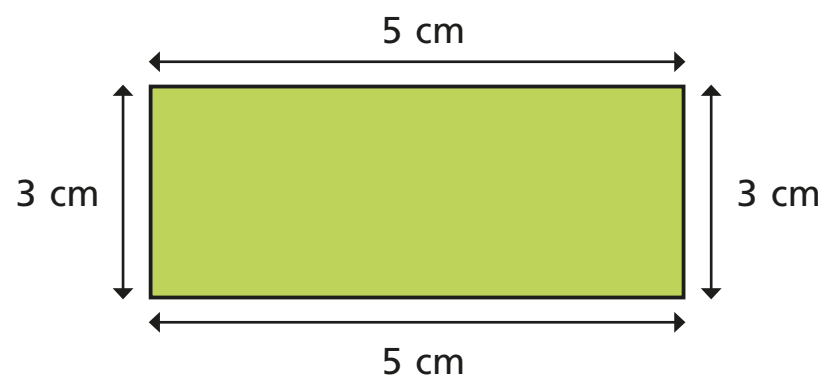


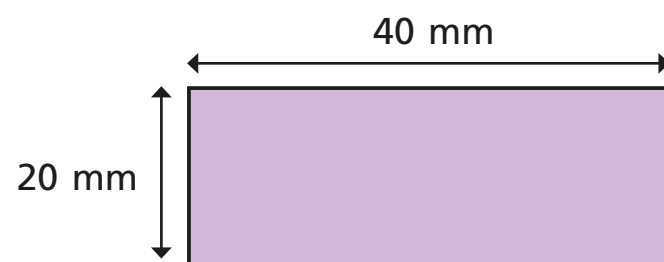
1 Work out the perimeter of each shape.

a)



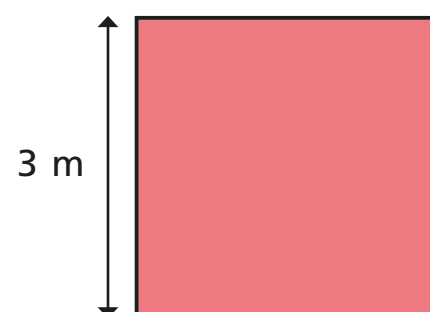
perimeter = 16 cm

b)



perimeter = 120 mm

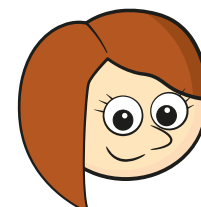
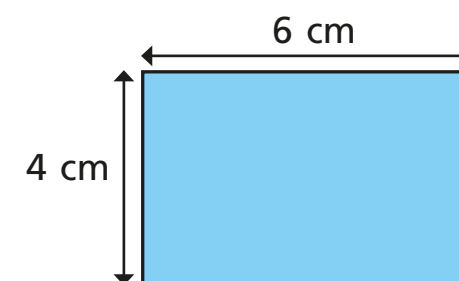
c)



perimeter = 12 m

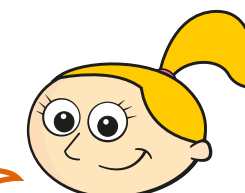
2

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.

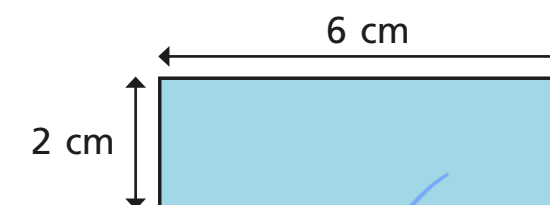
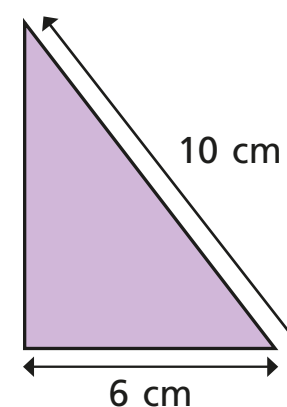
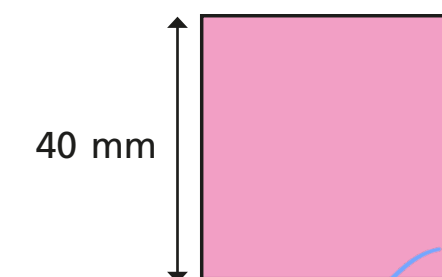
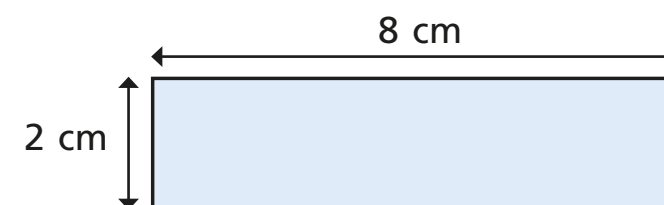
Who is correct? Eva

