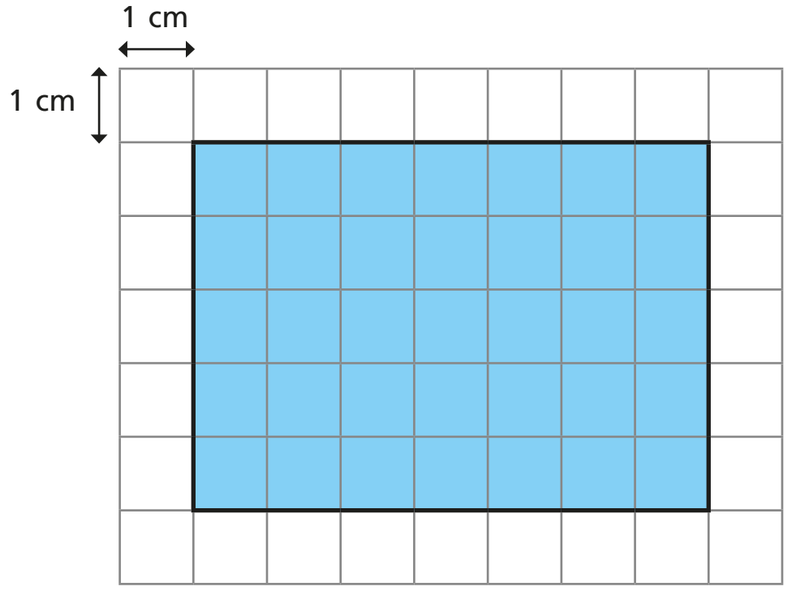
Perimeter of a rectangle

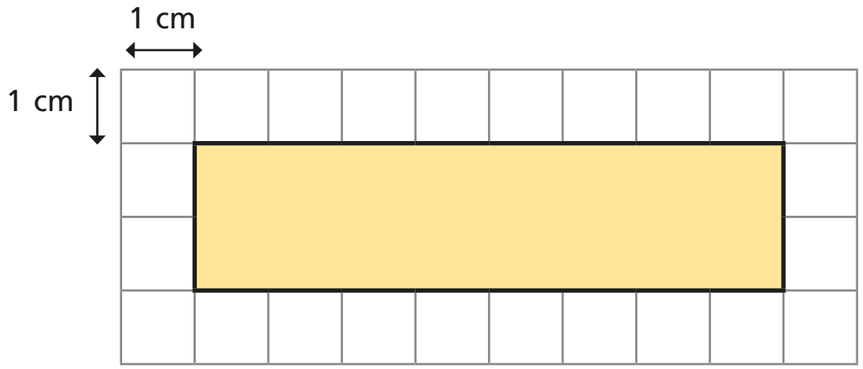
1 Work out the perimeter of each rectangle.

a)



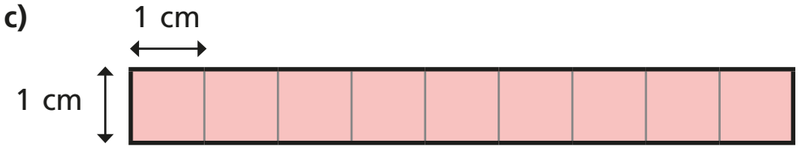
5 cm + 7 cm + 5 cm + 7 cm = 24 cm

b)



2 cm + 8 cm + 2 cm + 8 cm = 20 cm

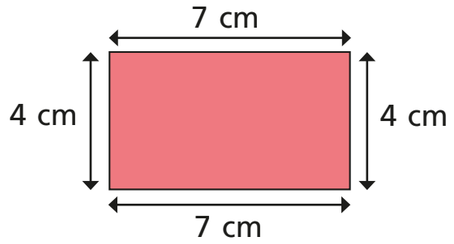
c)



1 cm + 9 cm + 1 cm + 9 cm = 20 cm

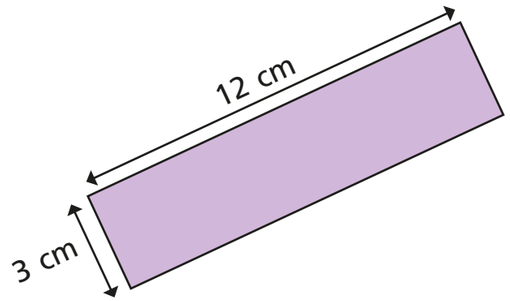
2 Work out the perimeter of the rectangles.

a)



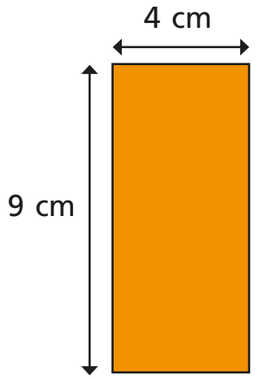
22cm

b)



