

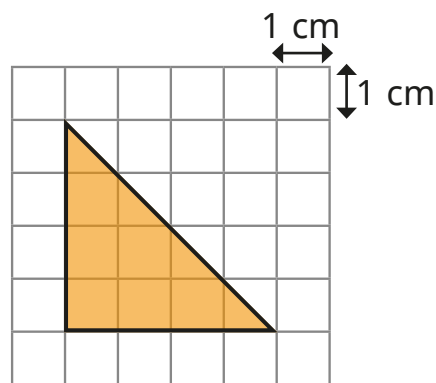
Area of a triangle – counting squares

1 Complete the sentences to find the area of the triangle.

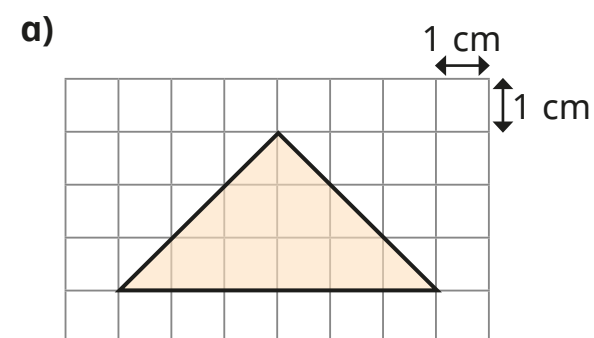
The triangle has full squares.

The triangle has half squares.

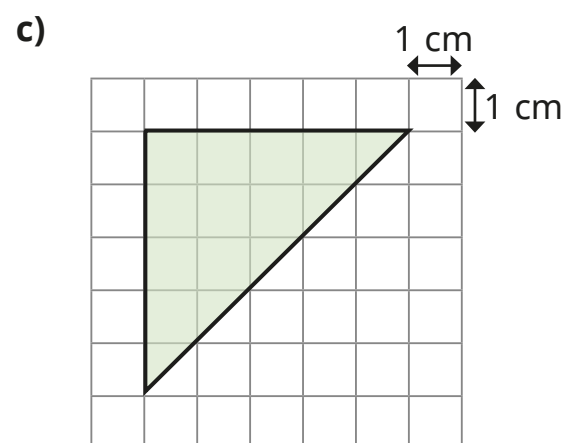
The area of the triangle
is cm^2



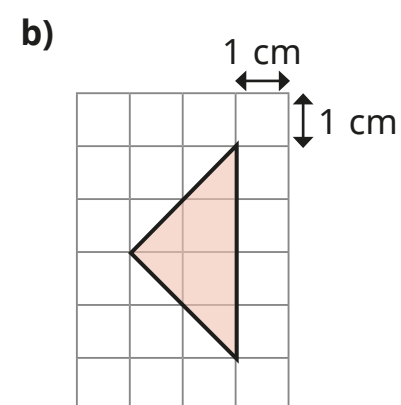
2 Count squares to work out the area of each triangle.



