

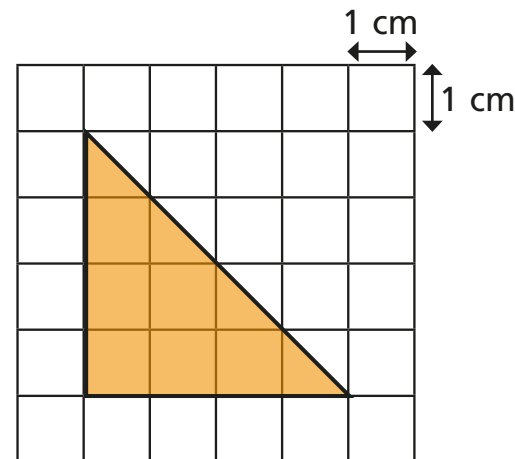
Area of a triangle (1)

- 1 Complete the sentences to describe the triangle.

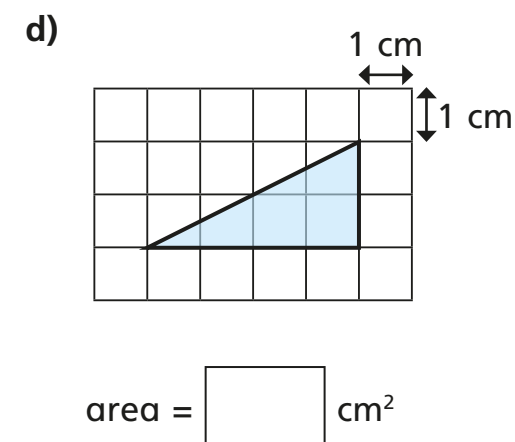
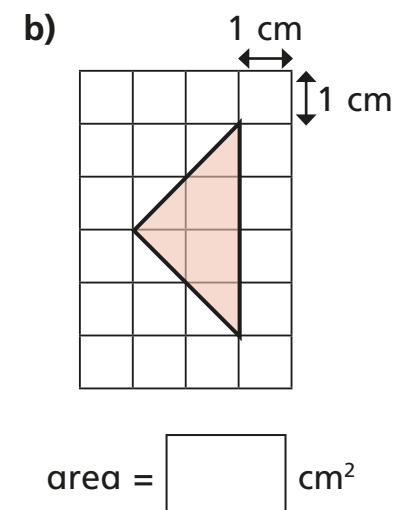
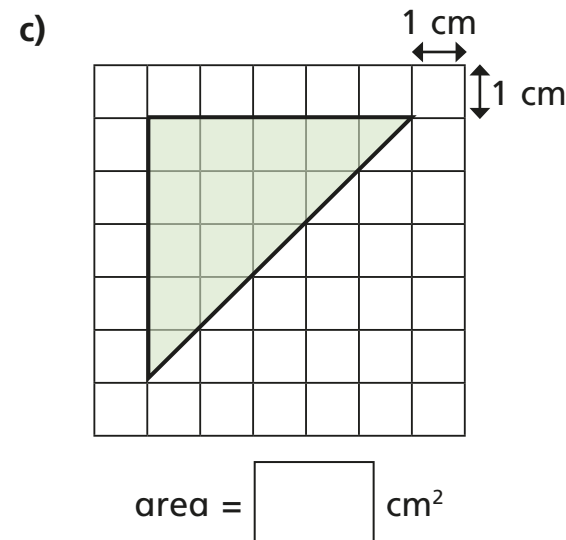
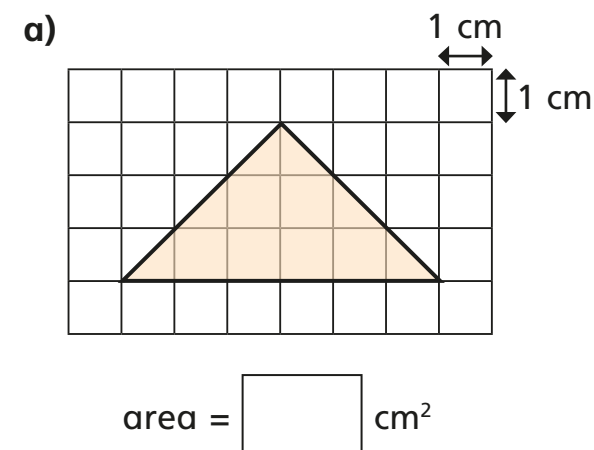
The triangle has full squares.

The triangle has half squares.

