

• Follow-Along •

Solve for the variable using cross products.

Reduce your answer, if possible, and convert IMPROPER FRACTIONS to MIXED NUMBERS.

$$1) \quad \frac{4}{5} = \frac{3}{a}$$

$$2) \quad \frac{b}{3} = \frac{4}{17}$$

$$3) \quad \frac{6}{L} = \frac{10}{9}$$

$$a = \underline{\hspace{2cm}}$$

$$b = \underline{\hspace{2cm}}$$

$$L = \underline{\hspace{2cm}}$$

$$4) \quad \frac{9}{8} = \frac{h}{11}$$

$$5) \quad \frac{8}{n} = \frac{2}{5}$$

$$6) \quad \frac{7}{a} = \frac{19}{2}$$

$$h = \underline{\hspace{2cm}}$$

$$n = \underline{\hspace{2cm}}$$

$$a = \underline{\hspace{2cm}}$$

$$7) \quad \frac{4}{9} = \frac{5}{v}$$

$$8) \quad \frac{D}{10} = \frac{7}{8}$$

$$9) \quad \frac{9}{5} = \frac{c}{6}$$

$$v = \underline{\hspace{2cm}}$$

$$D = \underline{\hspace{2cm}}$$

$$c = \underline{\hspace{2cm}}$$

$$10) \quad \frac{M}{15} = \frac{2}{3}$$

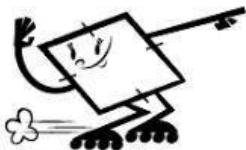
$$11) \quad \frac{7}{3} = \frac{2}{q}$$

$$12) \quad \frac{11}{5} = \frac{4}{g}$$

$$M = \underline{\hspace{2cm}}$$

$$q = \underline{\hspace{2cm}}$$

$$g = \underline{\hspace{2cm}}$$



• Follow-Along •

13) If Morgan can read 7 books in 8 days, exactly how many days would it take her to read 20 books?

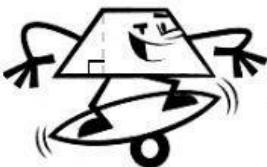
14) If it takes 5 pounds of peanuts to make 9 jars of peanut butter, exactly how many pounds of peanuts is needed to make 24 jars of peanut butter?

15) In a scale drawing, 3 millimeters represents 17 meters. Exactly how many millimeters represents 55 meters?

16) Joy can make 9 sandwiches in 15 minutes. At this rate, exactly how many minutes would it take Joy to make 30 sandwiches?

17) If 7 gallons of paint is needed to paint 3 equally sized rooms, exactly how many gallons of paint is needed to paint 5 rooms of the same size?

18) It takes 8 potatoes to make 130 french fries. Exactly how many potatoes would it take to make 200 french fries?



• Practice •

Solve for the variable.

$$1) \frac{8}{3} = \frac{64}{P}$$

$$2) \frac{40}{60} = \frac{w}{24}$$

$$3) \frac{2}{11} = \frac{5}{a}$$

$$P = \underline{\hspace{2cm}}$$

$$w = \underline{\hspace{2cm}}$$

$$a = \underline{\hspace{2cm}}$$

$$4) \frac{D}{15} = \frac{2}{7}$$

$$5) \frac{60}{45} = \frac{R}{6}$$

$$6) \frac{10}{y} = \frac{35}{4}$$

$$D = \underline{\hspace{2cm}}$$

$$R = \underline{\hspace{2cm}}$$

$$y = \underline{\hspace{2cm}}$$

$$7) \frac{k}{9} = \frac{4}{11}$$

$$8) \frac{13}{4} = \frac{Z}{12}$$

$$9) \frac{3}{f} = \frac{16}{5}$$

$$k = \underline{\hspace{2cm}}$$

$$Z = \underline{\hspace{2cm}}$$

$$f = \underline{\hspace{2cm}}$$

$$10) \frac{q}{90} = \frac{7}{15}$$

$$11) \frac{25}{3} = \frac{X}{4}$$

$$12) \frac{24}{20} = \frac{54}{h}$$

$$q = \underline{\hspace{2cm}}$$

$$X = \underline{\hspace{2cm}}$$

$$h = \underline{\hspace{2cm}}$$