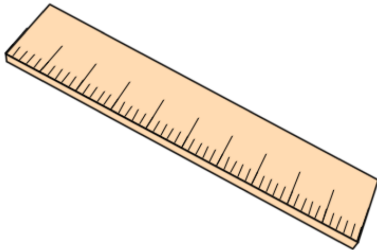# Proportion

Tips
- Read each question carefully
- Attempt every question.
- Check your answers seem right.
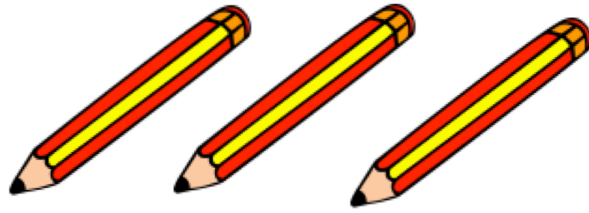- Always show your workings

Recap

Remember
- There are daily questions found at
  www.corbettmathsprimary.com/5-a-day/

1. Emily buys 3 pencils for 90p.

How much does **one pencil** cost?

How much would **six pencils** cost?

How much would **four pencils** cost?

2. Kelly is making scones.
   Here is a list of ingredients to make 8 scones.

8 Scones
200g flour
30g caster sugar
50g butter
140ml milk
1 egg

Kelly wants to make 16 scones.

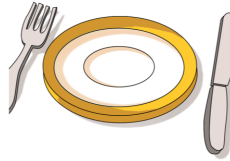How much butter should Kelly use?

g

How much milk should Kelly use?

ml

3.   Jack and Harry are waiters in a restaurant.

They are both paid the same amount of money for each hour they work.

Jack worked 4 hours and is paid £24

Harry worked 5 hours

How much money is Harry paid?

£ _____

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4.   On a map, 1cm represents 4 miles.

The distance between two towns on the map is 8cm

Work out the distance between the two towns.

_____ miles

5. On a map, 1cm represents 3 kilometres.

The distance between two towns is 12 kilometres

On the map, what is the distance between the two towns?

cm

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6. Rebecca is making Chilli Con Carne.
Here is a list of ingredients to serve 6 people.

serves 6
1.2kg mince
420g tomatoes
3 chillies
600g kidney beans

Rebecca wants to make enough Chilli Con Carne to serve 2 people

How many grams of tomatoes does Rebecca need?

g

7. Ella takes part in an archery lesson

For every 4 arrows fired, only 3 hit the target.
Altogether Ella hit the target 24 times.

How many arrows did Ella fire?

8. On a map, 1cm represents 20 miles.

The distance between two towns is 130 miles.

On the map, what is the distance between the two towns?

cm

9.   Oscar is making fish pie.
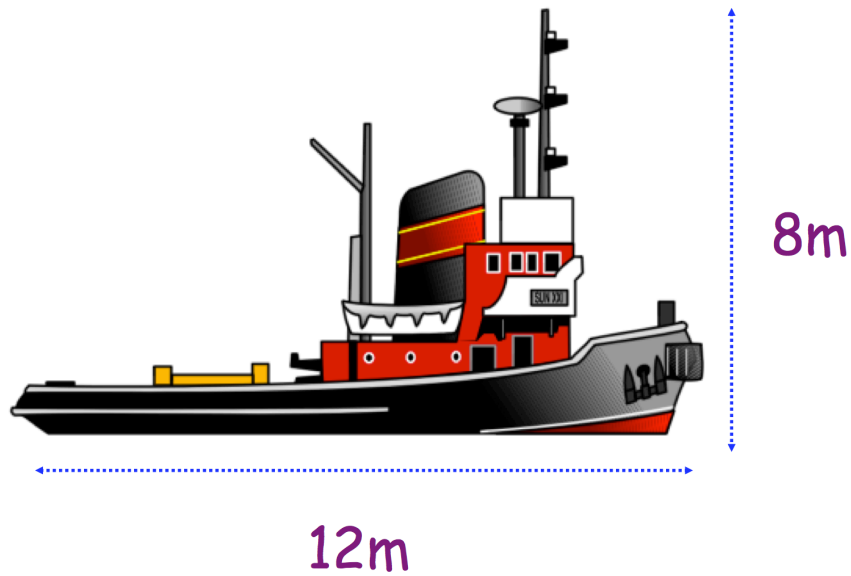   Here is a list of ingredients for 5 people.

serves 5
500g cod
400g haddock
600ml milk
120g butter
40g flour
1kg potatoes

Oscar wants to make enough fish pie for 2 people.

How much haddock should Oscar use?

g

10. A boat is 12 metres long and 8 metres tall.

8m

12m

Victoria makes a scale model of the boat.

Her model is 20 centimetres tall

How **long** is her model?

cm

11.   Freya is making shortbread biscuits.

makes 8

Butter	150g
Caster Sugar	60g
Plain Flour	200g
Cornflour	50g

Freya has only 100g of butter.

How much caster sugar should Freya use?

g

13. For every **seven** 50p coins, Alan has **six** 20p coins.

Alan has £18 in 20p coins.

How much money does Alan have altogether?

£