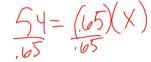
## Percent equation:

## (Percent as a decimal)x(Total) = Part

1. What is 23% of 600?

2. 54 is 65% of what?





(.23)(600) = 
$$\times$$
  
3. 124 is what percent of 305?  

$$124 = (x)(305)$$

1. What is 110% of 50?

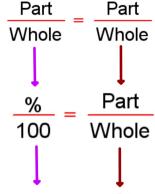
$$\frac{10}{100} = \frac{\times}{50}$$

3. 40 is what % of 16?

$$\frac{X}{100} = \frac{40}{16}$$
 $X = 250$ 

X=55

## Percent Problems using Proportions



1. What is 8% of <u>75</u>?

$$\frac{42}{100} = \frac{36}{x} \times -85.71$$

3. 380 is what percent of 420?

$$\frac{x}{100} = \frac{380}{420}$$
  $x = 90.48\%$   $\frac{\%}{100} = \frac{\text{is}}{\text{of}}$ 

## A salesman earns 3% commission on his monthly sales.

1. If he sold \$7400 worth of merchandise what was his commission?

$$\frac{3}{100} = \frac{x}{1400}$$
\$222

2. If his commission on his last paycheck was \$121.80 how much merchandise did he sell?

$$\frac{3}{100} = \frac{121.80}{X}$$

- 3. After a year of doing a good job the company raised his commission. If one paycheck paid him \$434.25 commission on sales of \$9650 worth of merchandise find his percent commission.