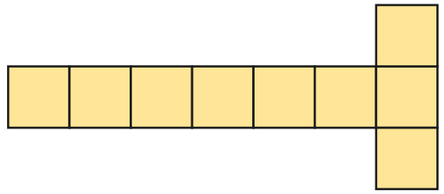
Counting squares

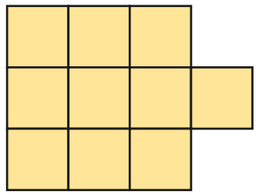
1 Count the squares in each shape to find the area.

A



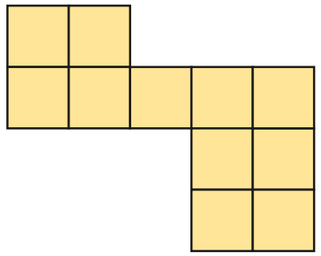
The area is 9 squares.

B



The area is 10 squares.

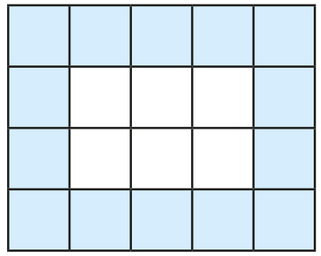
C



The area is 11 squares.

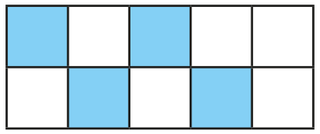
Which shape has the greatest area? C

2 What is the area of the shaded part of the shape?



The area is 14 squares.

3 Here is a kitchen tile.

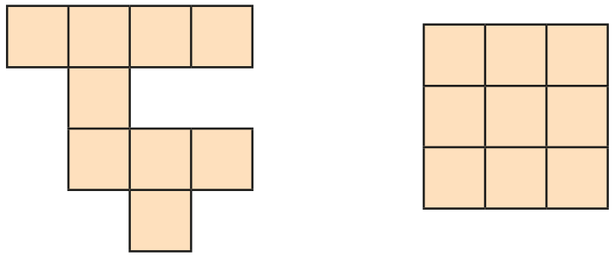


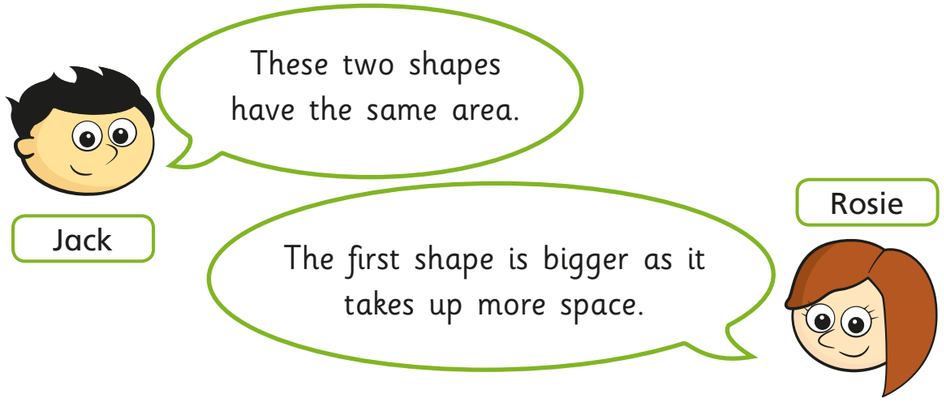
a) What area of the tile is blue? 4 squares

b) What area of the tile is white? 6 squares

c) What is the total area of the tile? 10 squares

4 These two shapes are made up of squares of the same size.





Who is correct? Jack

Explain how you know.

They both have an area of 9 squares.

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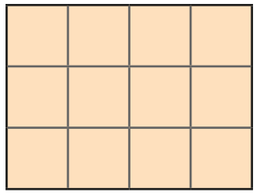
5 Here is a rectangle.

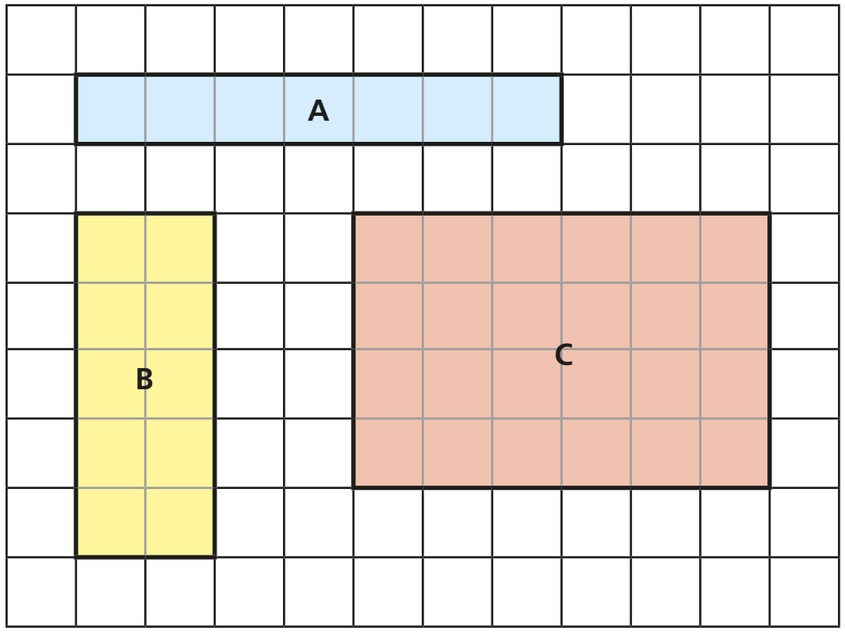


a) The rectangle has 3 rows and 4 columns.

b) What is the area of the rectangle? 12 squares

c) How did you work out the area?

6 Find the area of each rectangle.

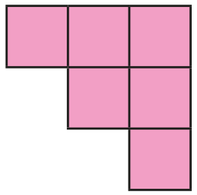


A = 7 squares B = 10 squares C = 24 squares

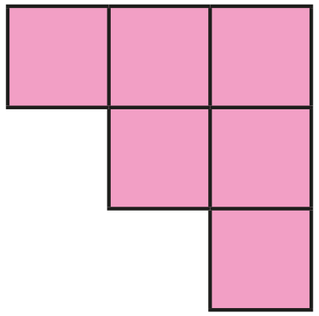
7 Nijah and Eva are making shapes.

They each use 6 squares.

Nijah's shape



Eva's shape



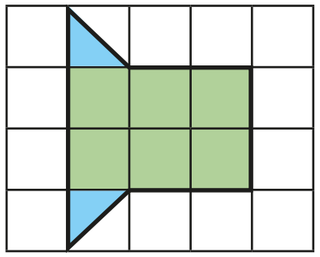
The area of Nijah's shape is equal to the area of Eva's shape.

Is this true or false? False

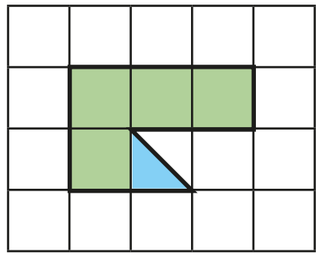
How do you know?

They are not made using the same size shapes

8 What is the area of each shape?



area = 7 squares



area = $4\frac{1}{2}$ squares

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