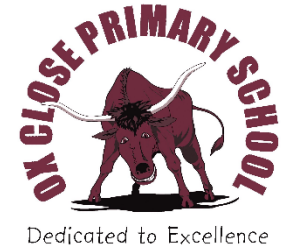


Maths Planning and Ideas



Week Commencing: Monday 15. 03. 2021

Year Group: Year 3

	Monday	Tuesday	Wednesday	Thursday	Friday
Area of Learning	LC: Can you calculate the perimeter of a shape?	LC: Can you calculate the perimeter of a shape (2) ?	LC: Can you recognise wholes and parts?	LC: Can you make equal parts	LC: Can you problem solve?
Activity	<p>Starter: Times Table Rockstars</p> <p>Main: Go to the following website: https://whiterosemaths.com/</p> <p>Find and watch Calculate perimeter video. Pause if you need to take notes or replay sections to help with understanding.</p> <p>Independent Task: Children to complete worksheet found in resources.</p> <p>Answers can be found in resources.</p>	<p>Starter: Times Table Rockstars</p> <p>Main: Go to the following website: https://whiterosemaths.com/</p> <p>Find and watch Calculate perimeter activity video. Pause if you need to take notes or replay sections to help with understanding.</p> <p>Independent Task: There is no worksheet today</p> <p>Answers can be found in resources.</p>	<p>Starter: Times Table Rockstars</p> <p>Main: Go to the following website: https://whiterosemaths.com/</p> <p>Find and watch Working with wholes and parts activity video. Pause if you need to take notes or replay sections to help with understanding.</p> <p>Independent Task: There is no worksheet today</p> <p>Answers can be found in resources.</p>	<p>Starter: Times Table Rockstars</p> <p>Main: Go to the following website: https://whiterosemaths.com/</p> <p>Find and watch Make equal parts video. Pause if you need to take notes or replay sections to help with understanding.</p> <p>Independent Task: Children to complete worksheet found in resources.</p> <p>Answers can be found in resources.</p>	<p>Starter: Times Table Rockstars</p> <p>Main:</p> <p>There is no video for today's lesson. the children will be completing an end of block revision for length and perimeter.</p> <p>Independent Task: Children to complete worksheet found in resources.</p> <p>Answers can be found in resources.</p>

Where can I complete further work?

[Twinkl](#) – Subscription service used by schools is offering a free premium service for teachers, parents and children to use whilst schools are closed. Enter the code **UKTWINKLHELPS** for access to worksheets, powerpoints and interactive games to support all areas of learning.

[Classroom Secrets](#) – Free Maths, Reading and Grammar home learning packs and interactive resources for all ages.

[White Rose Maths](#) – Free Maths home learning resources for all ages. Watch the videos and try the questions.

[Primary Stars](#) – Free Maths home learning packs for Year 1 and 2.

[BBC Bitesize Primary](#) – Free learning resources available for KS1 and KS2 across all subjects.

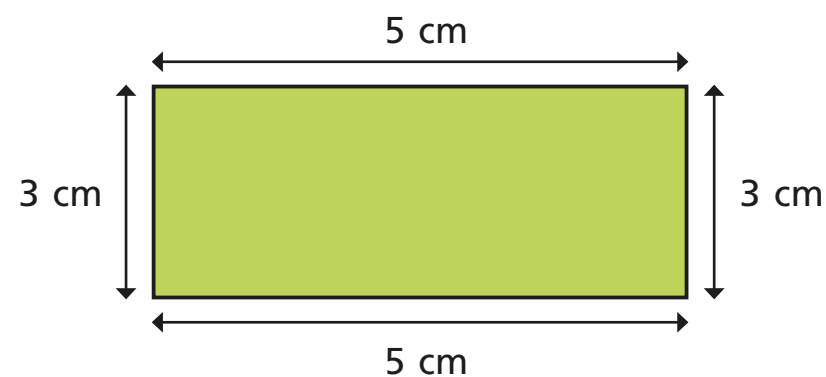
[I See Maths](#) – Free daily home maths lessons hosted by Gareth Metcalfe. Follow the link for videos, information and resources.

