Discount: the amount (or %) that is taken OFF of a price.

Sale Price: the price you pay once the discount is taken off.

(Original Price minus Discount)

Example:

The regular price of a cell phone is \$199.99. This week it is 25% off. What is the amount of discount and the sale price?

Amount of Discount =
$$X = $50$$

Sale Price = $$149.99$
 $$199.99 - 50$

Example:

An iPod that regularly sells for \$210 is on sale for 30% off. What totalis the iPod selling for now? Find the amount of discount and the sale price.

Amount of Discount =
$$\frac{X = \$63}{\$3}$$

Sale Price = $\frac{\$147}{(210 - 63)}$

Markup: the amount a price is increased. (stores buy an item and mark them up before selling to you)

Retail Price: the price that you pay in a store after it is marked up.

("whole sale price" plus amount of mark up)

Example:

A jeweler buys a ring from an artisan for \$85. He sells the ring in his store for a 135% markup. Find the amount of markup and the retail price in his store. $\frac{X}{CC} = \frac{135}{100}$

store.
$$\frac{x}{85} = \frac{135}{100}$$

Amount of markup = $\frac{x}{85} = \frac{114.75}{100}$

Retail price = $\frac{135}{100}$
 $\frac{135}{100}$
 $\frac{135}{100}$
 $\frac{135}{100}$
 $\frac{135}{100}$