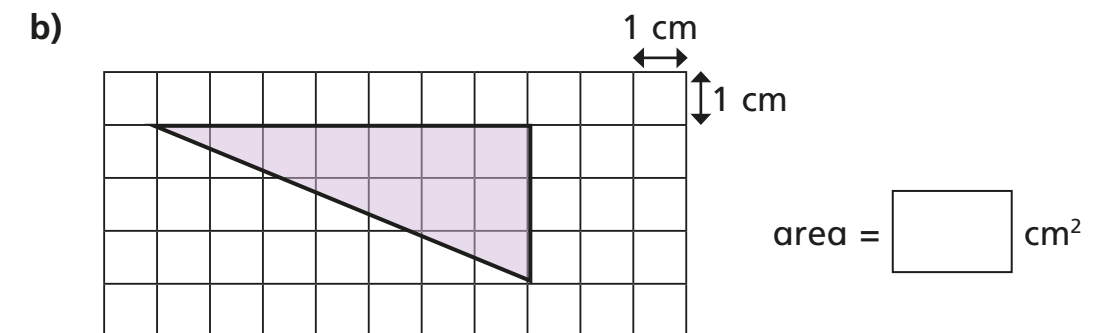
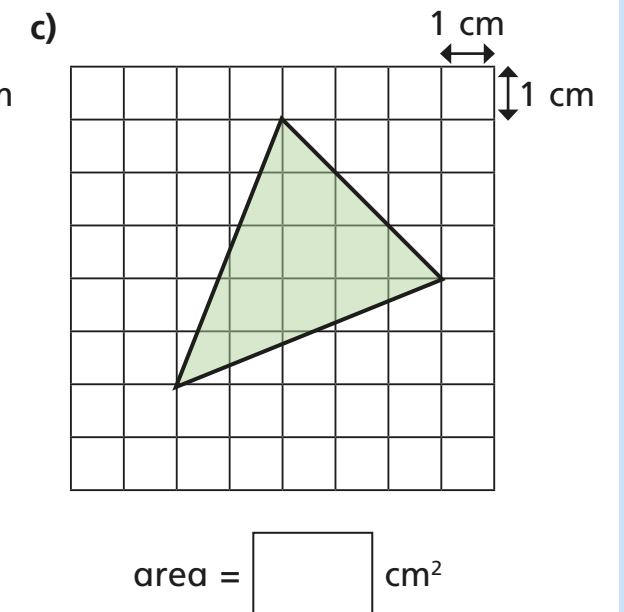
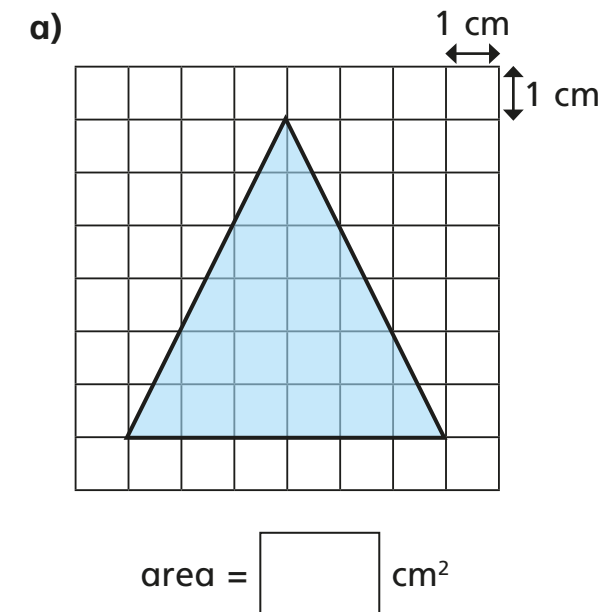
The area of the triangle is cm^2



- 2 Count squares to work out the area of each triangle.

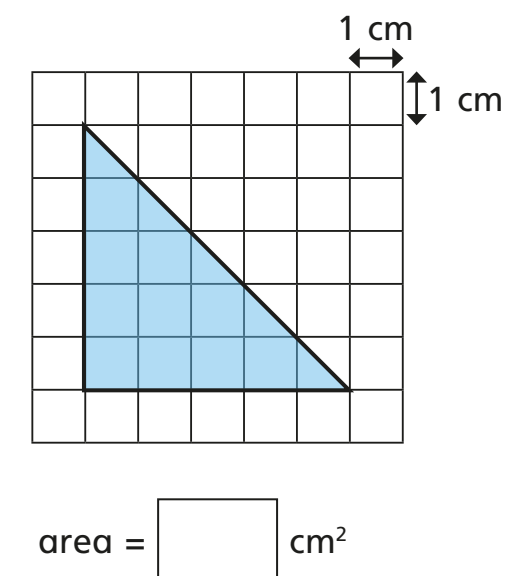
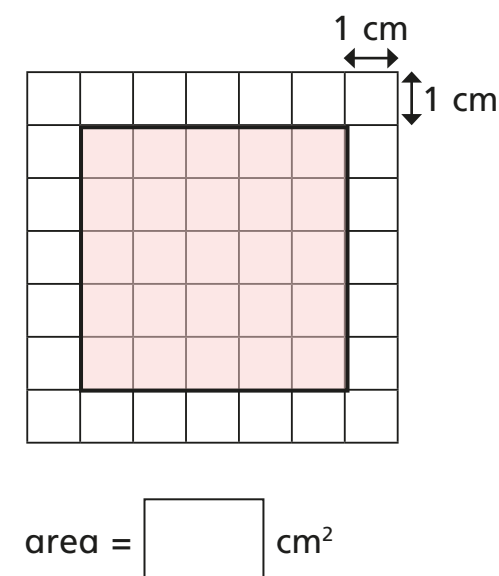


- 3 Count squares to estimate the area of each triangle.

