Can I find the perimeter of a rectangle?

Year 4 Tuesday 9th February 2021

Watch the video

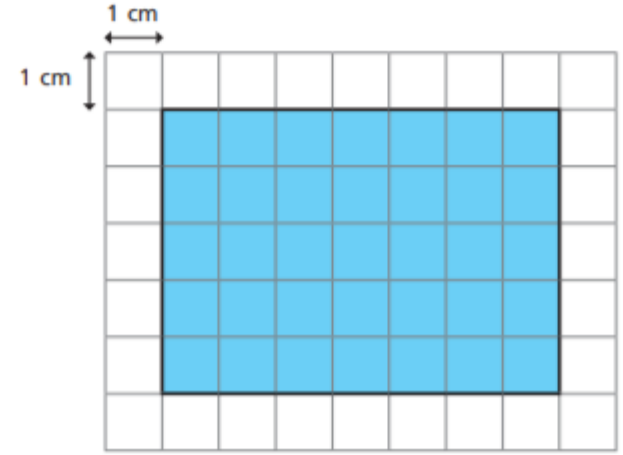
- https://vimeo.com/470606504

- Now complete the questions on the next slides

Perimeter of a rectangle

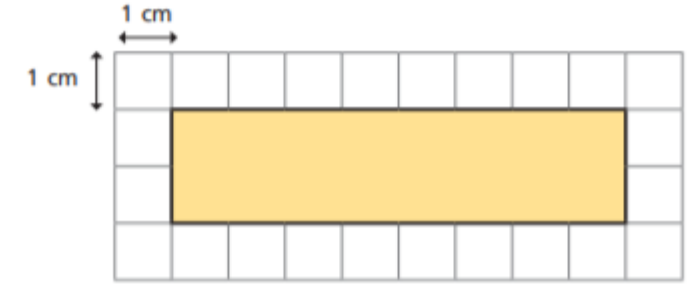
1 Work out the perimeter of each rectangle.

a)



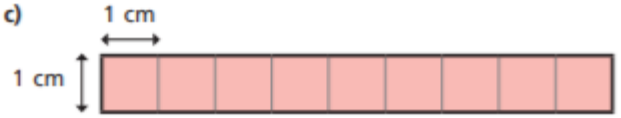
☐ cm + ☐ cm + ☐ cm + ☐ cm = ☐ cm

b)



☐ cm + ☐ cm + ☐ cm + ☐ cm = ☐ cm

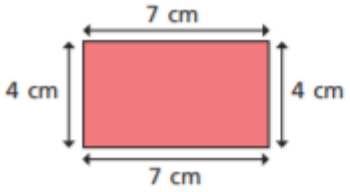
c)



☐ cm + ☐ cm + ☐ cm + ☐ cm = ☐ cm

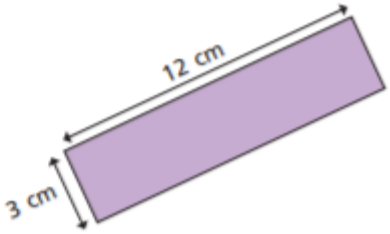
2 Work out the perimeter of the rectangles.

a)



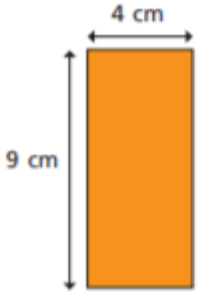
☐

b)



☐

c)

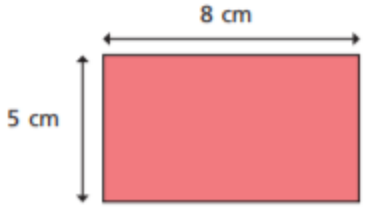


☐

d)

☐

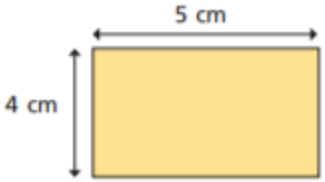
3 Tommy is working out the perimeter of some rectangles.



8 cm + 5 cm = 13 cm
13 cm × 2 = 26 cm

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

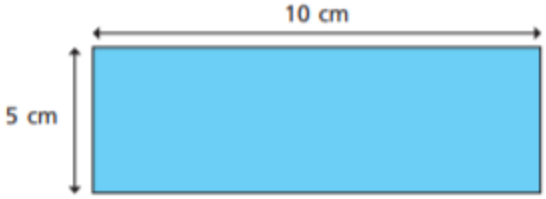
a)



☐ cm + ☐ cm = ☐ cm

☐ cm × 2 = ☐ cm

b)

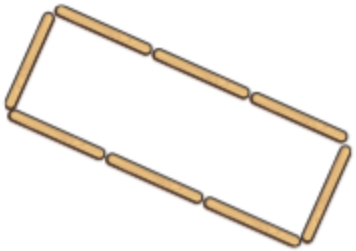


☐ cm + ☐ cm = ☐ cm

☐ cm × 2 = ☐ cm

4 Each lolly stick is 8 cm long.

Find the perimeter of the shape.