How do you know?

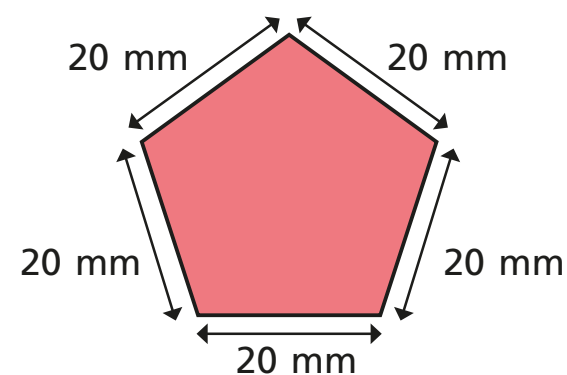
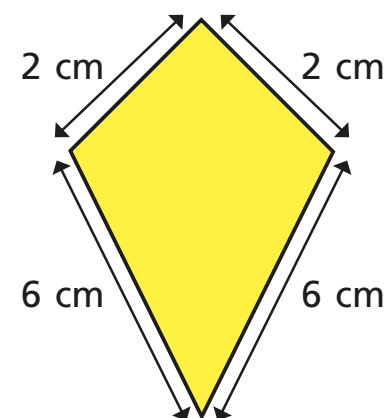
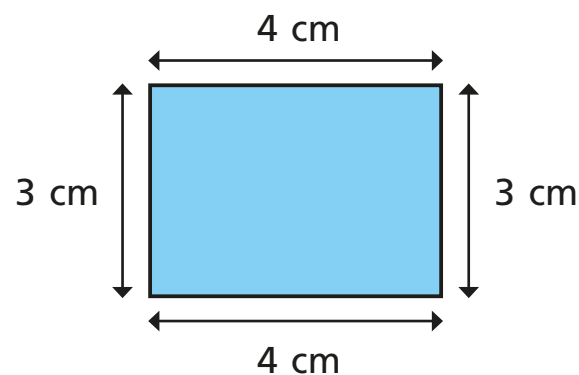
Rosie hasn't included the other two
sides.

3

Tick the shapes with a perimeter of 16 cm.

