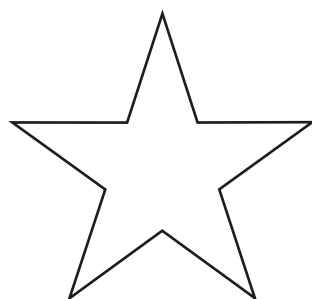


# What is perimeter?

- 1 Which shape has a perimeter?

Tick your answer.



Explain your reasons to a partner.



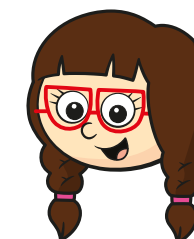
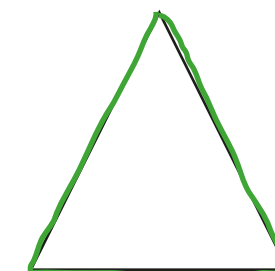
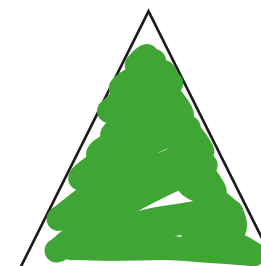
- 2 a) Draw a shape that does not have a perimeter.

- b) Draw a shape that does have a perimeter.

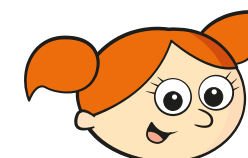
- 3 Max, Jo and Alex are trying to show what perimeter is.



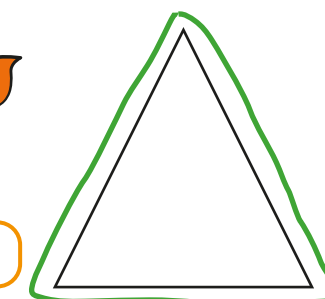
Max



Jo



Alex

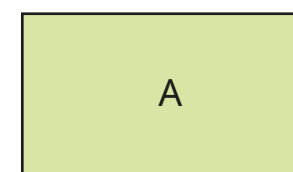


Who do you agree with?

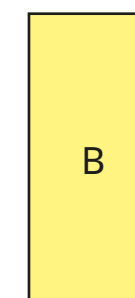
What mistakes have the others made?

\_\_\_\_\_

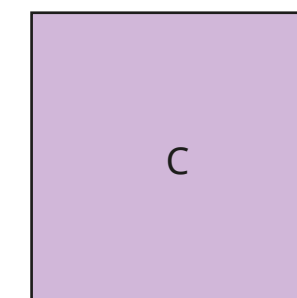
- 4 Here are some 2-D shapes.



A



B

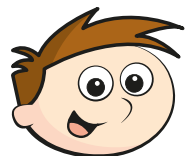


C

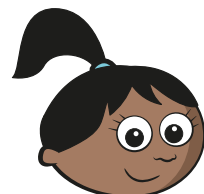
a) Which shape has the smallest perimeter? \_\_\_\_\_

b) Which shape has the greatest perimeter? \_\_\_\_\_

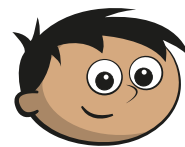
5 Three children are working out the perimeter of a shape.