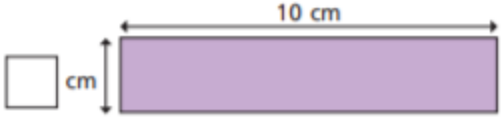


☐

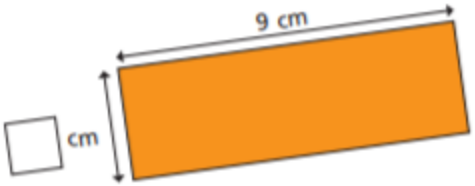
5 Each of these rectangles has a perimeter of 24 cm.

Work out the missing lengths and label the diagrams.

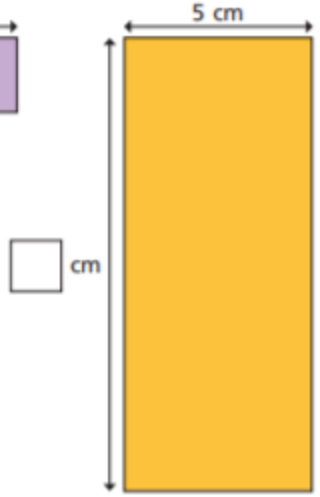
a)



b)



c)



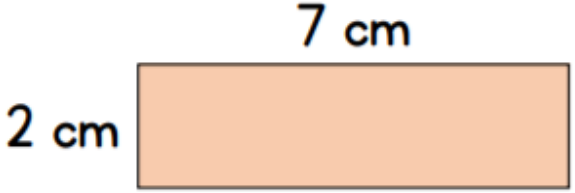
What do you notice?

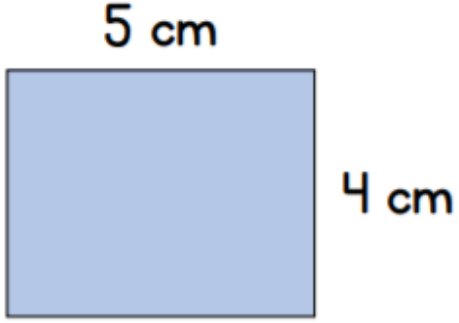
Find any other rectangles that have the same perimeter.

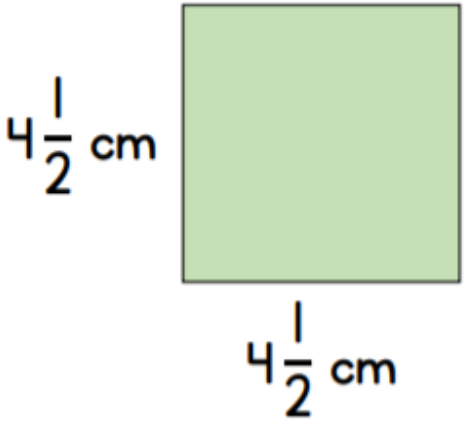
True or False?

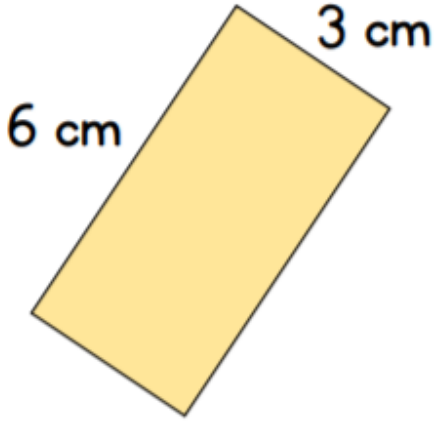
Perimeter of a rectangle

Each of the rectangles have the same perimeter.









White Rose Maths

What do you notice? Can you spot the pattern?

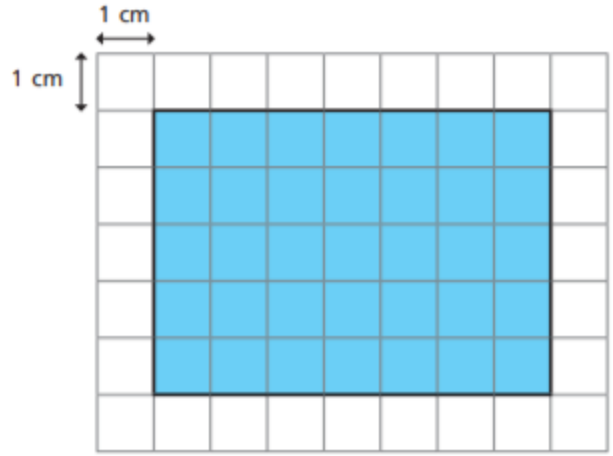
ANSWER sheets

- Please check your answers using the answer sheets on the next slide.
- If you have made a mistake, can you explain what you did wrong and what you should have done instead?

