$\boxed{1} \quad \frac{16}{12} = \frac{8}{p}$$

$$p = \underline{\quad}$$

$$\boxed{2} \quad \frac{21}{18} = \frac{7}{q}$$

$$q = \underline{\quad}$$

$$\boxed{3} \quad \frac{38}{19} = \frac{9}{8}$$

$$g = \underline{\quad}$$

$$\boxed{4} \quad \frac{13}{c} = \frac{26}{10}$$

$$c = \underline{\quad}$$

$$\boxed{5} \quad \frac{9}{d} = \frac{27}{18}$$

$$d = \underline{\quad}$$

$$\boxed{6} \quad \frac{10}{20} = \frac{y}{40}$$

$$y = \underline{\quad}$$

$$\boxed{7} \quad \frac{81}{9} = \frac{b}{6}$$

$$b = \underline{\quad}$$

$$\boxed{8} \quad \frac{x}{12} = \frac{16}{64}$$

$$x = \underline{\quad}$$

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Answers

$$\boxed{1} \quad \frac{16}{12} = \frac{8}{p}$$

$$p = \underline{6}$$

$$\boxed{2} \quad \frac{21}{18} = \frac{7}{q}$$

$$q = \underline{6}$$

$$\boxed{3} \quad \frac{38}{19} = \frac{g}{8}$$

$$g = \underline{16}$$

$$\boxed{4} \quad \frac{13}{c} = \frac{26}{10}$$

$$c = \underline{5}$$

$$\boxed{5} \quad \frac{9}{d} = \frac{27}{18}$$

$$d = \underline{6}$$

$$\boxed{6} \quad \frac{10}{20} = \frac{y}{40}$$

$$y = \underline{20}$$

$$\boxed{7} \quad \frac{81}{9} = \frac{b}{6}$$

$$b = \underline{54}$$

$$\boxed{8} \quad \frac{x}{12} = \frac{16}{64}$$

$$x = \underline{3}$$