

Percentages—Finding a percentage of an amount

Facts

Change the percentage to a decimal by dividing by 100 when using a calculator to find a percentage of an amount

A **percentage of an amount** allows us to calculate a percentage of a given number by either calculating simple percentages such as 10% and 1% and building the percentage up from there, or by using a percentage multiplier.

E.g. Find **21%** of **£500**.

Using simple percentages

100% is the original amount.

10% = **£50**

1% = **£5**

21% of **£500** = **2 x £50 + £5**
= £105

Using percentages multipliers

$$21\% = \frac{21}{100} = 0.21$$

$$21\% \text{ of } £500 = 0.21 \times 500 \\ = £105$$