[Top Marks](#) – Free educational resources and games for English and Maths.

[ICT Games](#) – Free educational resources and games for English and Maths.

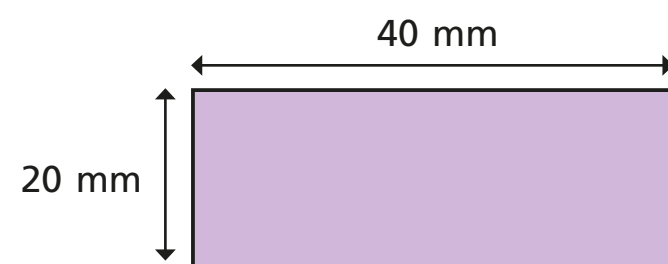
1 Work out the perimeter of each shape.

a)



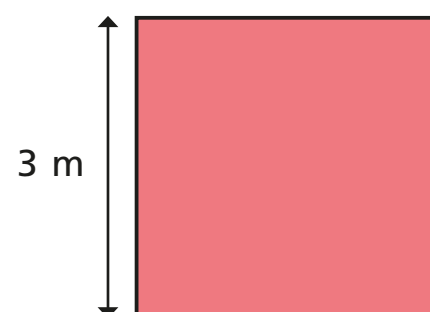
perimeter = cm

b)



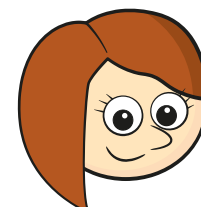
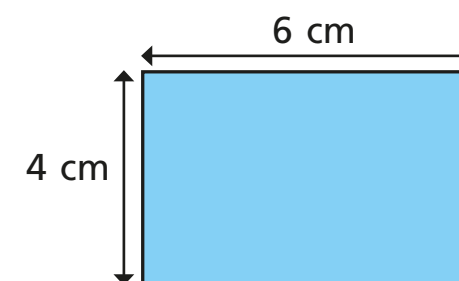
perimeter = mm

c)



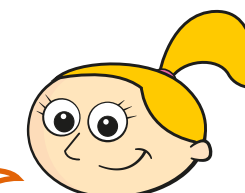
perimeter = m

2 Rosie and Eva work out the perimeter of the shape below.



Rosie

$6 + 4 = 10$,
so the perimeter is
10 cm.



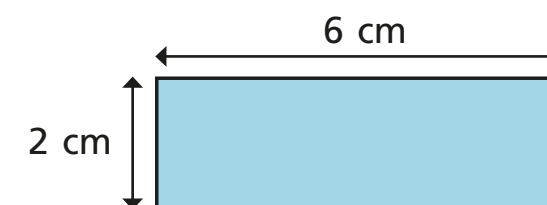
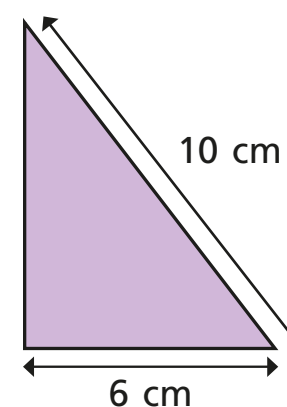
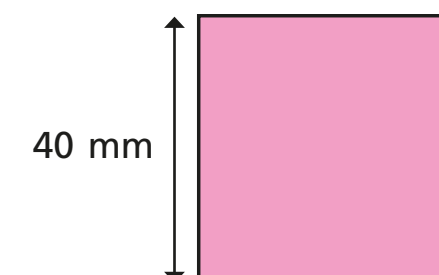
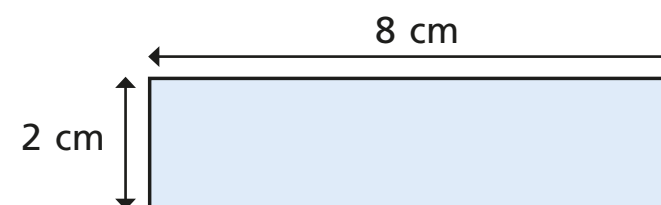
Eva

The perimeter is
20 cm.

