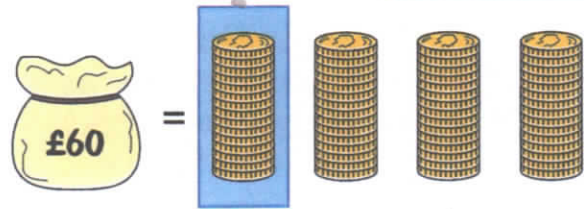


## FINDING A FRACTION OF AN AMOUNT

To find  $\frac{1}{4}$  of £60, divide it into 4 equal amounts:

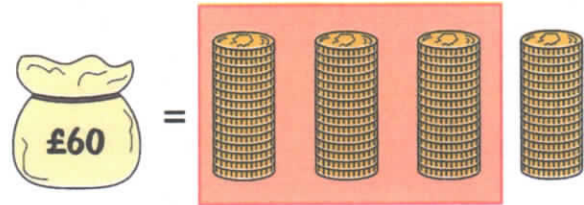
$$60 \div 4 = 15$$



$$\frac{1}{4} \text{ of } £60 = £15$$

$\frac{3}{4}$  of £60, will be 3 of these amounts:

$$3 \times 15 = 45$$



$$\frac{3}{4} \text{ of } £60 = £45$$

To find a fraction of an amount:

**DIVIDE** the amount by the **BOTTOM** number and then **MULTIPLY** by the **TOP** number.

$$\frac{7}{8} \text{ of } 40 = 40 \div 8 \times 7 = 5 \times 7 = 35$$



$\frac{1}{3}$  of £60 is £20, so that's £20 off!


**45**

Find the following amounts:

- a)  $\frac{1}{10}$  of £50    b)  $\frac{3}{10}$  of £50    c)  $\frac{2}{7}$  of 35kg    d)  $\frac{9}{20}$  of 60p    e)  $\frac{8}{15}$  of 90m

## FINDING A PERCENTAGE OF AN AMOUNT

15% of £80 is the same as  $\frac{15}{100}$  of £80.

This can be calculated by  $80 \div 100 \times 15 =$  The answer is £12.

This calculation can be done a different way round, as long as we **DIVIDE** by 100 and **MULTIPLY** by 15 we will get the same answer.

All these amounts are the same:

$$80 \times 15 \div 100 \quad 15 \div 100 \times 80 \quad 15 \times 80 \div 100$$

Check them on a calculator.

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Find the following amounts:

- a) 20% of £30    b) 75% of 18kg    c) 15% of £34    d) 42% of 67m

## USING THE % BUTTON ON A CALCULATOR

Think of the word "of" as meaning **X**

15% of £80 is entered **8** **0** **X** **1** **5** **%** DON'T press **=**