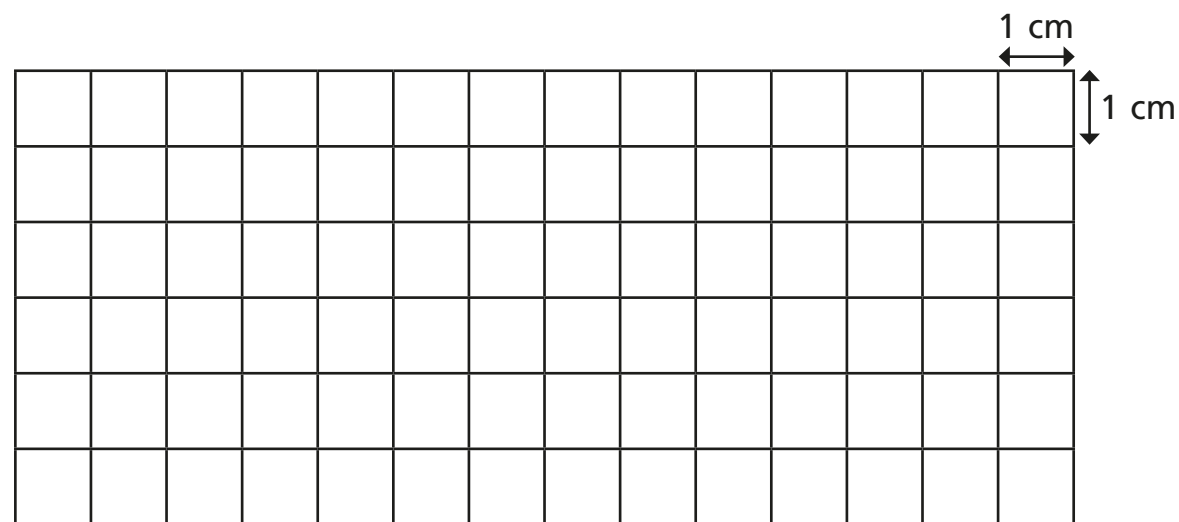


Why are your answers estimates?

- 4 a) Work out the areas of the shapes by counting squares.

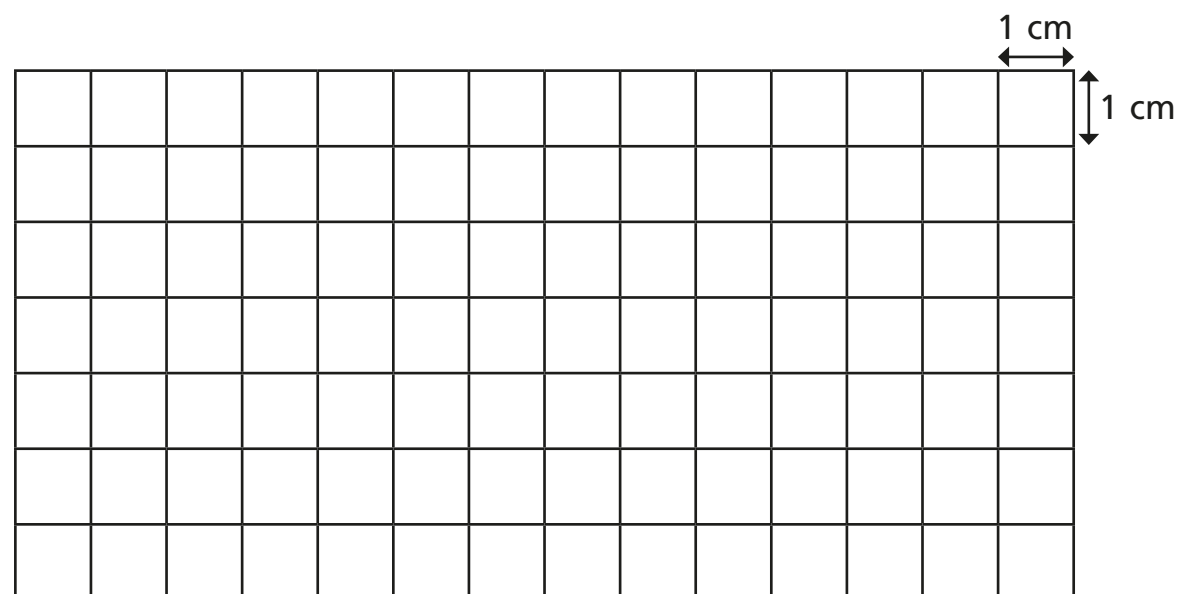


b) What do you notice about your answers to part a)?
Explore this using other rectangles.



