

How to calculate percentage

1. We can change a % to a decimal number.

We know that % means out of 100.

$$25\% = \frac{25}{100} = .25$$

2. Change the percent to a decimal number

Multiply it by the whole number.

Example 32% of 45

We change 32% to .32 and multiply it by 45 (the whole number)

$$\begin{array}{r} 45 \\ \times .32 \\ \hline + 90 \\ 1350 \\ \hline 1440 \end{array}$$

3. Remember to follow the decimal multiplication rule and count the number of decimal places. Put the same number of decimal places in your answer.

decimal places

$$\begin{array}{r} 0 \\ + .2 \\ \hline .2 \end{array}$$

Answer: 14.40

Let's try a few problems

1. What is 15% of \$60?
2. What is 50% of \$30?
3. What is 89% of 560?

4. What is 42% of \$70?

5. What is 90% of \$40?

6. What is 25% of \$80?

7. What is 75% of \$140?