Scale drawing

1 Here is a picture of a flower.
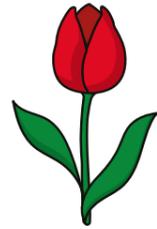

Which of these is a scale drawing of the flower?

Tick your answer.
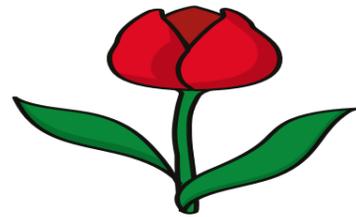
How do you know?

2 Here is a picture of a carrot.

Tick the two pictures that are scale drawings of the carrot.
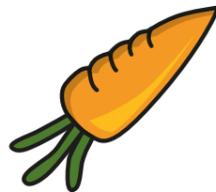
Explain your answer.

**3** A square has a side length of 8 cm.
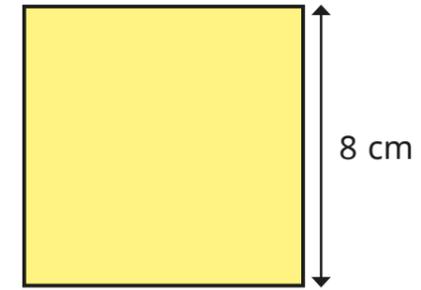
8 cm

a) Draw a scale diagram of the square on the grid.

2 cm

2 cm

b) Draw a scale diagram of the square on the grid.

4 cm

4 cm

**c)** Draw a scale diagram of the square on the grid.

8 cm

8 cm

4 A rectangle has a length of 24 cm and a width of 6 cm.
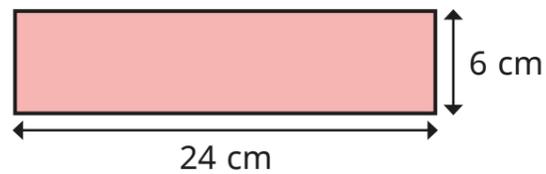
6 cm

24 cm

a) Draw a scale diagram of the rectangle on the grid.

2 cm

2 cm

b) Draw a scale diagram of the rectangle on the grid.

3 cm

3 cm
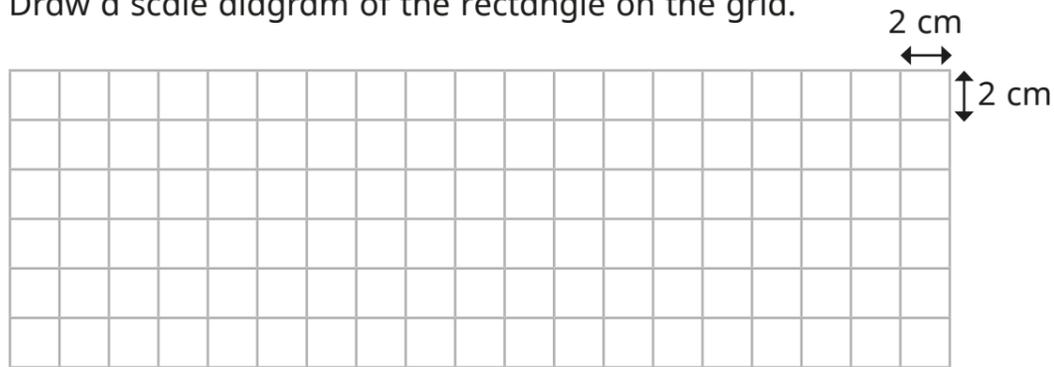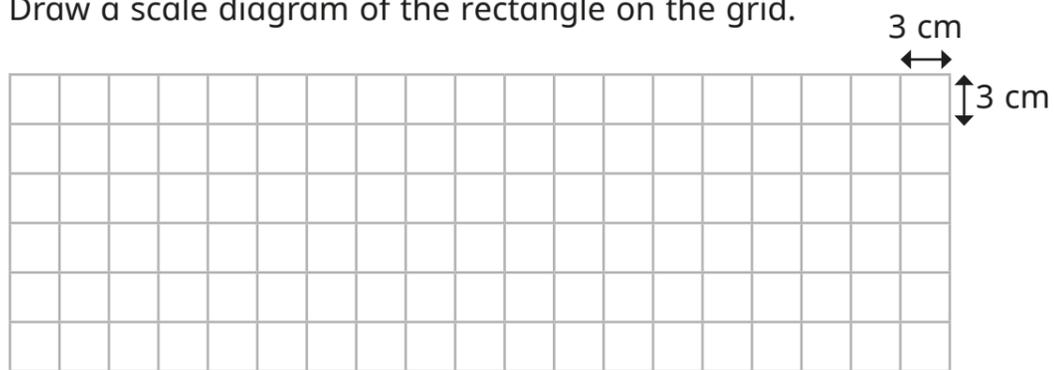
5 Here is a plan of a room.

3 m

7 m
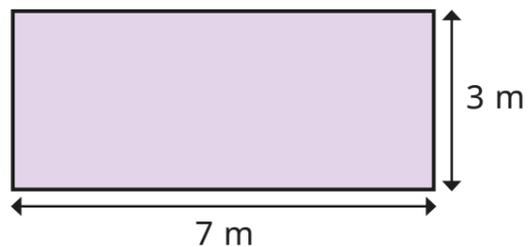
Draw a scale diagram of the room on the grid.

