

Percentage of an Amount

There are different methods to calculate a **percentage of an amount**.



Example Find 21% of £500

Using simple percentages

The original amount (£500) is 100%

$$500 \div 10 = 50 \text{ so } 10\% = \text{£}50$$

$$500 \div 100 = 5 \text{ so } 1\% = \text{£}5$$

$$21\% \text{ of } \text{£}500 = 2 \times \text{£}50 + \text{£}5$$

$$2 \times 10\% + 1 \times 1\%$$

$$= \text{£}55$$

$$10\% = \text{£}50$$

$\times 2$

$\times 2$

$$20\% = \text{£}100$$

$$1\% = \text{£}5$$

$$100\% = \text{£}500$$



Using percentage multipliers

This is a good method to use with a calculator.

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

Convert the percentage to a decimal.

$$21\% \text{ of } \text{£}500 = 0.21 \times 500 \\ = \text{£}55$$