

Study the following.

discount (**diss-kount**) - an amount subtracted from the price of something.
(There was a \$10 discount on jeans, so I only paid \$30 instead of \$40.)

off (**awf**) - subtracted from. When talking about a percent off, it means the percent subtracted from the price. (The shirt was sold at 20% off.)

Say each word out loud and write it in the blank.

discount _____
off _____

Write each definition in your own words.

discount

off

Write two sentences using each word below.

discount

1.

2.

off

1.

2.

Matching.

discount

an amount subtracted from the price of something

off

subtracted from

Study the following.

Discounts are often stated as a percent off the original price. (example: 20% discount, or 20% off.)

There are two ways to calculate what you will pay, when an item has a discount.

First way: A shirt cost \$40 and has a 25% discount.

Calculate 25% of 40.

$$\begin{array}{l} .25 \times 40 \\ = 10 \end{array} \quad \text{Change the \% to a decimal. Of means times.}$$

\$10 is the amount of the discount, so you subtract it from the original price to get the price you will pay.

$$40 - 10 = 30$$

You will pay \$30 for the shirt.

Solve.

	Original price (\$)	% discount	Amount of discount (\$)	Price you will pay (\$)
1.	\$80	20%		
2.	\$120	40%		
3.	\$36	25%		
4.	\$90	30%		
5.	\$18	50%		

Study the following.

Second way. A shirt cost \$40 and has a 25% discount.

First you subtract 100 % minus the discount percent.
This will give you the percent that you will pay.

$$100 - 25 = 75\%$$

Now calculate 75% of \$40.

$$.75 \times 40 \quad \text{Change the \% to a decimal. Of is times.}$$

$$= 30$$

\$30.00 is the amount you will pay.

Solve.

	Original price (\$)	% discount	Percent you will pay.	Price you will pay (\$)
1.	\$80	20%		
2.	\$120	40%		
3.	\$36	25%		
4.	\$90	30%		
5.	\$18	50%		