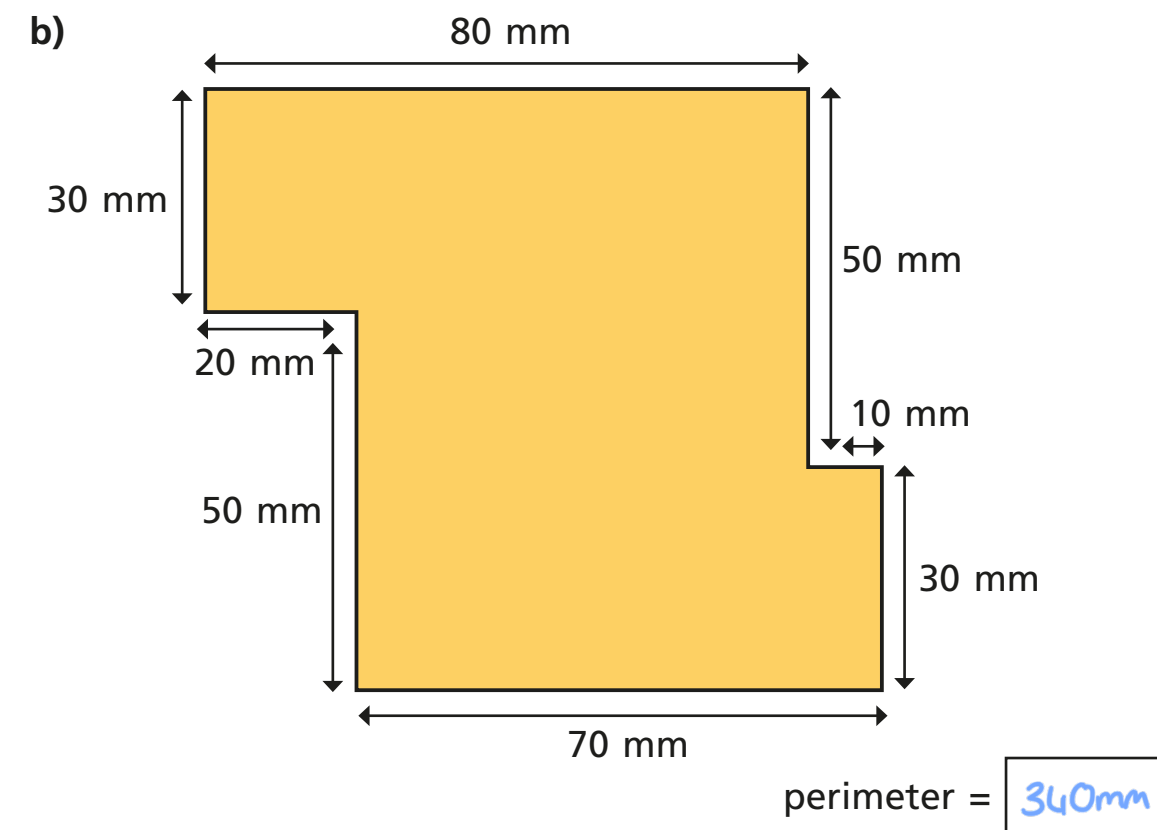
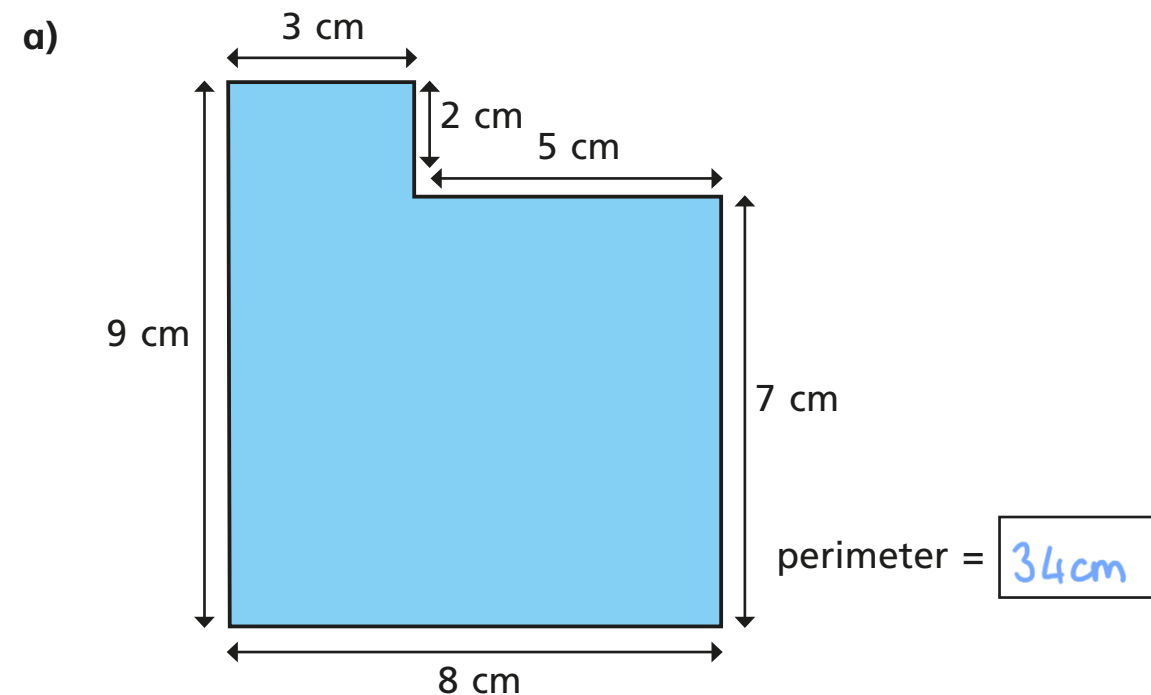


- 4 Which shape has the longest perimeter? Tick your answer.



