

Calculating Percent of a Number

Jan 9, 2024

Steps:

- 1) Change % to decimal by dividing by 100%
- 2) Multiply the decimal by the original number
- 3) Round to 2 decimal places.

Example: 25% of 350

$$\frac{25\%}{100\%} = 0.25$$

% to decimal

$$0.25 \times 350 = 87.50$$

Decimal \times Original
Two decimal places

Try: 37% of 25

$$\frac{37\%}{100\%} = 0.37$$

$$0.37 \times 25 = 9.25$$

Try: 11% of 4.15

$$\frac{11\%}{100\%} = 0.11$$

$$0.11 \times 4.15 = 0.4565$$

$$= 0.46$$

Try: 8% of 1.35

$$\frac{8\%}{100\%} = 0.08$$

$$0.08 \times 1.35 = 0.108$$
$$= 0.11$$