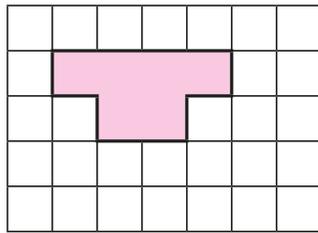


- 1 Draw a shape with the given area.
- a) area = 7 squares                      b) area = 13 squares

- 2 Draw two different shapes, each with an area of 8 squares.

- 3 Shade more squares to make the area 11 squares.

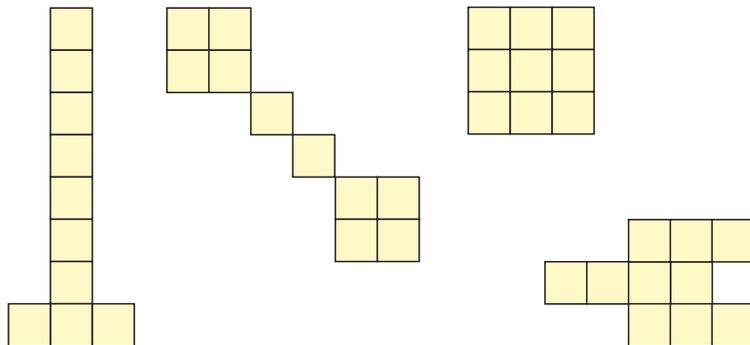


- 4 Amir has created a shape.



My shape has an area of 10 squares and is rectilinear.

Tick the shapes that Amir could have made.



- 5



I cannot make a large square using an odd number of smaller squares.

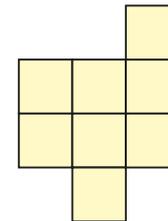
Do you agree with Whitney?

Draw a picture to support your answer.



- 6 Draw two different rectangles, each with an area of 12 squares.

- 7 a) Add squares to this shape to make it into a square.



b) What is the area of the square you have made?

c) How could you make a larger square?

How many more squares do you need to add?

Show your working.



5



I cannot make a large square using an odd number of smaller squares.

Do you agree with Whitney?

Draw a picture to support your answer.

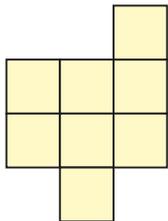


6

Draw two different rectangles, each with an area of 12 squares.

7

a) Add squares to this shape to make it into a square.



b) What is the area of the square you have made?

c) How could you make a larger square?

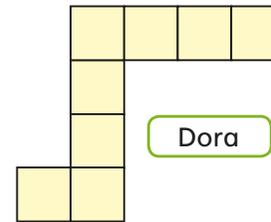
How many more squares do you need to add?

Show your working.

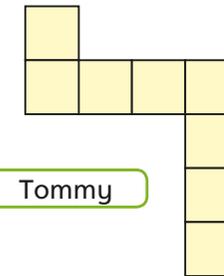


8

Dora and Tommy have drawn rectilinear shapes.



Dora



Tommy

Tommy says he has made a different shape with the same area.

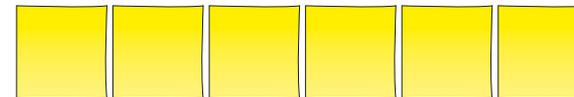
Do you agree with Tommy?

Explain your answer.



9

Use six square sticky notes or square shapes.



Make as many different rectilinear shapes with the squares as you can.

Draw some of your shapes.

Compare answers with a partner.