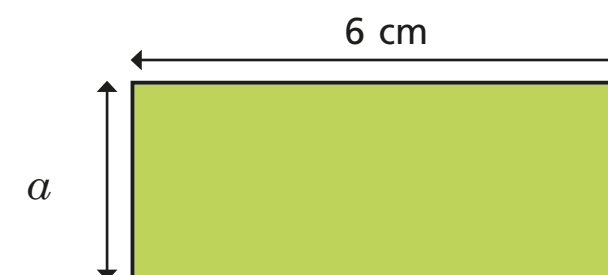
Show all your workings.

- 5 Work out the perimeter of these shapes.



What do you notice?

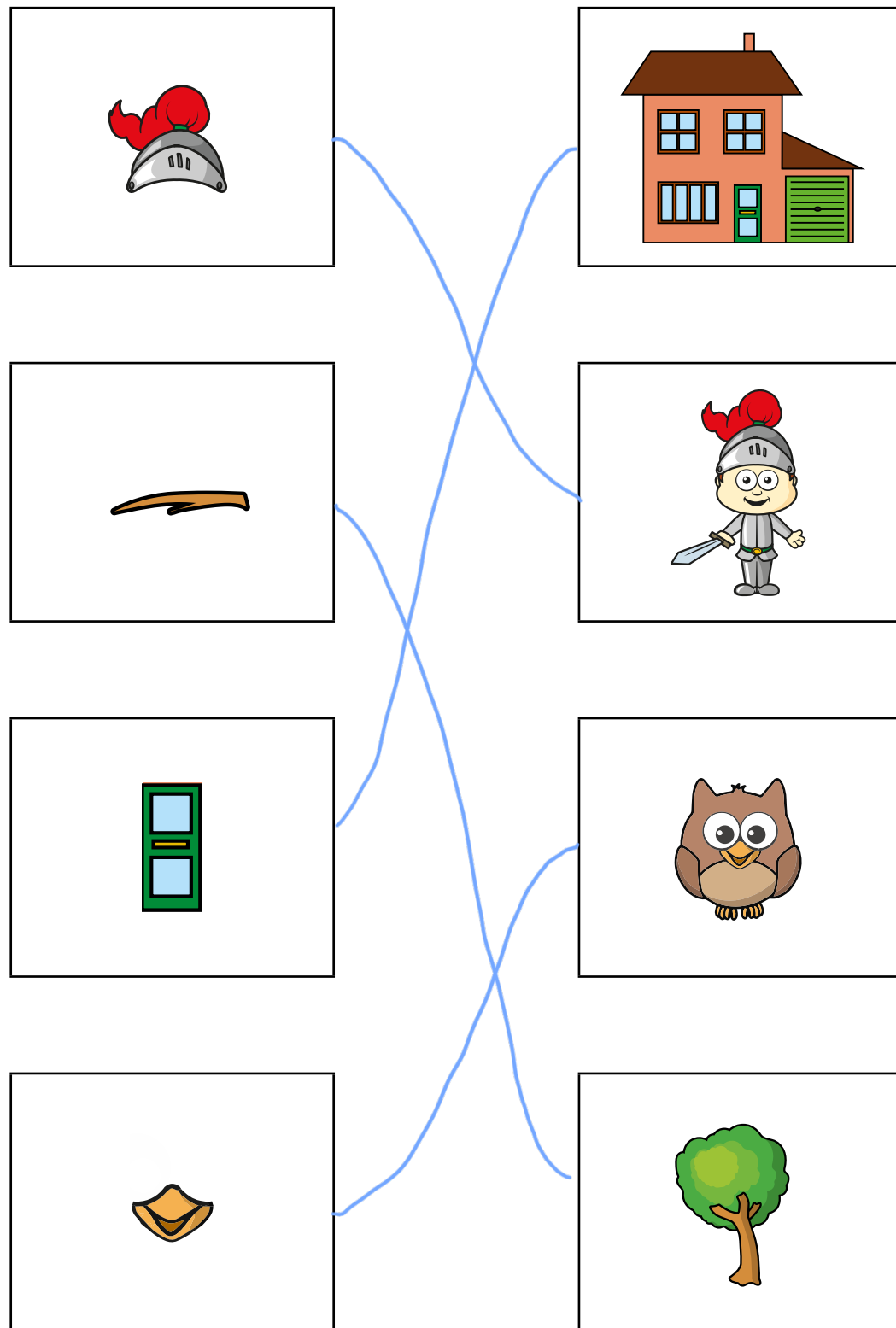
- 6 This rectangle has a perimeter of 18 cm.
Work out the length of side a .



