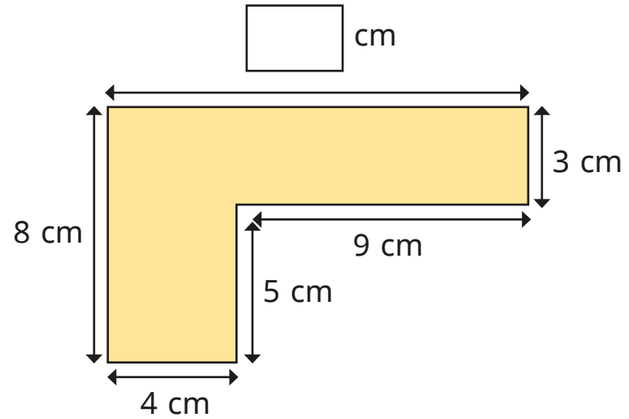
Calculate the perimeter of rectilinear shapes

White Rose MATHS

1 Work out the missing lengths and label them on the diagrams.

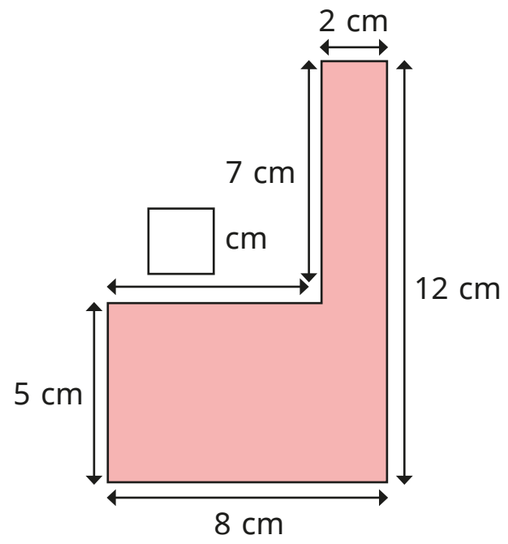
Work out the perimeter of each shape.

a)



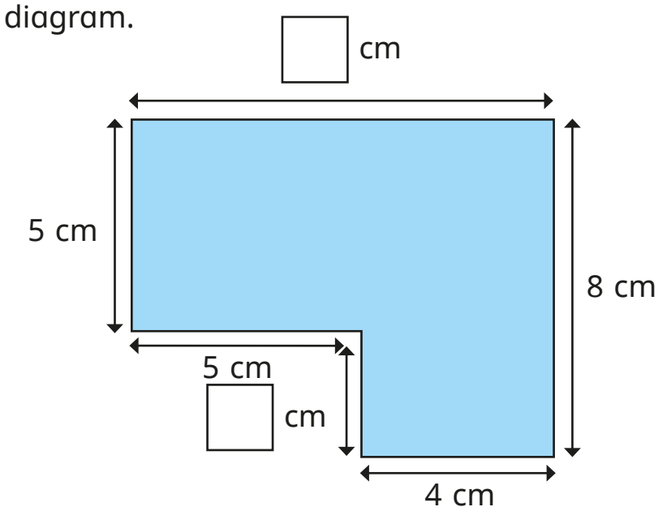
cm

b)



cm

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

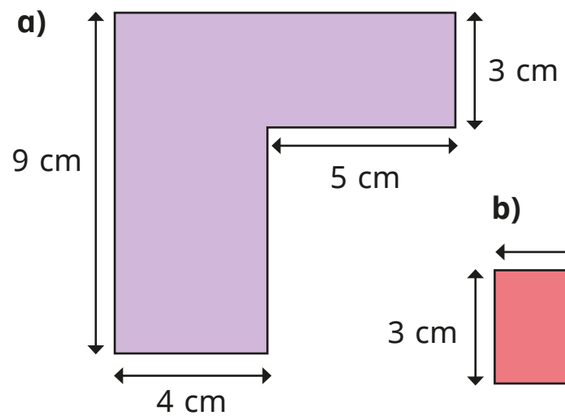


b) What is the perimeter of the shape?