Perimeter of a rectangle

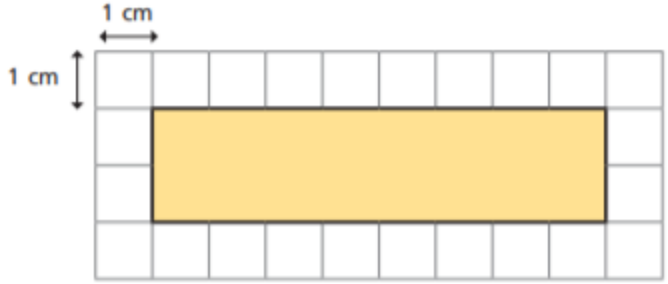
1 Work out the perimeter of each rectangle.

a)



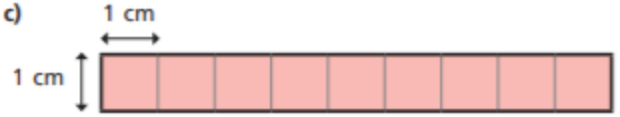
5 cm + 7 cm + 5 cm + 7 cm = 24 cm

b)



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

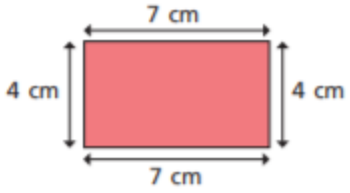
c)



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

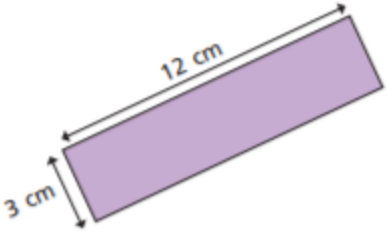
2 Work out the perimeter of the rectangles.

a)



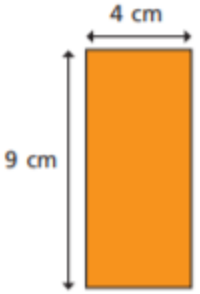
22cm

b)



30cm

c)

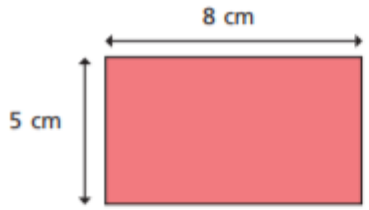


26cm

d)

5km

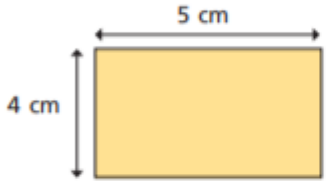
3 Tommy is working out the perimeter of some rectangles.



8 cm + 5 cm = 13 cm
13 cm × 2 = 26 cm

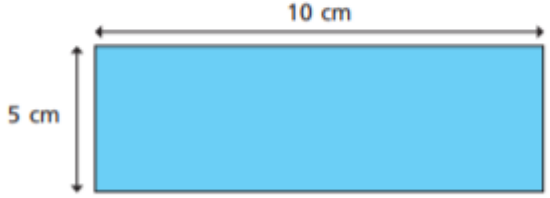
Use Tommy's method to find the perimeter of these rectangles.

a)



5 cm + 4 cm = 9 cm
9 cm × 2 = 18 cm

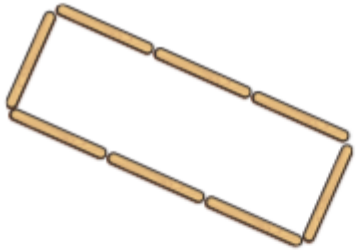
b)



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.

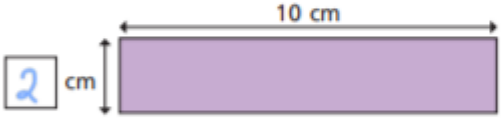


64cm

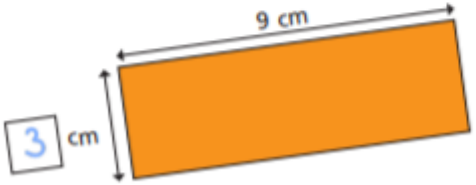
5 Each of these rectangles has a perimeter of 24 cm.

Work out the missing lengths and label the diagrams.

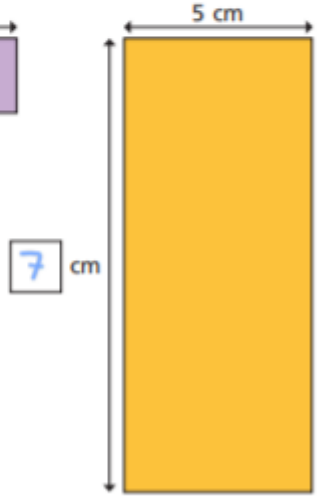
a)



b)



c)



What do you notice?

Find any other rectangles that have the same perimeter.

True or False?

True

Each of the rectangles has a perimeter of 18 cm.

Did you get it right?