

## Increase £320 by 25%

When finding percentage increases without a calculator we need to find the percentage and then add it on.

$$10\% \text{ of } \pounds 320 = \pounds 32$$

$$5\% \text{ of } \pounds 320 = \pounds 16$$

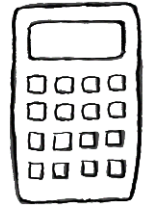
For 25% we will need 2 lots of 10%  
and one lot of 5%

$$20\% = \pounds 32 \times 2 = \pounds 64$$

$$5\% = \pounds 16$$

$$\pounds 320 + \pounds 64 + \pounds 16 = \pounds 400$$

## Increase £415 by 23%



When finding percentage increases with a calculator we need to first convert the percentage into a decimal.

$$23\% \text{ as a decimal is } 0.23$$

Next, to increase we add 1 to the decimal we have found and then multiply it by the original amount..

$$1 + 0.23 = 1.23$$

$$\pounds 415 \times 1.23 = \pounds 510.45$$

## Increase £320 by 25%

When finding percentage increases without a calculator we need to find the percentage and then add it on.

$$10\% \text{ of } £320 = £32$$

$$5\% \text{ of } £320 = £16$$

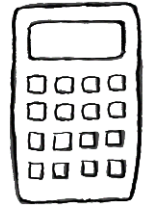
For 25% we will need 2 lots of 10%  
and one lot of 5%

$$20\% = £32 \times 2 = £64$$

$$5\% = £16$$

$$£320 + £64 + £16 = £400$$

## Increase £415 by 23%



When finding percentage increases with a calculator we need to first convert the percentage into a decimal.

$$23\% \text{ as a decimal is } 0.23$$

Next, to increase we add 1 to the decimal we have found and then multiply it by the original amount..

$$1 + 0.23 = 1.23$$

$$£415 \times 1.23 = £510.45$$