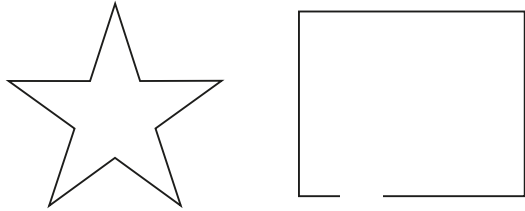


- 1 Which shape has a perimeter?

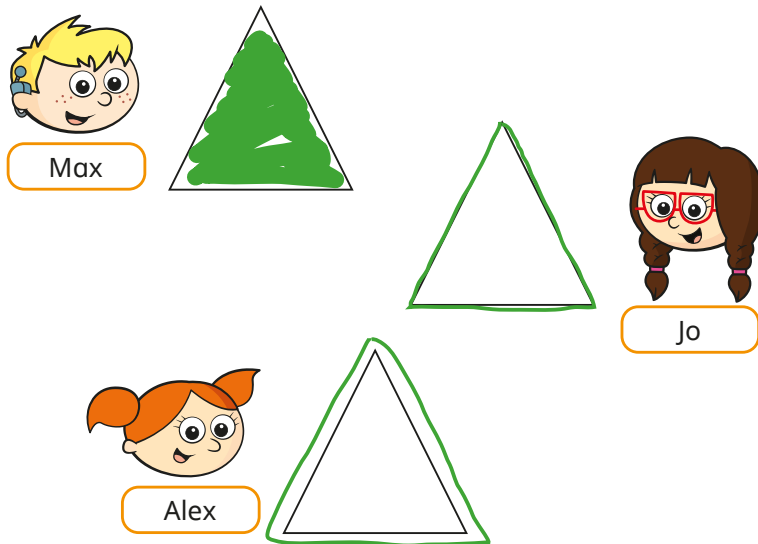


Explain your reasons to a partner.



- 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.

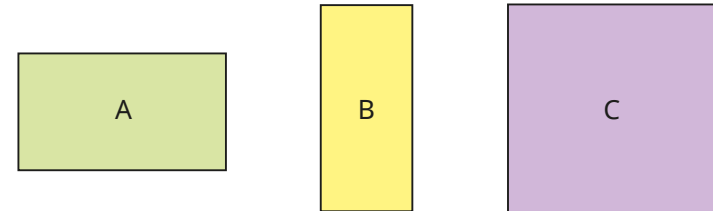


Who do you agree with?

What mistakes have the others made?



- 4 Here are some 2-D shapes.

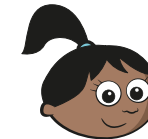


- a) Which shape has the smallest perimeter?
b) Which shape has the greatest perimeter?

- 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	

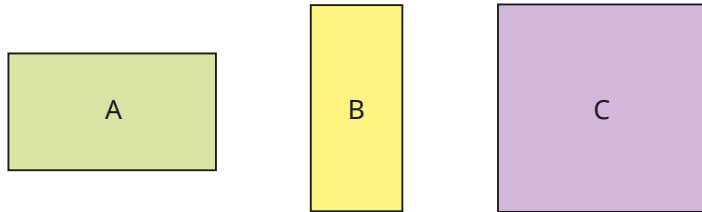
				1
	8	9	10	2
7				3
	6	5	4	

Who is correct?

What mistakes have the other children made?



4 Here are some 2-D shapes.



- Which shape has the smallest perimeter?
- 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

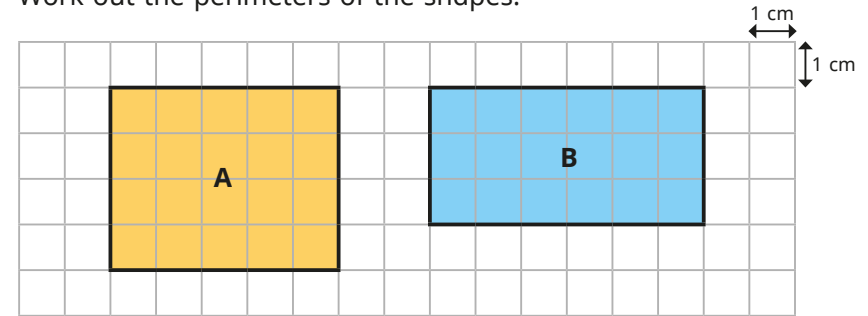
			1	
	8	9		2
7				3
	6	5	4	

				1	
	8	9	10		2
7					3
	6	5	4		

Who is correct?

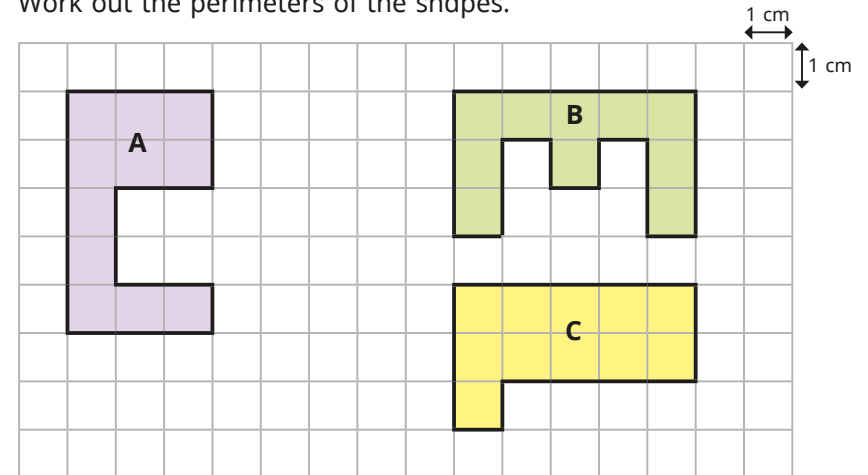
What mistakes have the other children made?

6 Work out the perimeters of the shapes.



What do you notice?

7 Work out the perimeters of the shapes.



8 Tiny wants to find the perimeter of the shape.

- What method could Tiny use?
- Work out the perimeter of the shape.
Compare answers with a partner.

