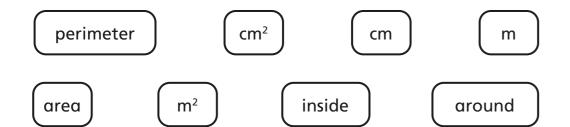
Area and perimeter



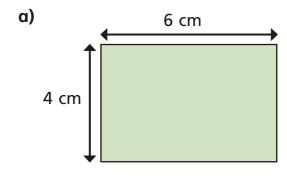
1 Use the words to complete the sentences.

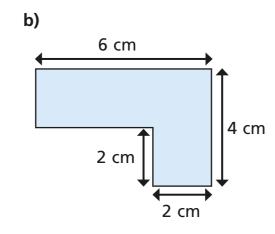


_____ is the amount of space _____ a two-dimensional shape. It can be measured in units such as ____ or ____

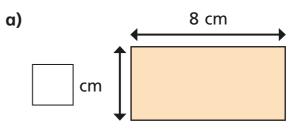
_____ is the distance _____ a two-dimensional shape. It can be measured in units such as _____ or

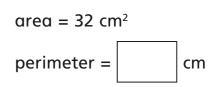
2 Work out the areas and perimeters of the shapes.

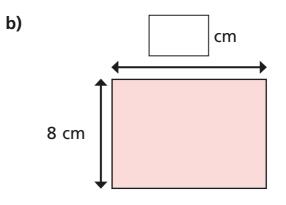


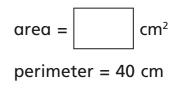


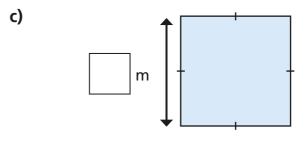
Work out the missing values.



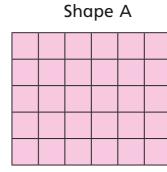


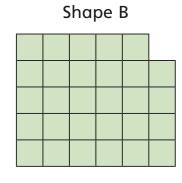






4 Work out the areas and perimeters of the shapes.





What do you notice?





If you start with a rectilinear shape, when you increase the area, the perimeter will increase.

Tommy

Amir

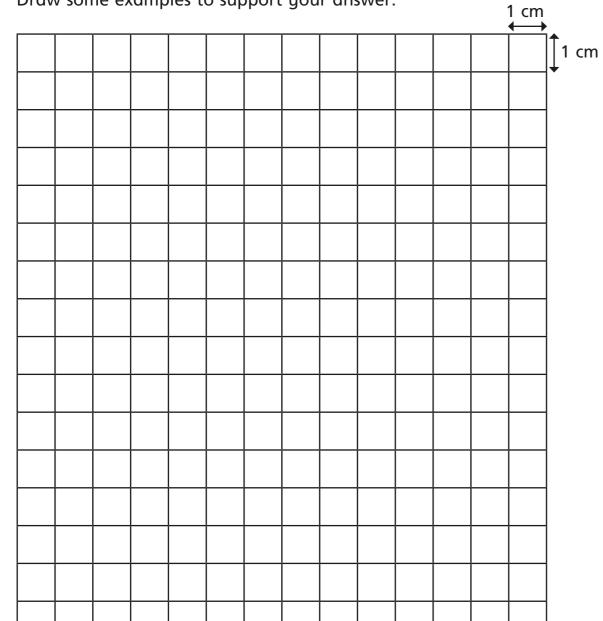
It depends on the shape.



Who do you agree with? _____

Draw some examples to support your answer.



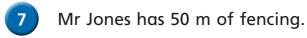




- Two rectilinear shapes, A and B, each have an area of 12 squares.
 - Shape A has the largest perimeter possible.
 - Shape B has the smallest perimeter possible.

Draw shapes A and B. 1 cm

What do you notice?



He wants to make a rectilinear enclosure using all the fencing.

a) Draw an example of a shape he could make. Give units on your diagram.

b) What is the greatest possible area of the enclosure?	
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c) What is the smallest possible area of the enclosure?	
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