

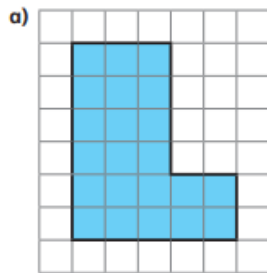
Good Morning Year 4s, Today's maths is on <https://whiterosemaths.com/homelearning/year-4> Look for Summer Term - Week 4 (w/c 11th May) - Lesson 3 and watch the video 'Perimeter of rectilinear shapes'. Have a go at the activity and the tricky challenge below. When you have finished, I have set a new challenge for you on Sumdog.

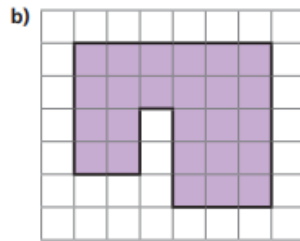


Perimeter of rectilinear shapes

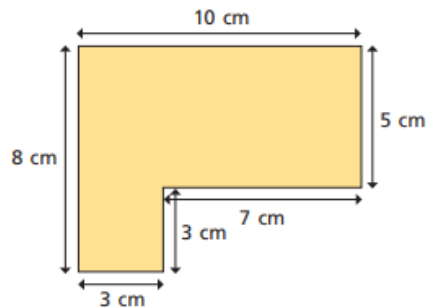


1 The length of each square on the grid is 1 cm.
Work out the perimeter of the shapes.

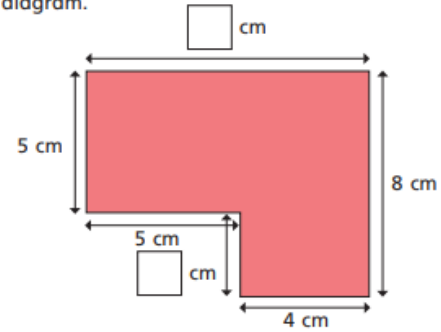




2 Work out the perimeter of the shape.

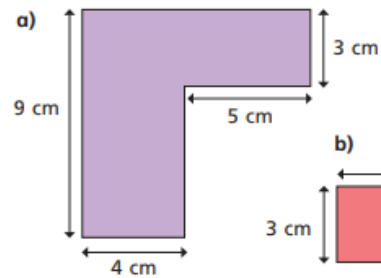


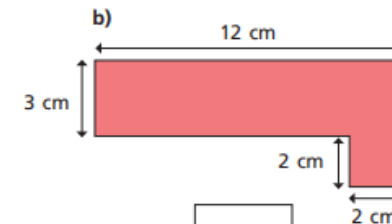
3 a) Work out the missing lengths and label them on the diagram.



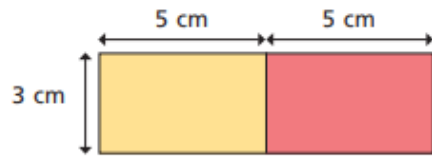
b) What is the perimeter of the shape?

4 Work out the perimeter of each shape.





5 Mo puts two 5 cm by 3 cm rectangles next to each other.



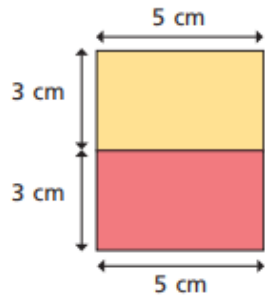
The perimeter of each small rectangle is 16 cm, so the perimeter of my larger rectangle must be $2 \times 16 \text{ cm} = 32 \text{ cm}$.

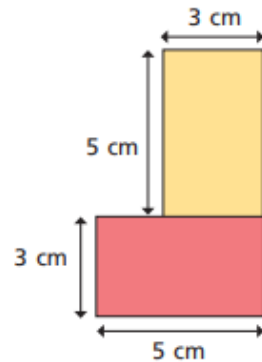
a) Is Mo correct? _____

Work out the perimeter of the larger rectangle to check your answer.

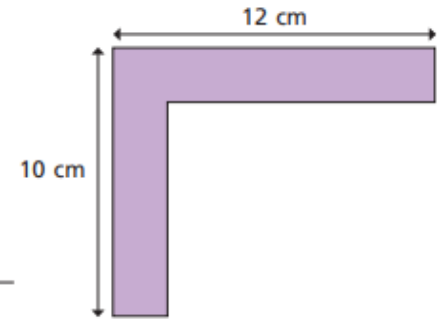
b) Mo puts the rectangles together in different ways.

Work out the perimeter of each large shape.





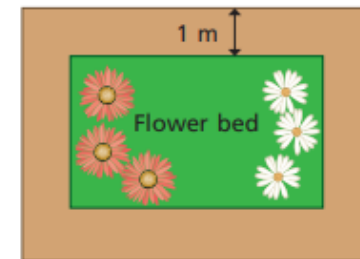
6 Dani thinks there isn't enough information to work out the perimeter of the shape.



Is Dani correct? _____

Explain your answer.

7 A rectangular flower bed is 5 m long and 3 m wide. The path around the flower bed is 1 m wide.



a) What is the perimeter of the flower bed?

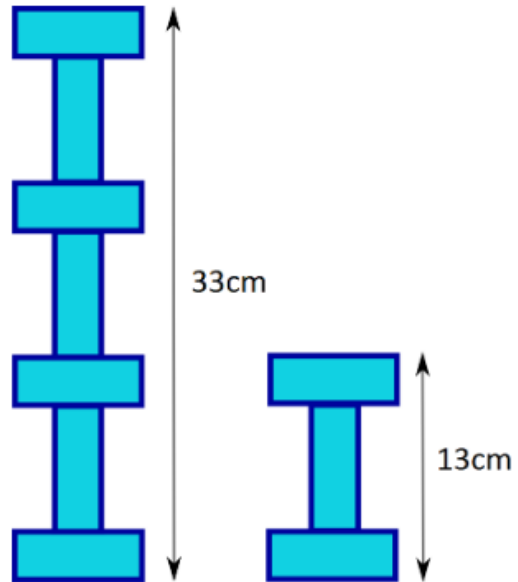
b) What is the perimeter of the outside of the path?

Perimeter Challenge

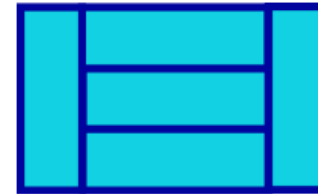
In each of the following problems, work out the perimeter of one small rectangle:



(a)



(b)



Area of whole rectangle
= 60cm^2