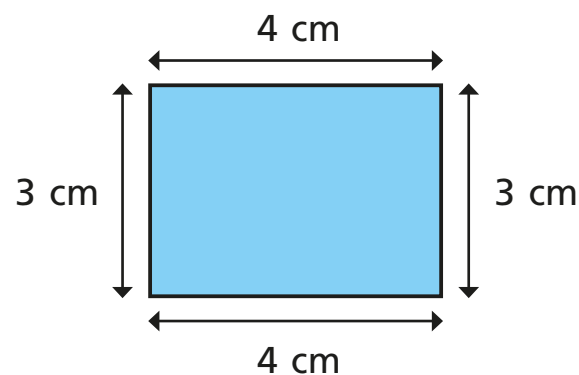
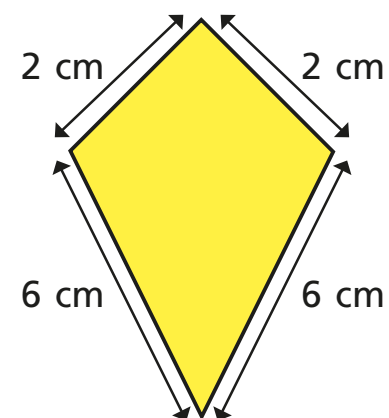
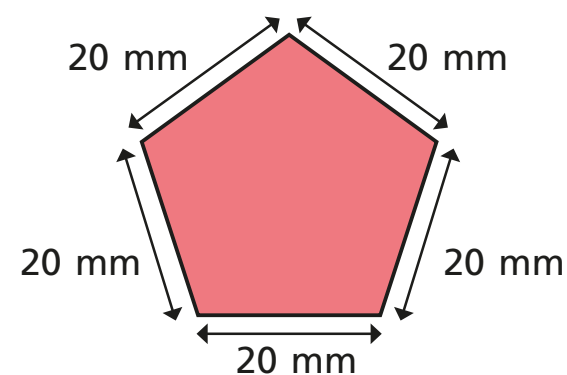
Who is correct? _____

How do you know?

