

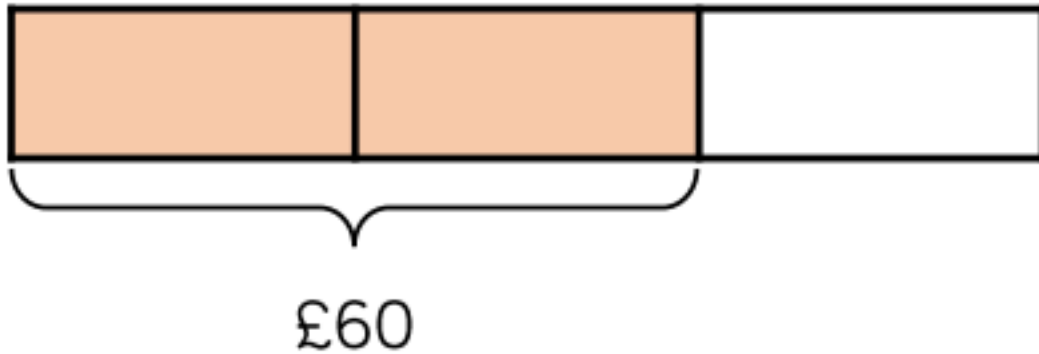
Maths Week 11

From now on, we will be revising key skills that we have already covered earlier in the year.

Fractions – Finding the whole

Jack has spent $\frac{2}{3}$ of his money.

He spent £60, how much did he have to start with?



$\frac{2}{3} = £60$ so we know $\frac{1}{3} = £30$

If each third is worth £30 then the whole must be three times as much – $3 \times £30 = £90$

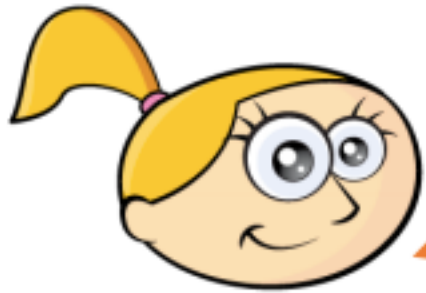
Fractions – Finding the whole

Use a bar model to represent and solve the problems.

- Rosie eats $\frac{2}{5}$ of a packet of biscuits. She eats 10 biscuits. How many biscuits were in the original packet?
- In an election, $\frac{3}{8}$ of a town voted. If 120 people voted, how many people lived in the town?

Fractions – Finding the whole

Eva lit a candle while she had a bath.
After her bath, $\frac{2}{5}$ of the candle was left.
It measured 13 cm.
Eva says:



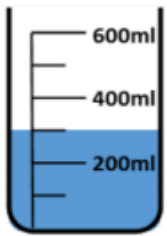
Before my bath
the candle
measured 33 cm

Is she correct?
Explain your reasoning.

Fractions – Finding the whole

Rosie and Jack are making juice.

They use $\frac{6}{7}$ of the water in a jug and are left with this amount of water:



To work out how much we had originally, we should divide 300 by 6 then multiply by 7



No, we know that 300ml is $\frac{1}{7}$ so we need to multiply it by 7

Who is correct?

Explain your reasoning.