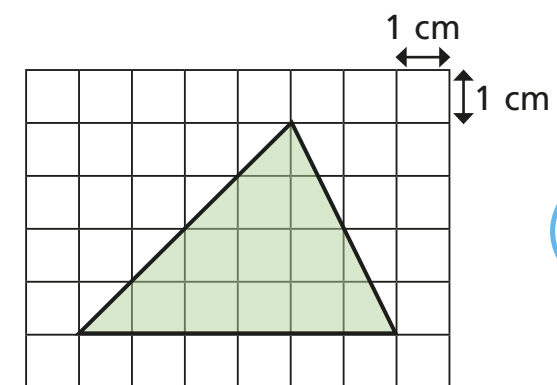
c) Write your findings.

5 Draw a triangle that has an area of approximately 15 cm^2

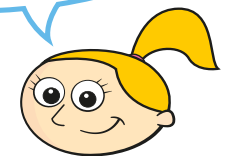


Compare answers with a partner.

6



I estimate the size of the triangle to be about 16 cm^2

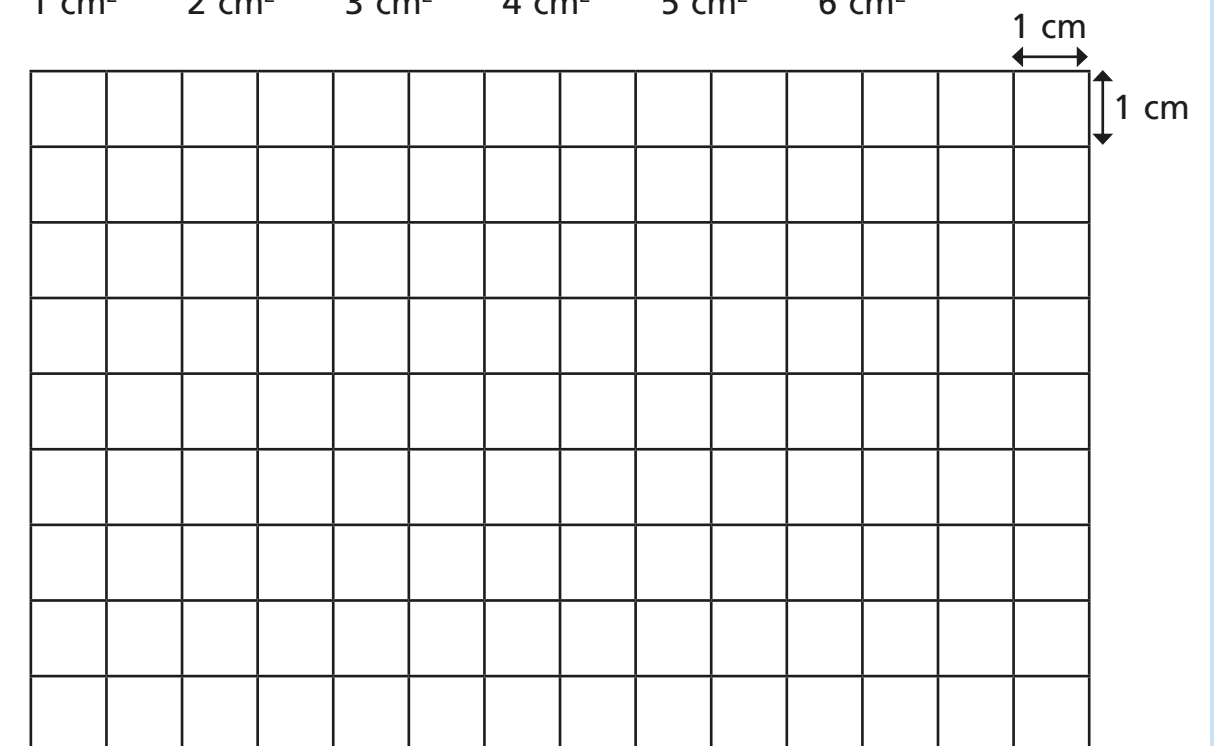


Do you agree with Eva's estimate? _____

Talk about it with a partner.

7 Draw triangles with these areas.

1 cm^2 2 cm^2 3 cm^2 4 cm^2 5 cm^2 6 cm^2



Talk to a partner about the best strategies for drawing the triangles.