**1** Use the diagram to help you complete the sentences.

5 cm

4 cm

The length of the rectangle is ☐ cm.

The width of the rectangle is ☐ cm.

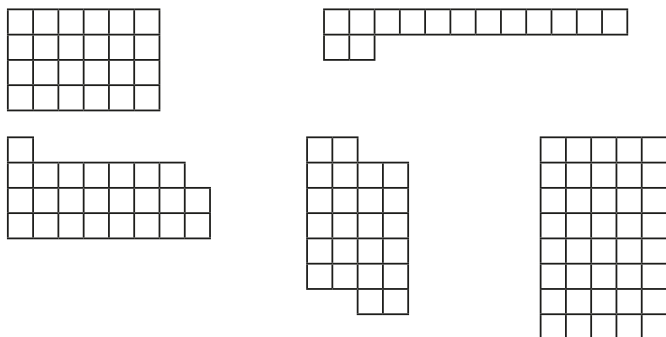The total number of squares in the rectangle is ☐

The area of the rectangle is ☐ cm²
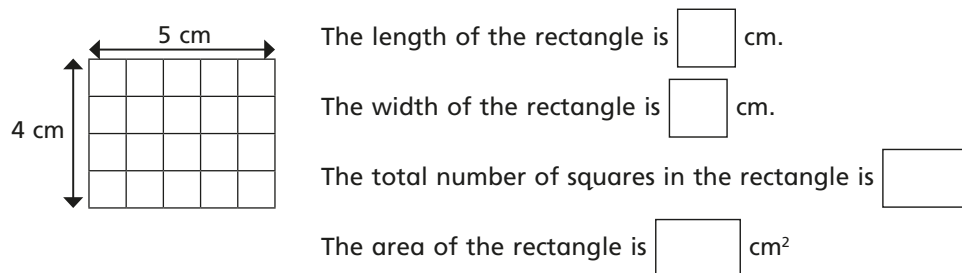
**2** Work out the areas of the shapes. Each square represents 1 cm²

**a)**          **b)**          **c)**
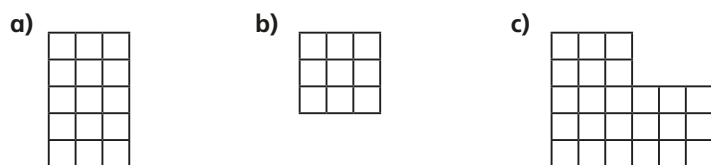
What do you notice?

**3** Which shapes have an area of 24 cm²? Each square represents 1 cm²

**4 a)** Draw two different rectangles that have an area of 8 cm²

Label the side lengths of your rectangles.

**b)** Write the factors of 8

What do you notice? Talk about it with a partner.

**5** Draw two different rectilinear shapes that have an area of 12 cm²

Compare shapes with a partner.

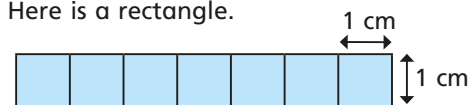**6** Rosie is finding the area of this shape.

3 cm

8 cm
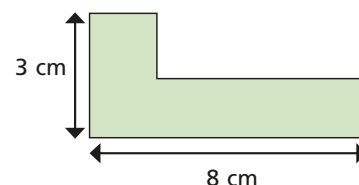
To find the area of the shape, you can multiply 3 by 8, so the area must be 24 cm²

Do you agree with Rosie?

Explain your answer.

**7** Here is a rectangle.

1 cm

1 cm

**a)** Work out the area of the rectangle.

**b)** Draw a different rectilinear shape that has the same area.

Compare answers with a partner.

**8**

It is impossible to have a rectilinear shape with an even area if all its sides are odd numbers.

Investigate Dexter's statement to see if it is true.

Compare your findings with a partner.