

Study the following.

tax (**taks**) - a percent of what you buy, that is added to the price. (I had to pay tax when I bought the bike.)

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

tax _____

Write the definition in your own words.

tax

Write two sentences using the word below.

tax

1.

2.

Study the following.

There are two ways to calculate what you will pay, when an item is taxed.

First way: A shirt cost \$40 and has a 10% tax.

Calculate 10% of 40.

$$\begin{aligned} &.10 \times 40 \\ &= 4 \end{aligned}$$

Change the % to a decimal. Of means times.

\$4 is the amount of the tax, so you add it to the original price to get the price you will pay.

$$40 + 4 = 44$$

You will pay \$44 for the shirt.

Solve.

	Original price (\$)	% tax	Amount of tax (\$)	Price you will pay (\$)
1.	\$80	6%		
2.	\$120	8%		
3.	\$36	10%		
4.	\$90	9%		
5.	\$18	7%		

Study the following.

Second way. A shirt cost \$40 and has a 10% tax.

First you add 100 % plus the tax percent.

This will give you the percent that you will pay.

$$100 + 10 = 110\%$$

Now calculate 110% of \$40.

$$1.10 \times 40 \quad \text{Change the \% to a decimal. Of is times.}$$

$$= 44$$

\$44.00 is the amount you will pay.

Solve.

	Original price (\$)	% tax	Percent you will pay.	Price you will pay (\$)
1.	\$80	6%		
2.	\$120	8%		
3.	\$36	10%		
4.	\$90	9%		
5.	\$18	7%		