3 Tick the shapes with a perimeter of 16 cm.

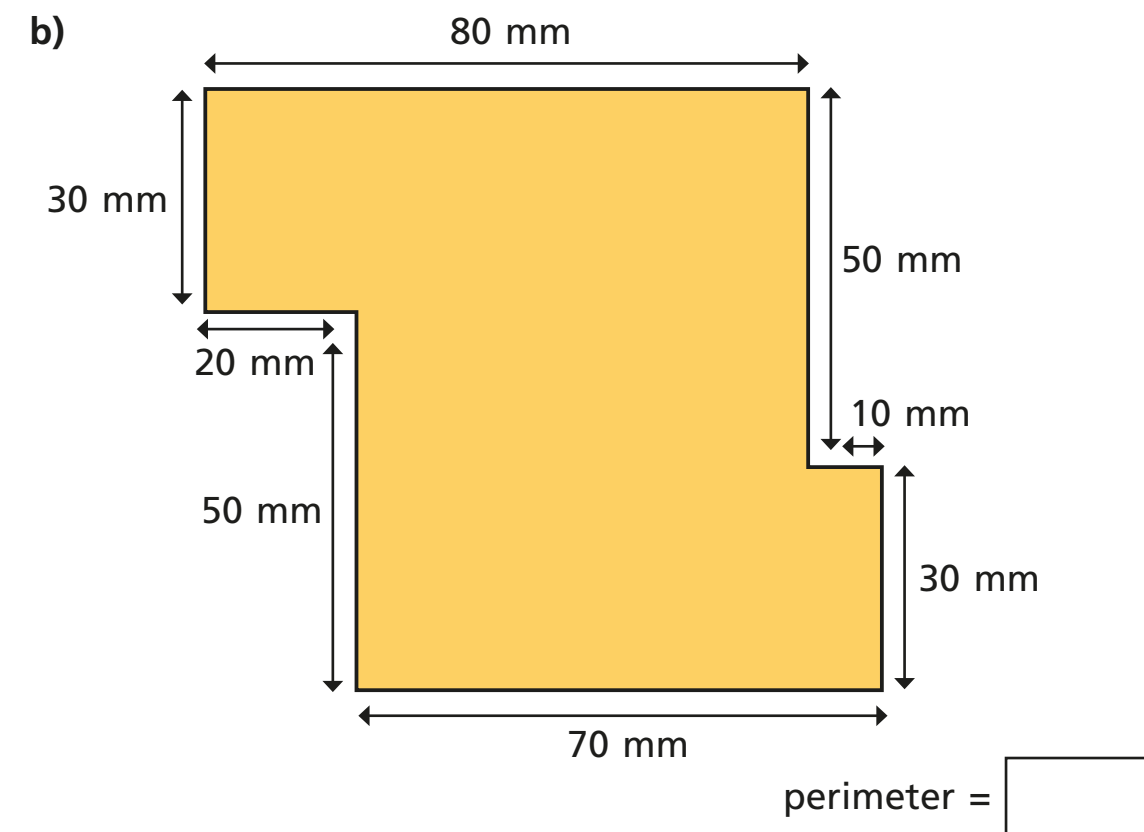
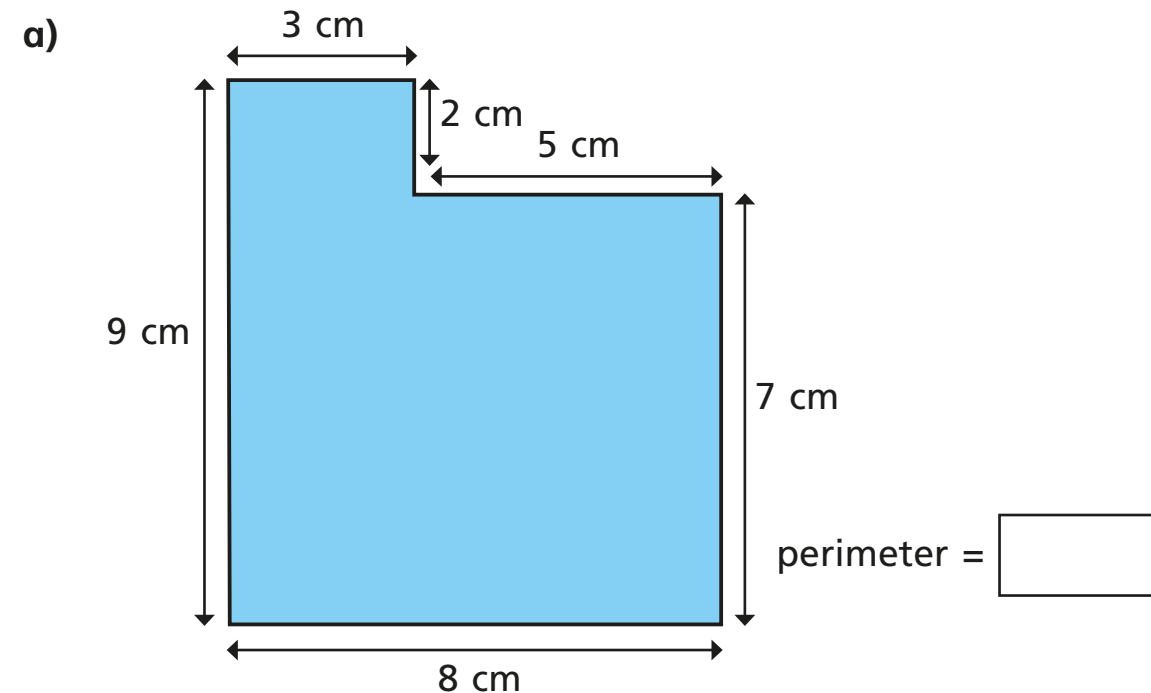


