A percent is a way to compare one part to the total. Fractions and decimals also do this.

How to change a **percent to a decimal**:

12% -

 1.25% -

How to change a **decimal to a percent**:

 .6

 1.4

How to change a **fraction to a decimal**:

 1/20

 12/11

How to change a **decimal to a fraction**:

 .45

 1.2

How to change a **percent to a fraction:**

 .5

 .123

How to change a **fraction to a percent**:

 1/10

 23/11

Percent ***of*** a number

OF = MULTIPLY

Example: Find 20% of 34.

**20% OF 34** ---- really means 20% multiplied by 34

20% = 0.2 \*\*change the % to a decimal\*\*

0.2 x 34 = \*\*multiply\*\*

Example 2: A jacket was on sale for 30% off the original price. If the original price was $199.99 (taxes included), what would be the sale price (taxes included)?

30% OF \_\_\_\_\_\_\_\_\_\_

\*\*change % to a decimal\*\*

\*\*multiply\*\*

The answer will be 30% of the price – the amount that you save. How can you use this answer to find the sale price?

Example 3:

Billy bought a bag of chips for $2.50, a pop for $1.50 and a sandwich for $4.00. What percentage of the total cost was each item? \*\*hint- find the total, then make fractions, decimals, and percents for each item\*\*