

PERCENTAGES WITH A CALCULATOR

- Find 23% of £450

$$\begin{aligned} & 23\% \text{ of } 450 \\ = & 0.23 \times 450 && \text{(convert 23\% to a decimal)} \\ = & \text{£}103.50 \end{aligned}$$

1

- Increase £350 by $17\frac{1}{2}\%$ VAT

$$\begin{aligned} \text{Increase} &= 17\frac{1}{2}\% \text{ of } 350 \\ &= 0.175 \times 350 \\ &= \text{£}61.25 \end{aligned}$$

$$\begin{aligned} \text{New price} &= 350 + 61.25 \\ &= \text{£}411.25 \end{aligned}$$



2

- Express £25 as a percentage of £40

$$\begin{aligned} \frac{25}{40} &= 0.625 && \text{(25 } \div \text{ 40)} \\ &= 62.5\% \end{aligned}$$

3

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- WE DO NOT . . .

 use the % button

 multiply or divide by 100