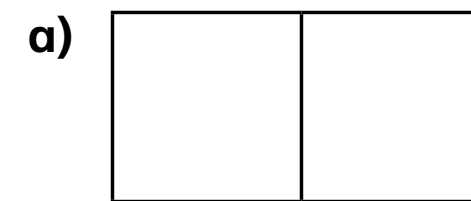
perimeter = 18 cm

side a = 3 cm

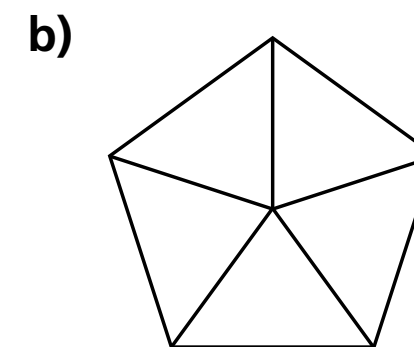
1 Match the part to the whole.



2 Complete the sentences.

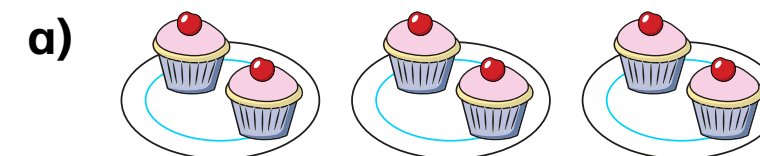


There are equal parts.



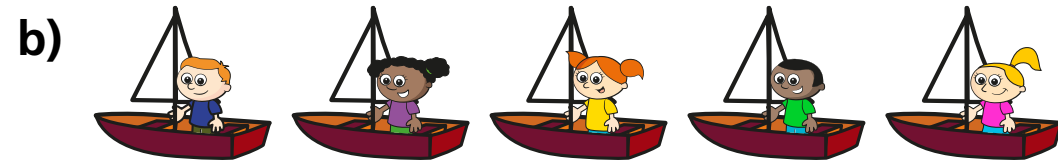
There are equal parts.

3 Complete the sentences.



There are equal groups.

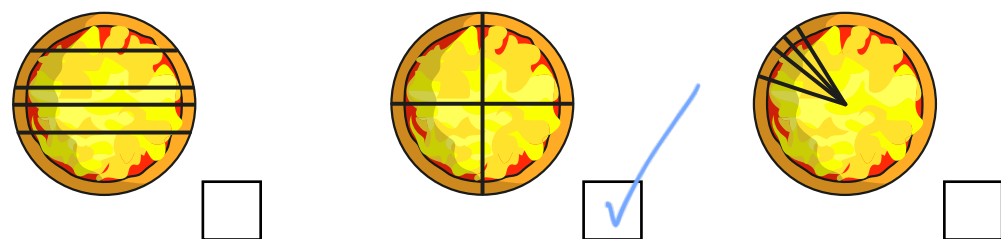
Each group has cakes.



There are equal groups.

Each group has child.

