

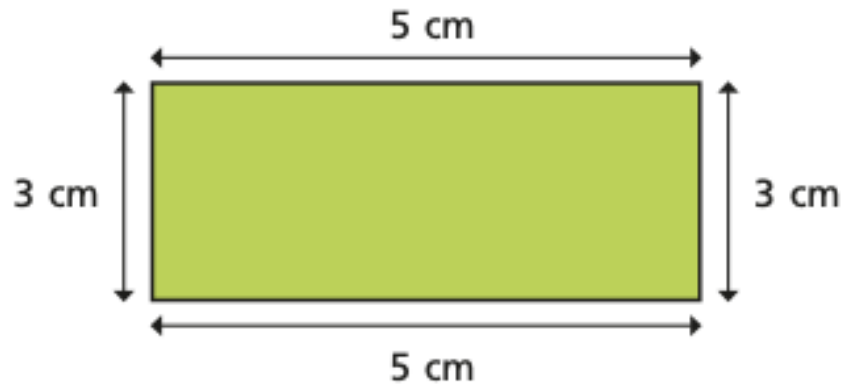
03/03/2021

L/O: To be able to calculate the perimeter of a 2D shape

Challenge 1:

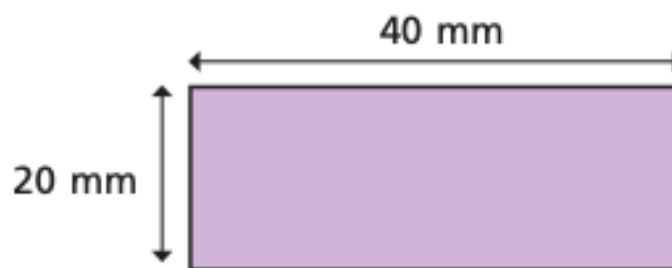
I Work out the perimeter of each shape.

a)



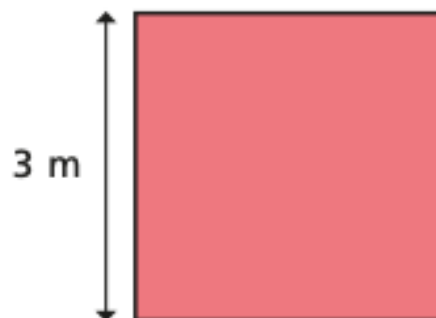
perimeter = cm

b)



perimeter = mm

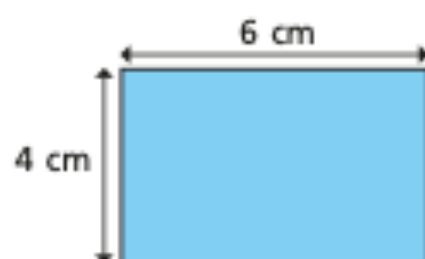
c)



perimeter = m

Challenge 2:

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



Rosie

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



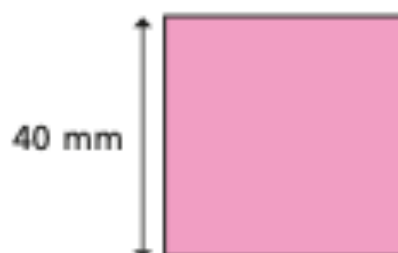
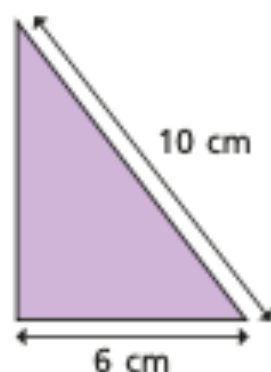
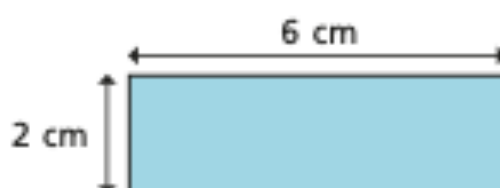
Eva

The perimeter is
20 cm.

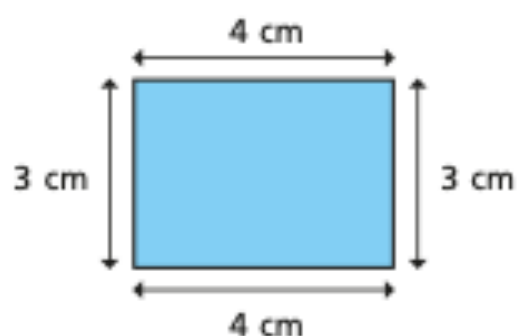
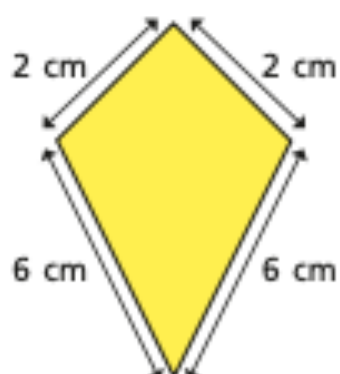
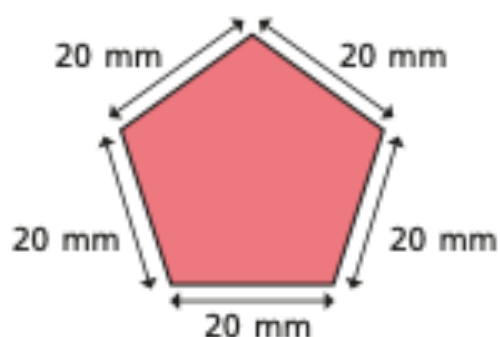
Who is correct? _____

How do you know?