4 Which shape has the longest perimeter? Tick your answer.


☐

☐

☐

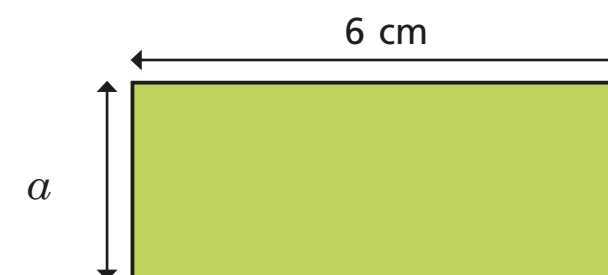
Show all your workings.

5 Work out the perimeter of these shapes.



What do you notice?

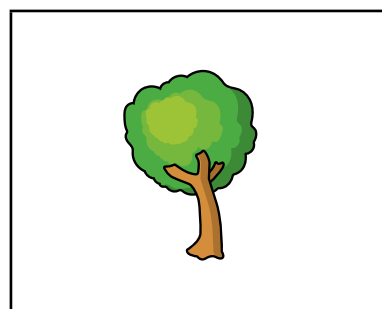
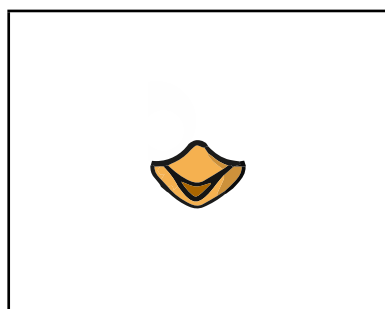
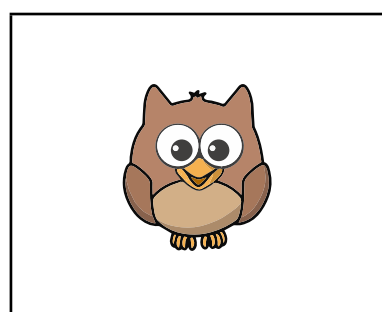
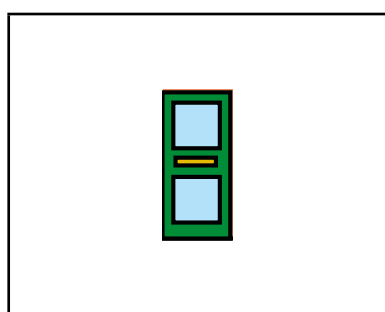
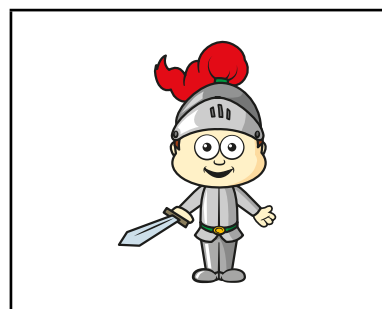
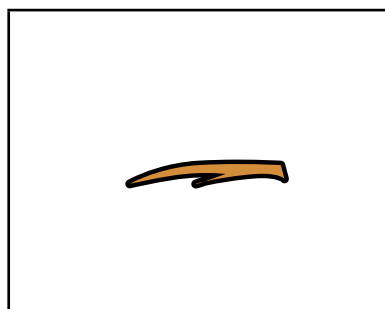
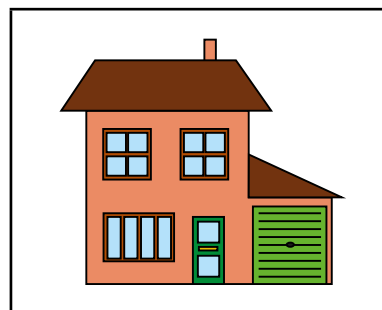
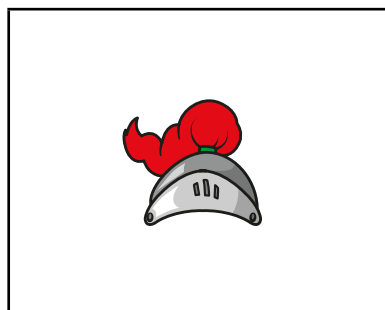
6 This rectangle has a perimeter of 18 cm.
Work out the length of side a .



