

# PERCENT OF A NUMBER

## TAXES

It is possible to find the percent of a number by multiplying.

For example, if you are buying some food at the store and there is a 5% sale tax, you can figure out how much in taxes you will have to pay!

EXAMPLE: What if your grocery bill was \$125.00 and the tax is 5% or .05 percent.

To find out how much you will pay in taxes, multiply 125.00 by the decimal form of 5% which is .05.

$$\begin{array}{r} 125.00 \\ \times .05 \\ \hline \end{array}$$

6.2500 ← After the decimal, you can drop any zeroes that are at the end of your number!

\$6.25 is the tax that you will pay.

Add the 125.00 that you payed with the tax total of 6.25 to get the total with tax!

$$125.00 + 6.25 = 131.25$$

For the next ten problems, calculate the taxes of each dollar amount if the sales tax is 5%.

1) \$4.55      2) \$159.45      3) \$25.60      4) \$98.29      5) \$300.00

6) \$1,387.90    7) \$ 250.00      8) \$245.45      9) \$25.22      10) \$90.10

For the next 10 problems, find the tax amount at 5% and then add the tax to the number given.

Example: \$345.25

$$\begin{array}{r} \phantom{345.25} \\ \phantom{345.25} \times .05 \\ \hline 17.2625 \end{array}$$

← Round to the nearest hundredth. \$17.26 ←

↓  
Add \$17.26 (tax) with the amount that you payed (\$345.25)

$$\begin{array}{r} 345.25 \\ +17.26 \\ \hline \end{array}$$

\$362.51 ←

→ This is the answer! This is what you would pay for buying 345.25 worth of groceries with a 5% sales tax!

Directions: Solve the next ten problems by finding the sales tax and then adding the tax to the original price.

For #1 to # 5, use an 8% sales tax!

- 1) \$45.00      2) \$35.50      3) \$ 57.25      4) \$159.32      5) \$250.75

For #6 to #10, use a 6% sales tax to find out what is the total you will pay.

- 6) \$555.55      7) \$ 62.10      8) \$25.50      9) \$225.31      10) \$995.35