

① $\frac{1.2c}{1.2} = \frac{0.6}{1.2}$

* do opposite operation to both sides of equal sign

$$\begin{array}{r} 0.5 \\ 1.2 \overline{) 0.60} \\ \underline{-60} \\ 0 \end{array}$$

$c = .5$

or

$$\frac{0.6 \times 10}{1.2 \times 10} = \frac{6 \div 6}{12 \div 6} = \frac{1}{2}$$

③ $\frac{4.5}{0.5} = \frac{0.5n}{0.5}$

$$\begin{array}{r} 9. \\ 0.5 \overline{) 4.5} \\ \underline{45} \\ 0 \end{array} \quad n = 9$$

② $\frac{1}{4} = \frac{y}{12}$

* cross multiply

$$\frac{12}{4} = \frac{4y}{4}$$

$3 = y$

or $12 \cdot \frac{1}{4} = \frac{y}{12} \cdot 12$

$4 \div \frac{12}{4} = y$

$3 = y$

④ $\frac{9}{4} = 3.2$

$$\begin{array}{r} \times 3.2 \\ \frac{9}{4} \\ \hline 12.8 \end{array} \quad 12.8 = 9$$

Melissa and Rachel like make funny hats. Melissa has made 20 zebra printed hats. Rachel has made h striped hats. Together they made a total of 42 hats.

$$\begin{array}{r} 20 + h = 42 \\ -20 \quad -20 \\ \hline \end{array} \quad h = 42$$

Sharon read a 300 page book.
She read at a rate of 15
pages per day.

$$15x = 300$$

of pages per day # of days total pages

to divide since
its asking us
to multiply
15 by x.

$$\frac{15x}{15} = \frac{300}{15}$$

$$15 \overline{) 300} \\ \underline{-300} \\ 00 \\ \underline{-00} \\ 0$$

$$x = 20$$

← pages per # of days it takes to read book