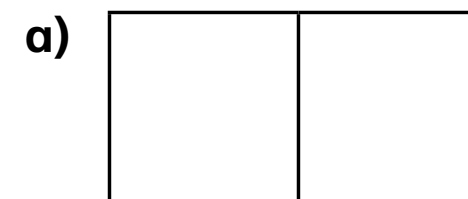
perimeter = 18 cm

side a =

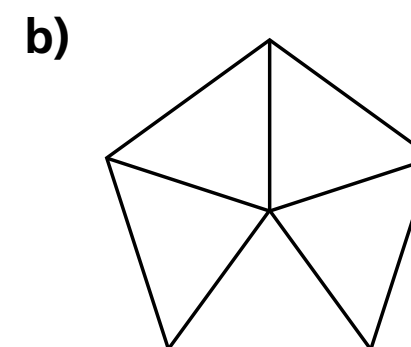
1 Match the part to the whole.



2 Complete the sentences.

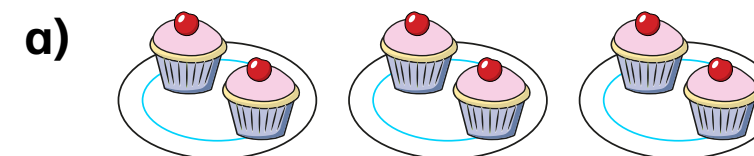


There are equal parts.



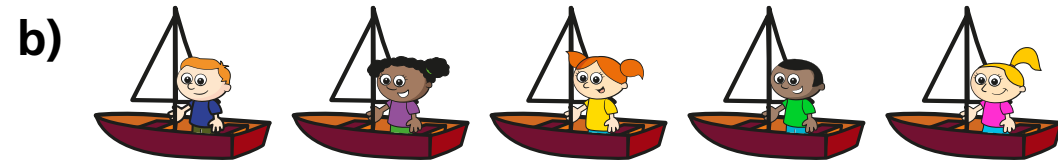
There are equal parts.

3 Complete the sentences.



There are equal groups.

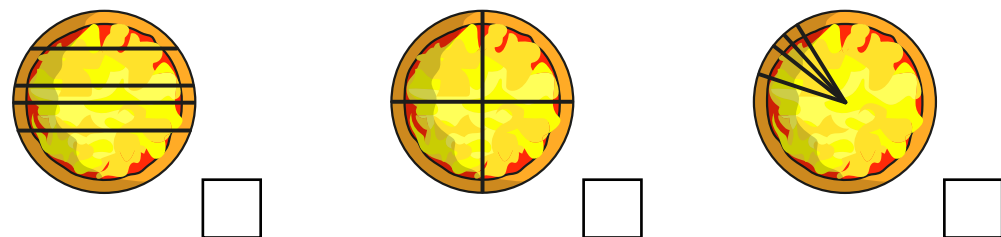
Each group has cakes.



There are equal groups.

Each group has child.

