Fraction of a Quantity

Be able to find a basic fraction of a quantity

To find a fraction (like a $\frac{1}{2}$) of something - you **divide**.
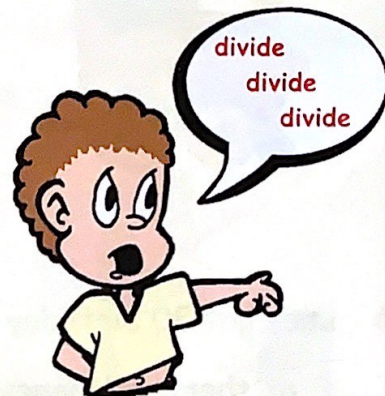
→ $\frac{1}{2}$ of 12p means "12p **divided by** 2" = 6p

→ $\frac{1}{3}$ of 21p means "21p **divided by** 3" = 7p

→ $\frac{1}{8}$ of 40p means "40p **divided by** 8" = 5p

divide
divide
divide

Exercise 1

1. **Copy** and complete :-

   " $\frac{1}{2}$ of 20p means "20p **divided by** 2" = ... p".

2. **Copy** and complete :-

   " $\frac{1}{4}$ of 36 cm means "36 cm **divided by** ..." = ... cm"

3. Find :-

   a $\frac{1}{2}$ of 60p

   b $\frac{1}{3}$ of 18 metres

   c $\frac{1}{5}$ of 35 grams

   d $\frac{1}{10}$ of £80

   e $\frac{1}{4}$ of 32 litres
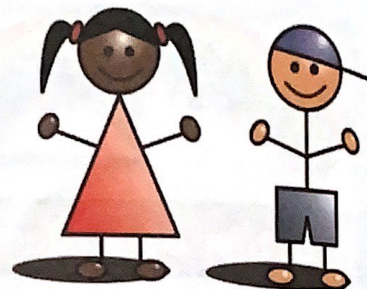
   f $\frac{1}{6}$ of £66

   g $\frac{1}{8}$ of 48 cm

   h $\frac{1}{7}$ of 63p

   i $\frac{1}{3}$ of 93p.

4. 27 children are in a classroom. $\frac{1}{3}$ of them are girls.

   a How many girls are in the classroom ?

   b How many boys are there ?

5. It is 36 miles from my home town to Glasgow by train.

The train broke down when it reached $\frac{1}{4}$ of the way.

   a How far had I travelled ?

   b How far was I then from Glasgow ?

6. Lucy got 30 birthday cards on her birthday.

$\frac{1}{5}$ of them had money in them.

How many cards had money in them ?

7. Most cats sleep for about $\frac{1}{3}$ of each day.

How many hours is this ?