- 3 Tick the shapes with a perimeter of 16 cm.

☐☐☐☐

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

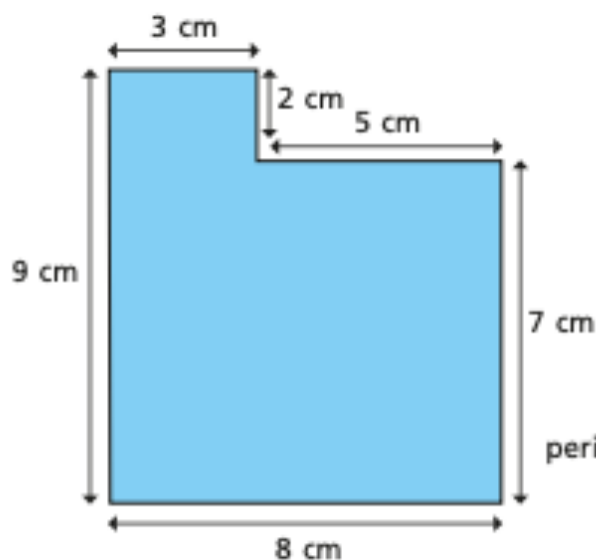
☐☐☐

Show all your workings.

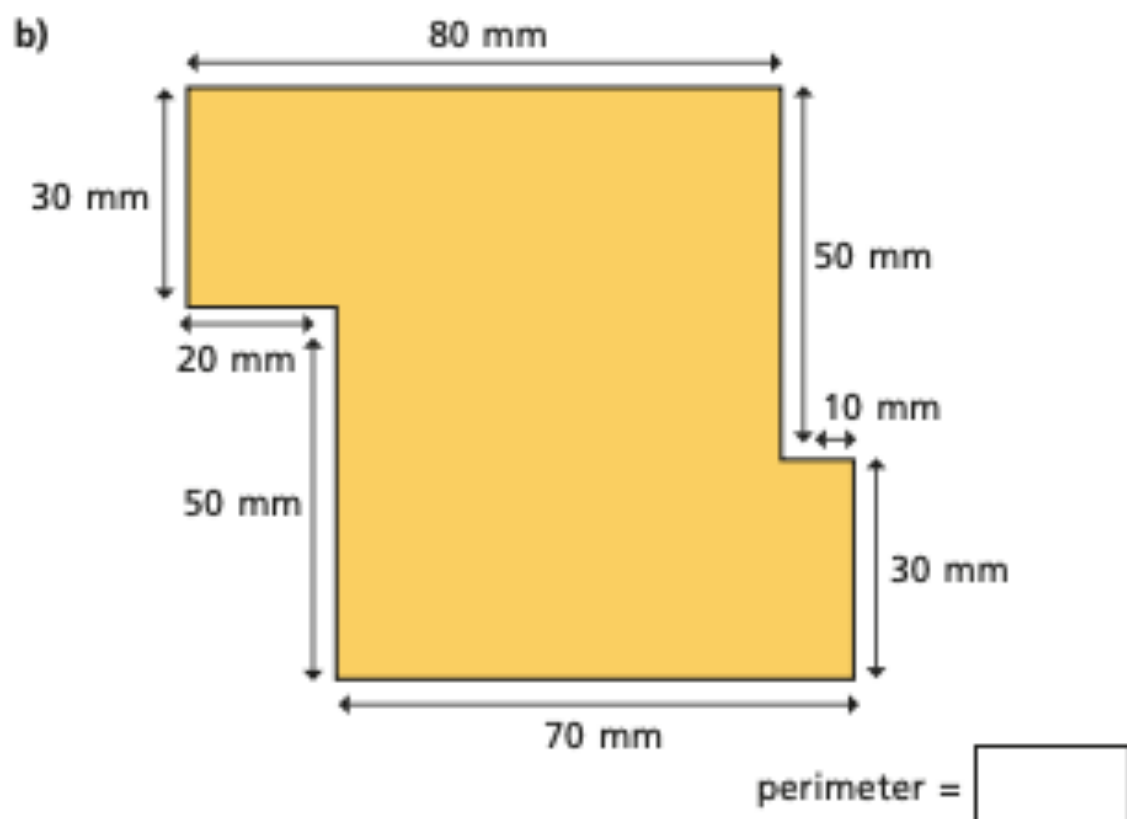
Challenge 3:

- 5 Work out the perimeter of these shapes.

a)

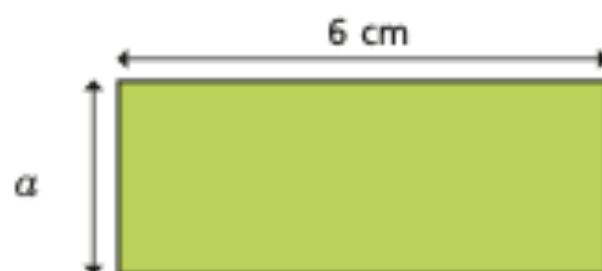


perimeter =



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 =

Extra Hot challenges: 🌶️🌶️🌶️

Teddy says,



You only need to know the length of one side of these 2-D shapes to work out the perimeter.



Do you agree with Teddy?
Explain your answer.



Each side of this shape is of equal length.
The perimeter is 60 cm.
How long is each side?