2 m

2 m
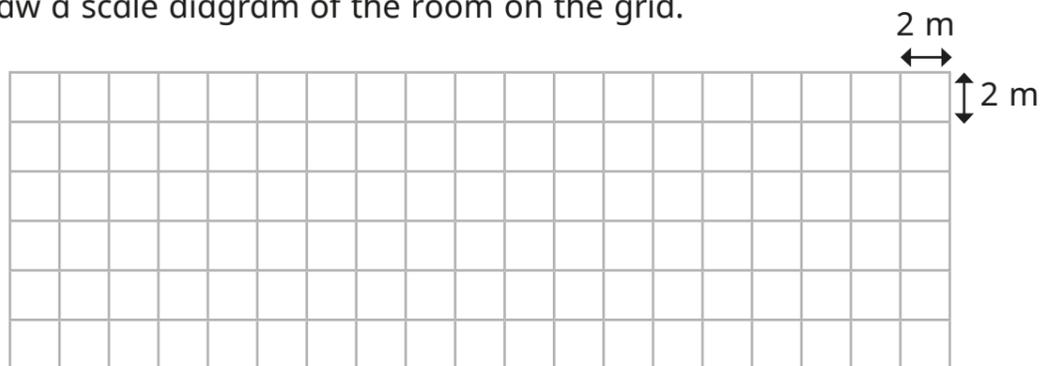
6 Draw a scale diagram of the shape on the grid.

9 cm

9 cm

6 cm

3 cm

3 cm

12 cm

3 cm

3 cm
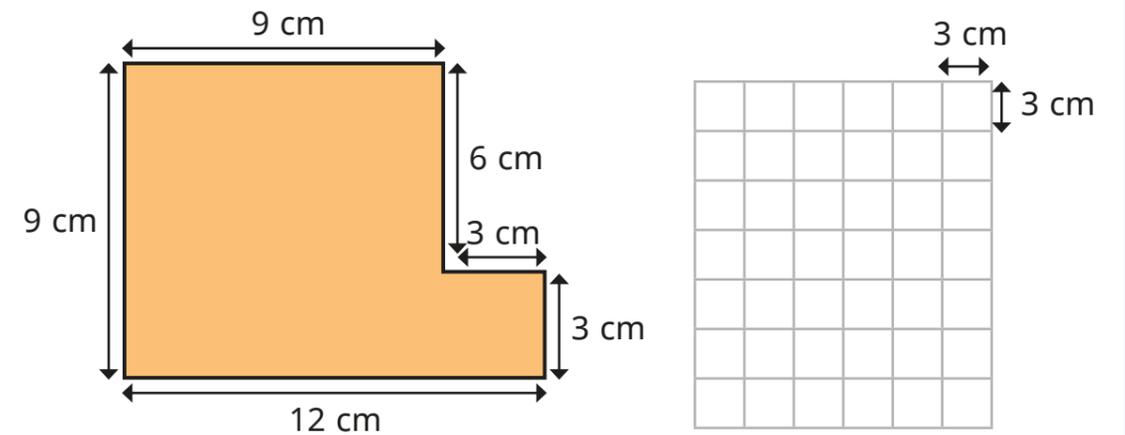
7 Here is a scale drawing of a rectangle.

5 cm

5 cm
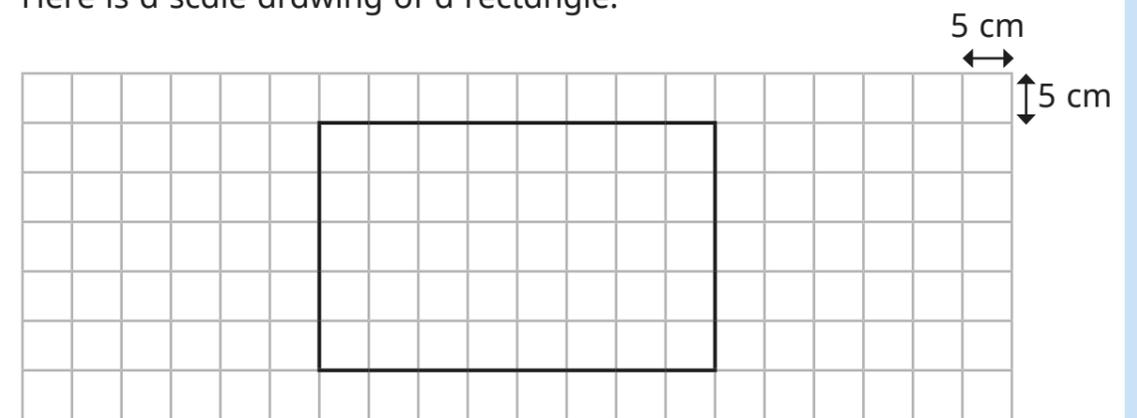
a) What is the perimeter of the scale drawing?

squares

b) What is the perimeter of the actual rectangle?

cm

What do you notice?