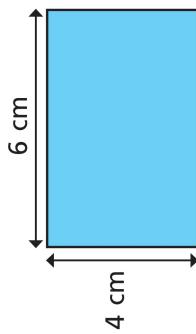


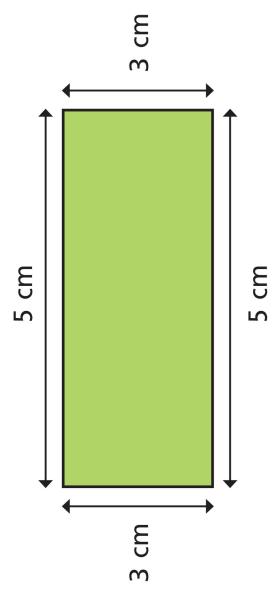
## Calculate perimeter



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

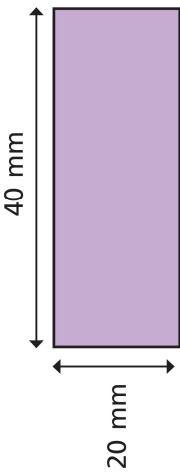


1 Work out the perimeter of each shape.



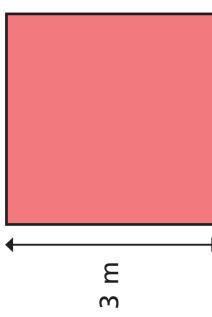
$$\text{perimeter} = \boxed{16} \text{ cm}$$

a)



$$\text{perimeter} = \boxed{120} \text{ mm}$$

b)



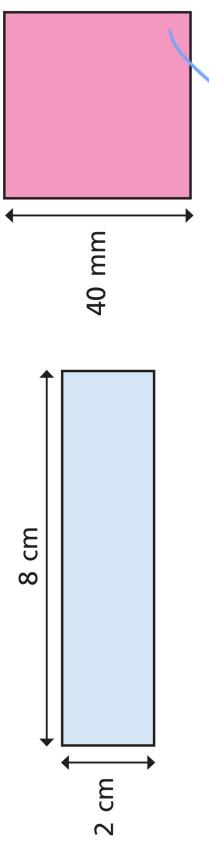
$$\text{perimeter} = \boxed{12} \text{ m}$$

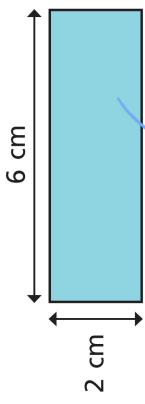
c)

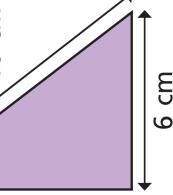
Who is correct? Eva  
How do you know?

Rosie hasn't included the other two sides.

3 Tick the shapes with a perimeter of 16 cm.

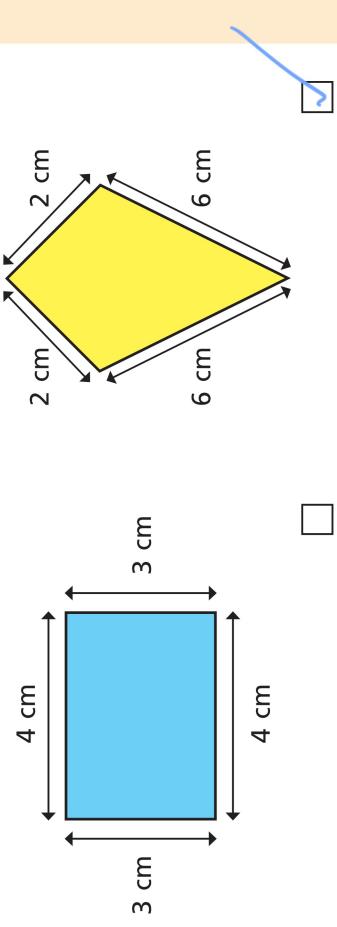






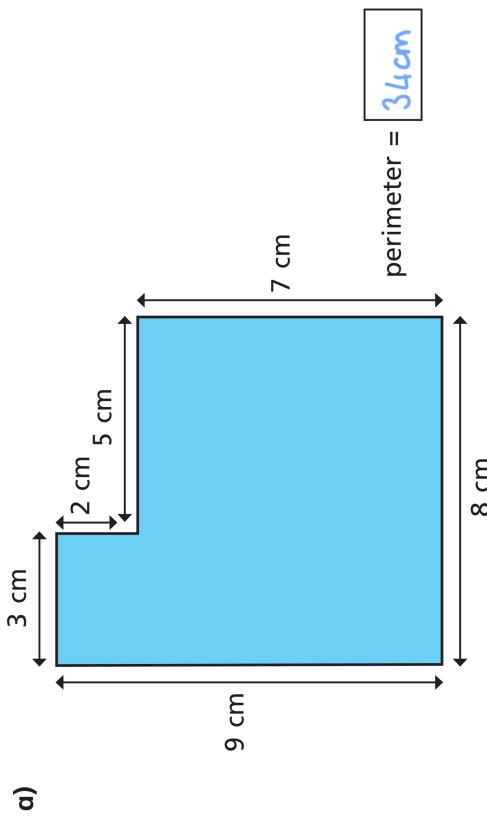


4) Which shape has the longest perimeter? Tick your answer.

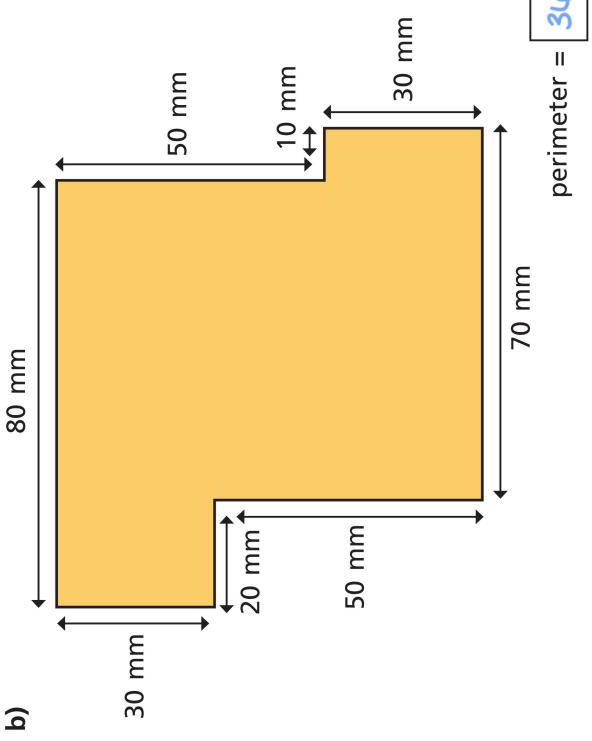


Show all your workings.

5) Work out the perimeter of these shapes.



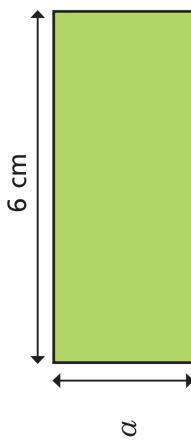
b)



What do you notice?

6) This rectangle has a perimeter of 18 cm.

Work out the length of side  $a$ .



$$\text{perimeter} = 18 \text{ cm}$$

$$\text{side } a = \boxed{3 \text{ cm}}$$