Making shapes

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

2. a) 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?

   How many more squares do you need to add?

   Show your working.

8. Dora and Tommy have drawn rectilinear shapes.

   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.