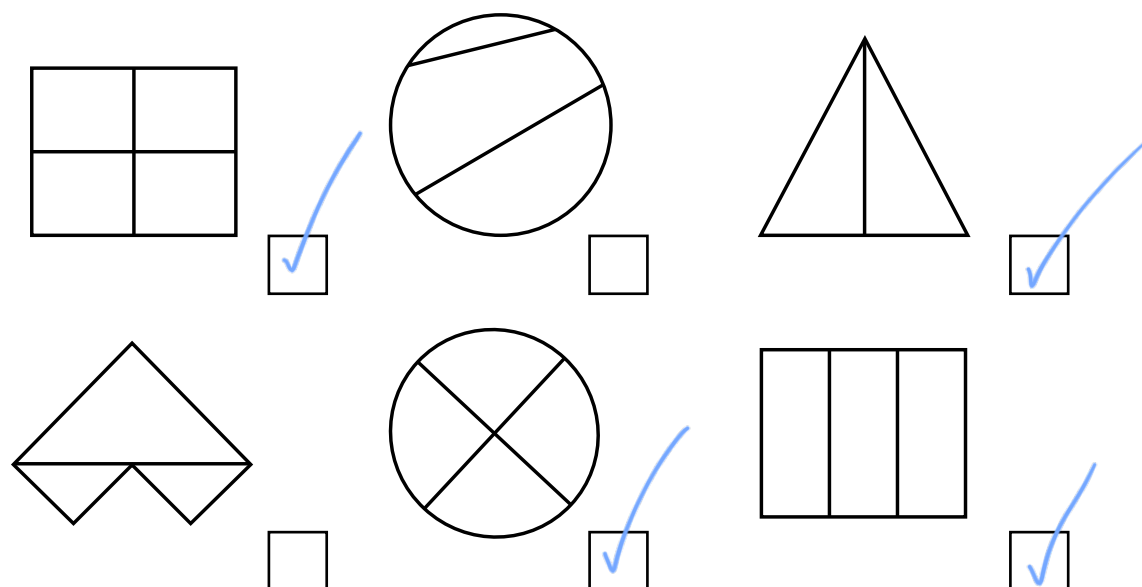
- 4 Tick the pizza that has been split into equal parts.



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



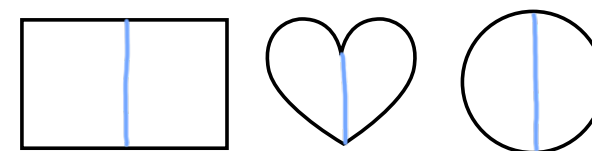
- 6 Tick the shapes that show equal parts.



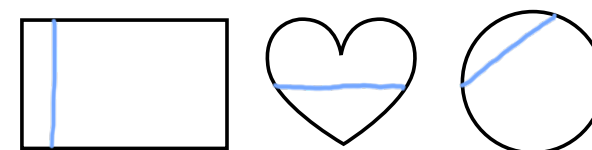
- 7 Take 12 counters.
- a) Show that you can make 2 equal groups.
- b) Show that you cannot make 5 equal groups.
What other equal groups can you make?

- 8 Draw lines to split the shapes.

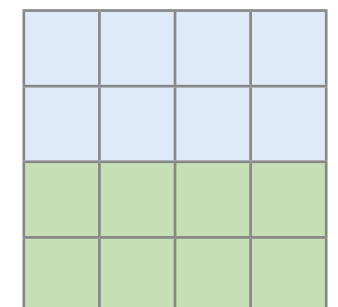
- a) Split each shape into 2 equal parts.



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

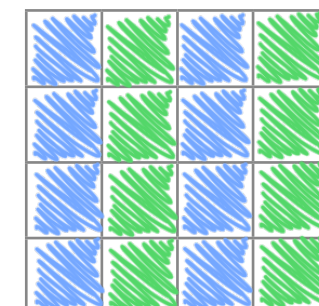
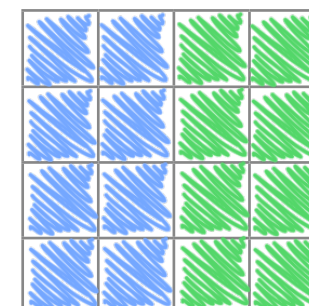


- 9 Here is one way to colour the square to show equal parts.



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

e.g.



19.03.2021

Length and Perimeter



- 1 Measure the line with a ruler.



7 cm



1 mark

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

centimetres

metres

millimetres



Lighthouse

metres



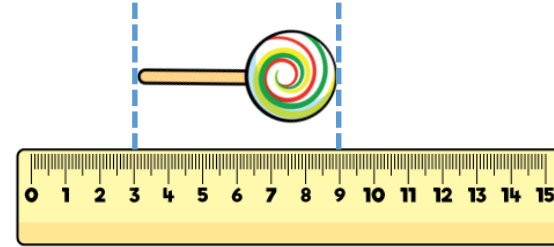
Tin of beans

centimetres



2 marks

- 3 How long is the lollipop?