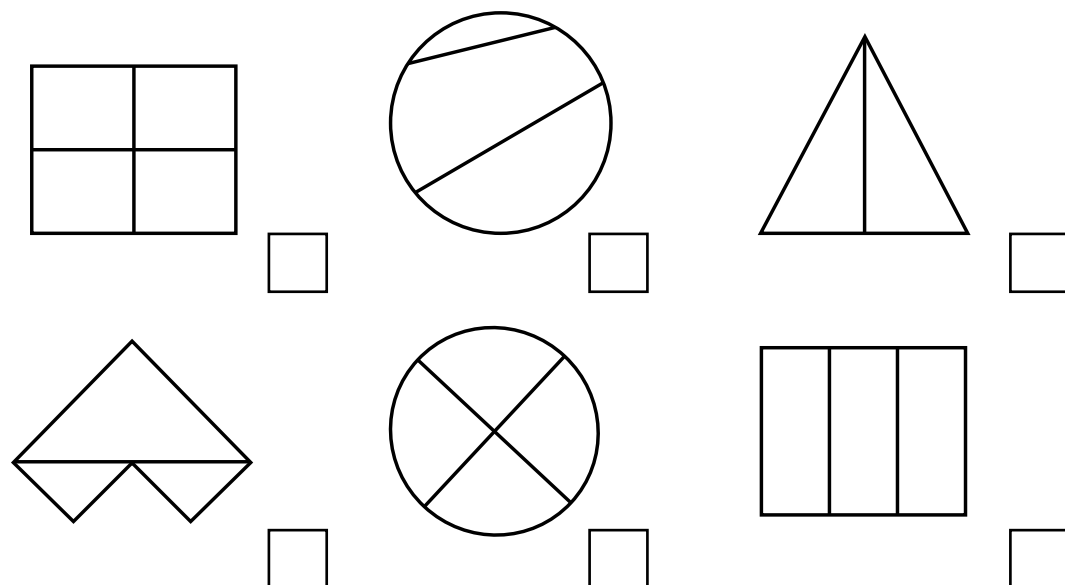
- 4 Tick the pizza that has been split into equal parts.



- 5 How do you know the loaf of bread is not in equal parts?



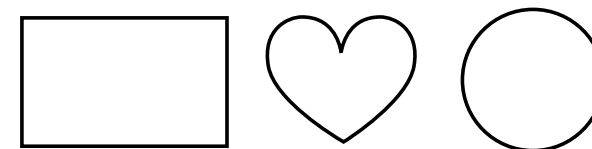
- 6 Tick the shapes that show equal parts.



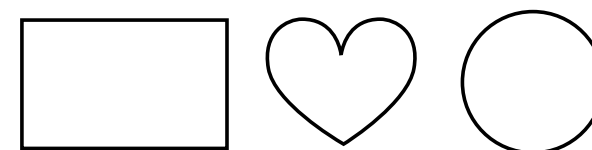
- 7 Take 12 counters.
- a) Show that you can make 2 equal groups.
- b) Show that you cannot make 5 equal groups.
- What other equal groups can you make?

- 8 Draw lines to split the shapes.

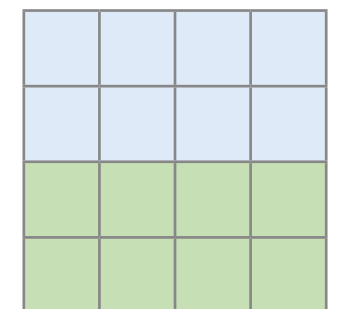
- a) Split each shape into 2 equal parts.



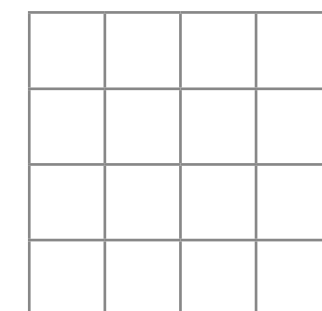
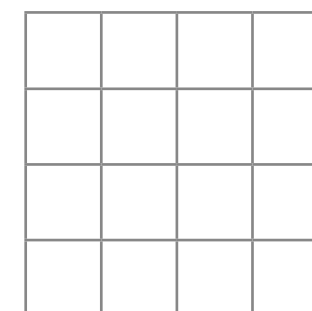
- b) Split each shape into 2 parts that are not equal.



- 9 Here is one way to colour the square to show equal parts.



Find two more ways to colour the square to show equal parts.



