#### Decimal to a Percent

Example: 
$$.24 = 24\%$$

Move the decimal two places to the right

#### Percent to a Decimal

Example: 
$$36\% = .36$$

Move the decimal two places to the left.

#### Fraction to a Decimal

Example: 
$$\frac{3}{10} = \boxed{0.3}$$
 Read the Fraction

Find an equivalent fraction with a denominator of 10 or 100

Example: 
$$\frac{2}{5} = \frac{4}{10} = 0.4$$

If the denominator cannot become 10 or 100

Ex: 
$$\frac{3}{7} = 0.43$$

Round to the nearest hundredth

#### Decimal to a Fraction

Example: 
$$0.13 = \frac{13}{100}$$

$$0.4 = \frac{4}{10} = \frac{2}{5}$$

Read the Decimal

Read the decimal number. The denominator is either 10 or 100

**Always Simplify** 

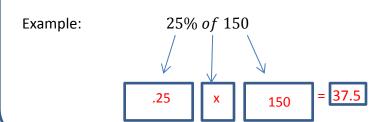
#### Percent to a Fraction

Example: 
$$54\% = \frac{54}{100} = \frac{27}{50}$$

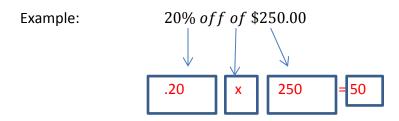
Percents are out of 100

**Always Simplify** 

### Percent of a Number



# Discount/Sale



Then subtract sale from cost.

$$$250 - $50 = $200$$

## tip

Example: 15% *tip on* \$36.00

Then add tip to cost.

\$36.00 + \$5.40 = \$41.40