Teddy



Sam



Amir

		14	1	2
11	12	13		3
10				4
9	8	7	6	5

			1	
	8	9		2
7				3
	6	5	4	

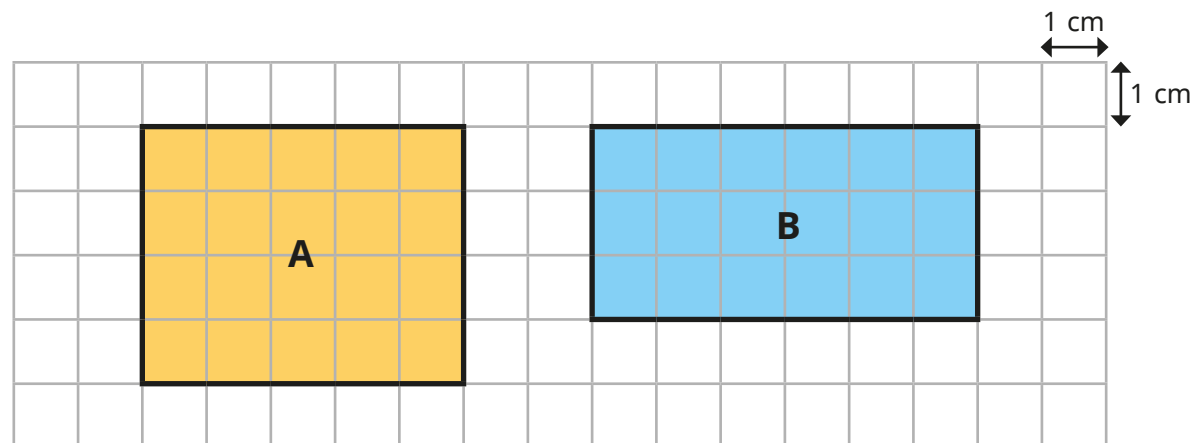
			1	
	8	9		2
7				3
	6	5	4	

Who is correct?

What mistakes have the other children made?



6 Work out the perimeters of the shapes.



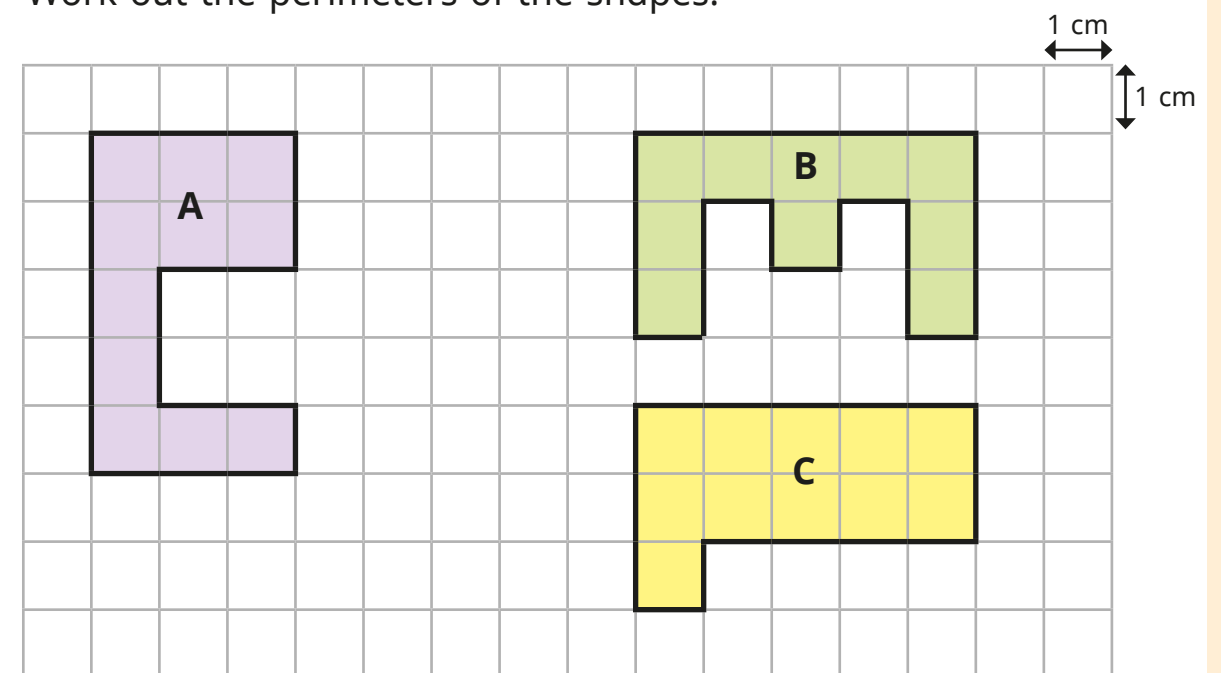
perimeter of A =  cm

perimeter of B =  cm

What do you notice?



7 Work out the perimeters of the shapes.

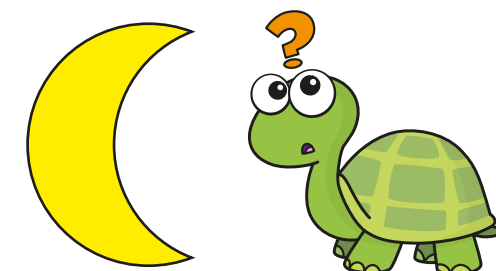


perimeter of A =  cm

perimeter of B =  cm

perimeter of C =  cm

8 Tiny wants to find the perimeter of the shape.



a) What method could Tiny use?

b) Work out the perimeter of the shape.

Compare answers with a partner.