19.03.2021

Length and Perimeter



1 Measure the line with a ruler.



cm



1 mark

2 From the list, choose an appropriate unit of measure for the height of each object.

centimetres

metres

millimetres



Lighthouse

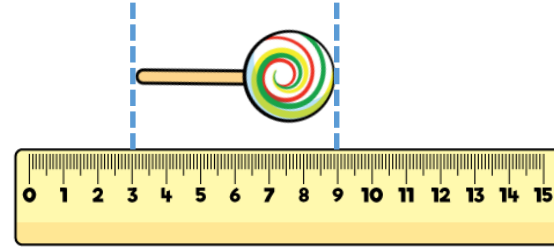


Tin of beans



2 marks

3 How long is the lollipop?



cm



1 mark

4 Match the equivalent measurements.
One has been done for you.

10 mm

2 m

1 m

100 mm

10 cm

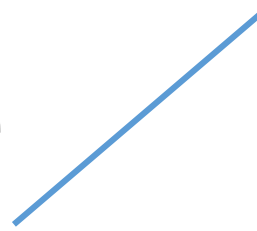
20 mm

200 cm

1 cm

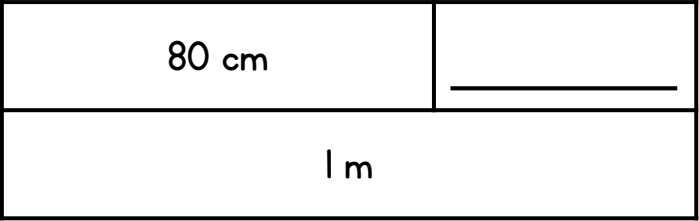
2 cm

100 cm



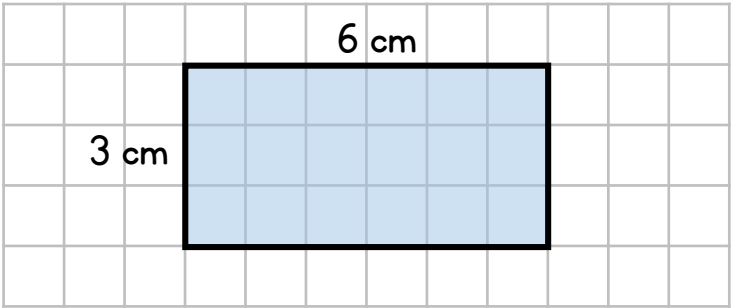
2 marks

5 Complete the bar model.



1 mark

6 Calculate the perimeter of the rectangle.
Write units with your answer.



2 marks

7 Write the lengths in order of size starting with the shortest.

1 m

16 cm

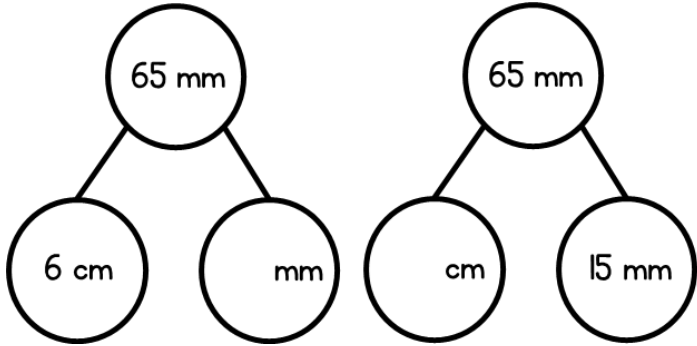
61 mm

_____ shortest _____ longest



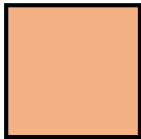
2 marks

8 Complete the part-whole model.

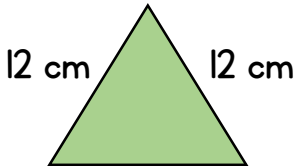


2 marks

9 The perimeter of the triangle is equal to the perimeter of the square.
What is the length of the square?



? cm



12 cm

_____ cm



2 marks

Circle how confident you feel with length & perimeter.

1 2 3 4 5
Not Very
confident confident