

Solving Proportions

Answer Key

Solve each proportion.

$$1) \quad \frac{25}{y} = \frac{10}{6}$$

$$\underline{y = 15}$$

$$2) \quad \frac{13}{3} = \frac{26}{c}$$

$$\underline{c = 6}$$

$$3) \quad \frac{u}{21} = \frac{16}{84}$$

$$\underline{u = 4}$$

$$4) \quad \frac{v}{28} = \frac{10}{8}$$

$$\underline{v = 35}$$

$$5) \quad \frac{8}{2} = \frac{52}{g}$$

$$\underline{g = 13}$$

$$6) \quad \frac{25}{p} = \frac{85}{17}$$

$$\underline{p = 5}$$

$$7) \quad \frac{d}{15} = \frac{21}{45}$$

$$\underline{d = 7}$$

$$8) \quad \frac{16}{9} = \frac{48}{9r}$$

$$\underline{r = 3}$$

$$9) \quad \frac{m}{9} = \frac{24}{8}$$

$$\underline{m = 27}$$

$$10) \quad \frac{45}{27} = \frac{x}{3}$$

$$\underline{x = 5}$$

$$11) \quad \frac{36}{3} = \frac{a}{2}$$

$$\underline{a = 24}$$

$$12) \quad \frac{z}{30} = \frac{12}{24}$$

$$\underline{z = 15}$$