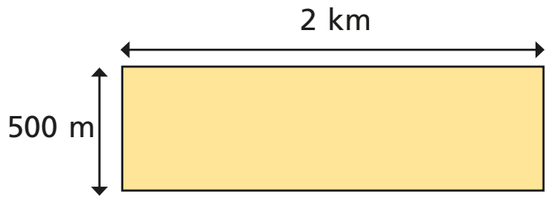
30cm

c)



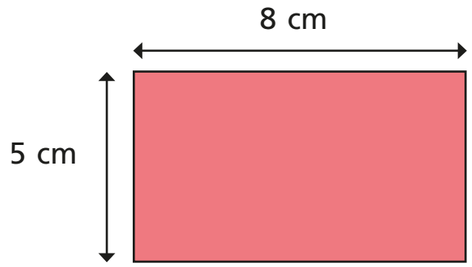
26cm

d)



5km

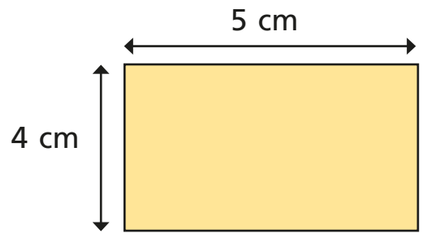
3 Tommy is working out the perimeter of some rectangles.



8 cm + 5 cm = 13 cm
13 cm × 2 = 26 cm

Use Tommy's method to find the perimeter of these rectangles.

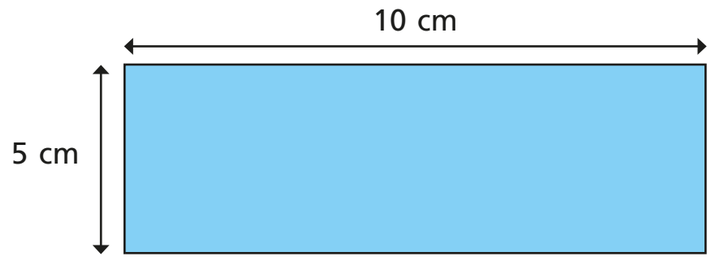
a)



5 cm + 4 cm = 9 cm

9 cm × 2 = 18 cm

b)

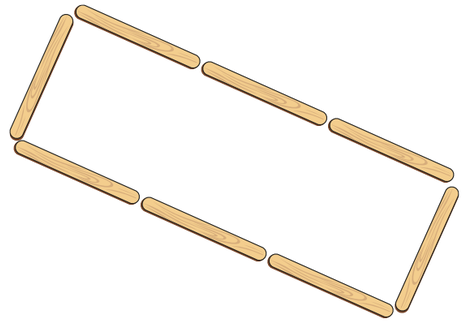


10 cm + 5 cm = 15 cm

15 cm × 2 = 30 cm

4 Each lolly stick is 8 cm long.

Find the perimeter of the shape.

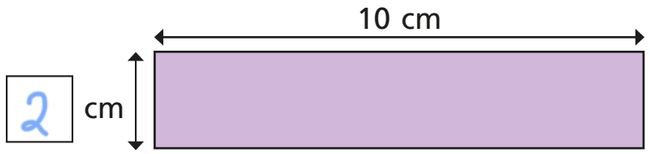


64 cm

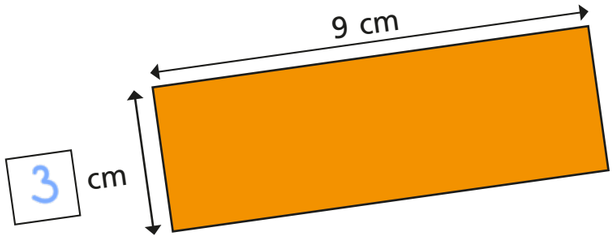
5 Each of these rectangles has a perimeter of 24 cm.

Work out the missing lengths and label the diagrams.

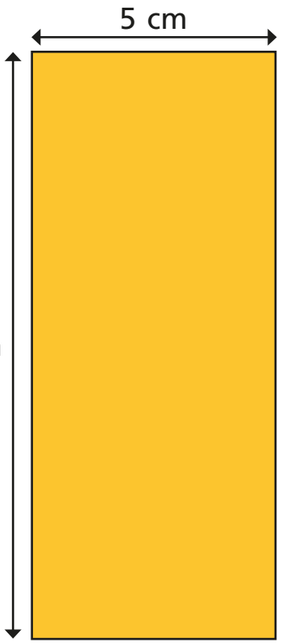
a)



b)



c)



What do you notice?

Find any other rectangles that have the same perimeter.