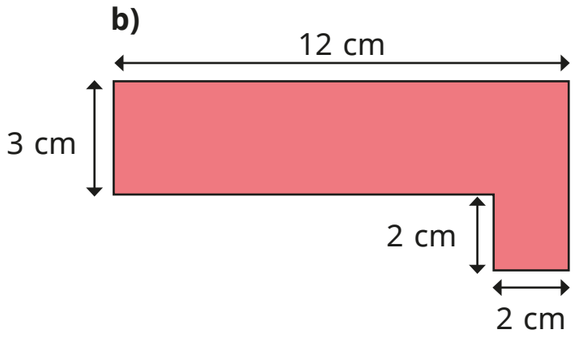
cm

3 Work out the perimeter of each shape.

a)



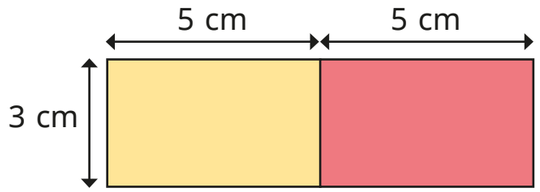
b)

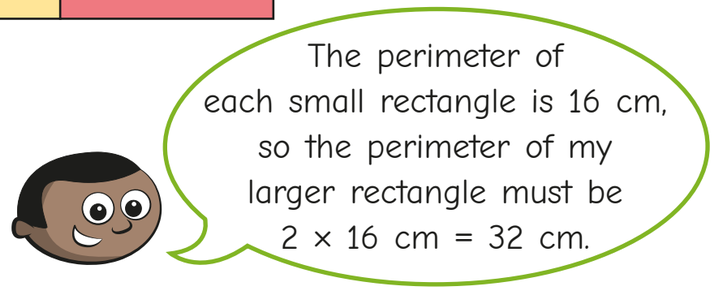


cm

cm

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





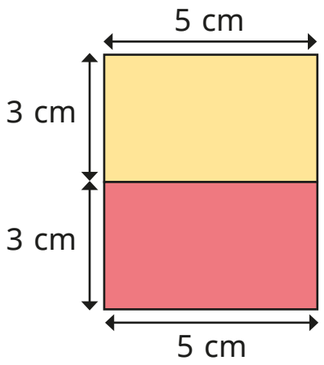
a) Is Mo correct? _____

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

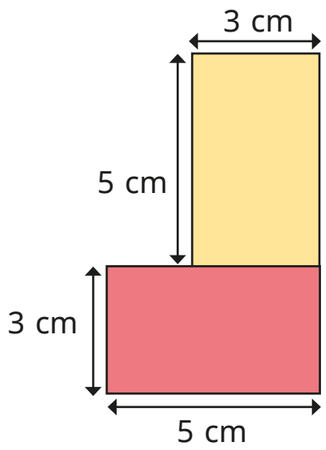
☐ cm

b) Mo puts the rectangles together in different ways.

Work out the perimeter of each large shape.

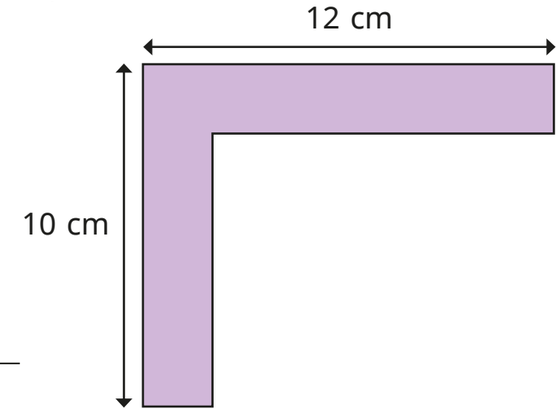


☐ cm



☐ cm

5 Dani thinks that there is not enough information to work out the perimeter of the shape.

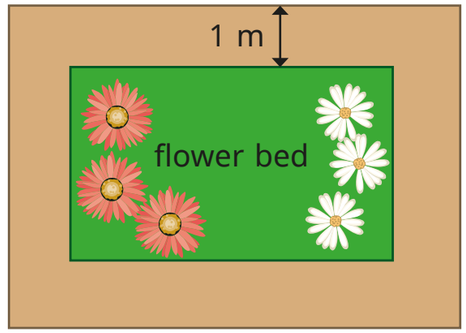


Is Dani correct? _____

Explain your answer.

6 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?

☐ m

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

☐ m