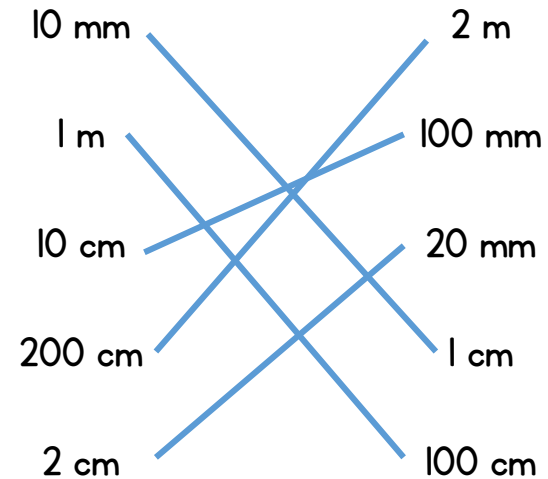


6 cm



1 mark

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

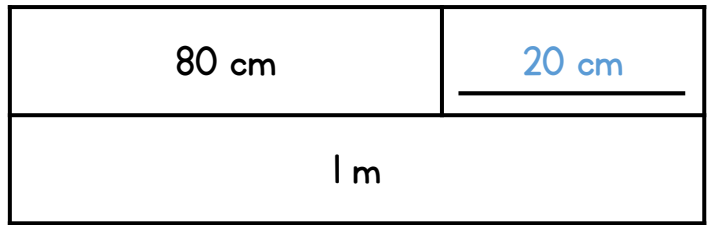


1 mark for 2 correct.



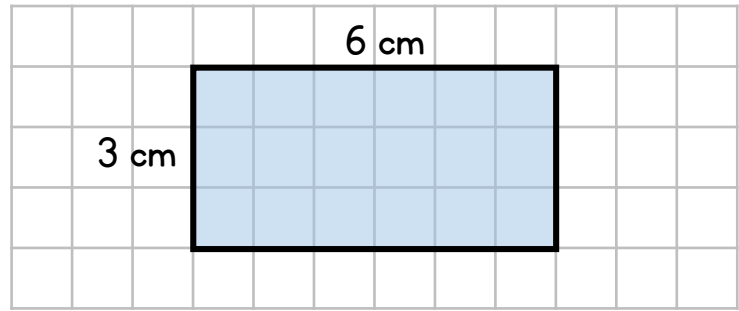
2 marks

5 Complete the bar model.



☐ 1 mark

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



1 mark for 18 with no units.
18 cm

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

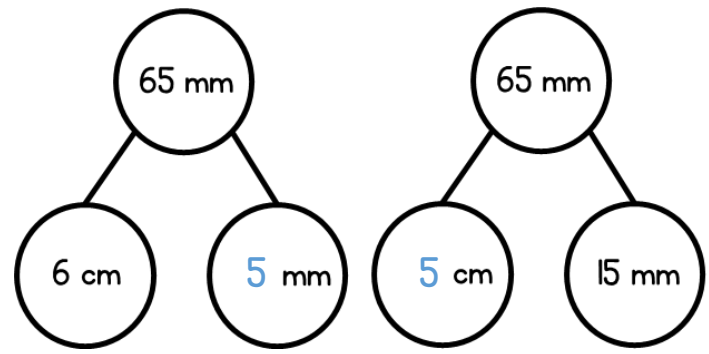
1 m 16 cm 61 mm

61 mm 16 cm 1 m

shortest → longest

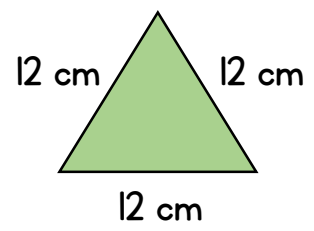
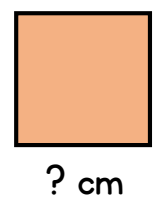
☐ 2 marks

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?



1 mark for perimeter of triangle is 36 cm.
9 cm

☐ 2 marks

Circle how confident you feel with length & perimeter.

1 2 3 4 5

Not confident Very confident