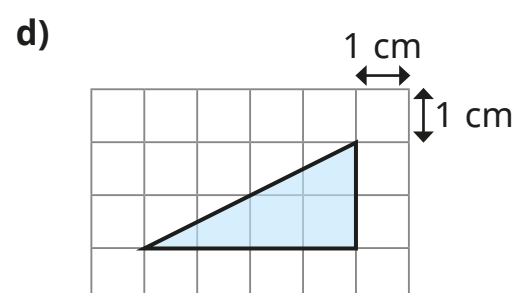
cm^2



cm^2

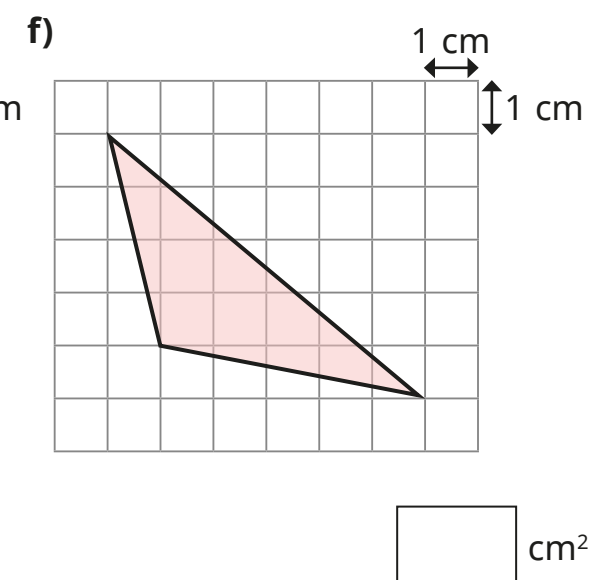
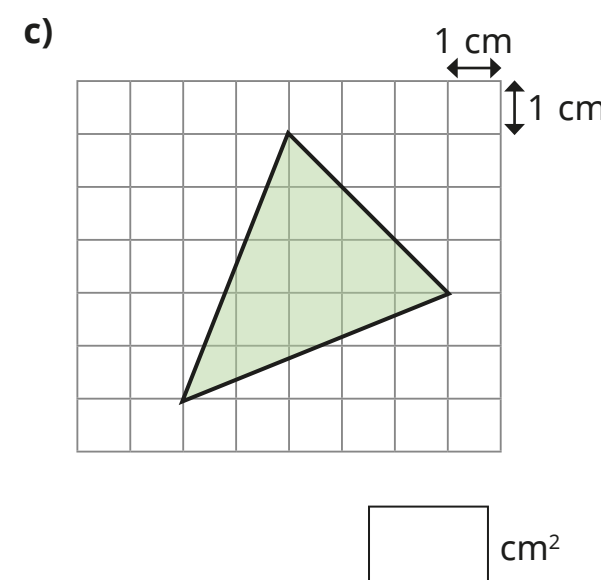
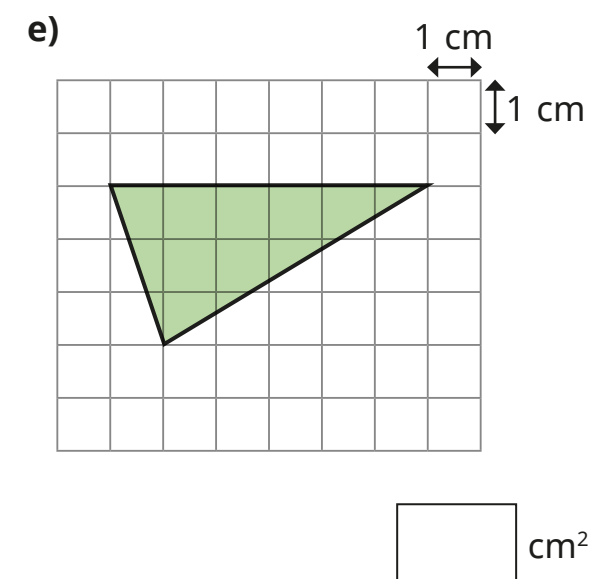
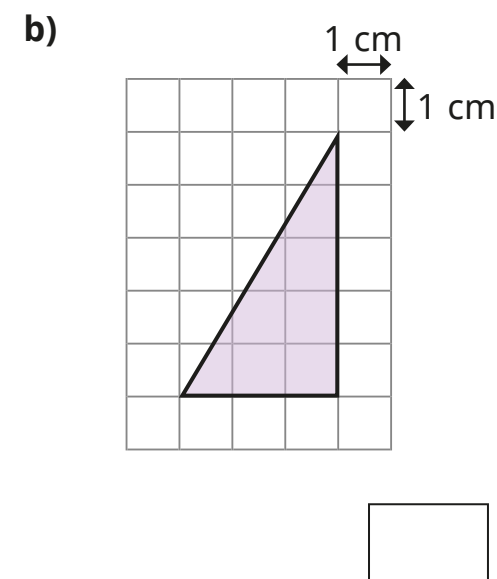
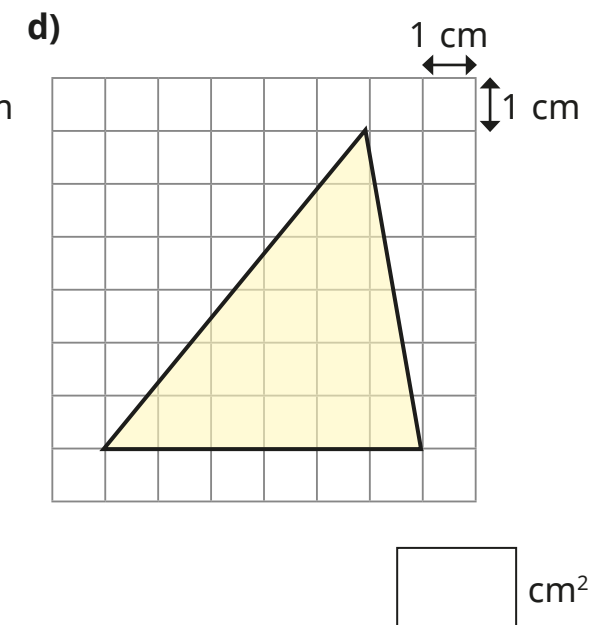
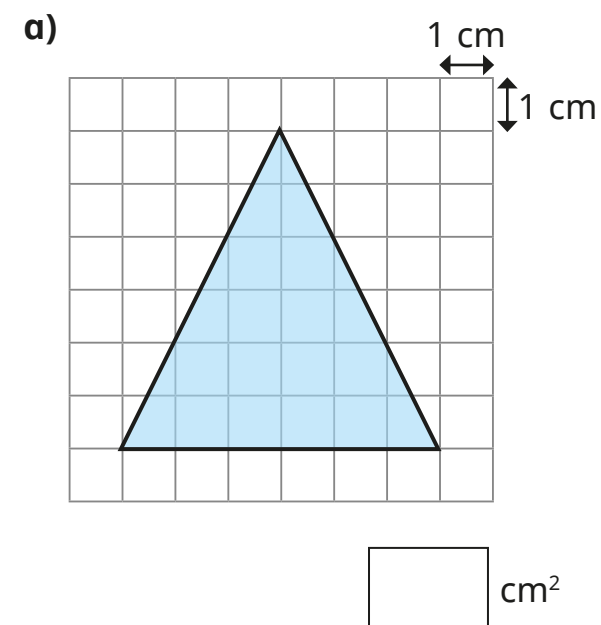


cm^2



cm^2

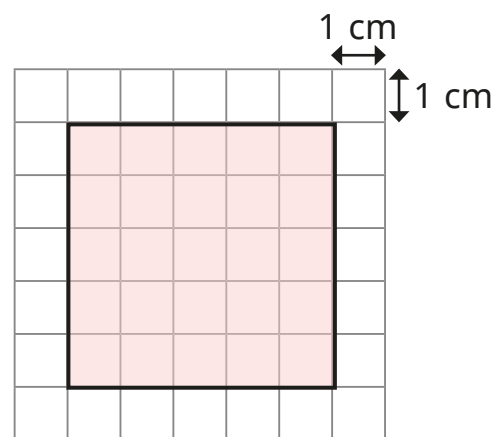
3 Count squares to estimate the area of each triangle.



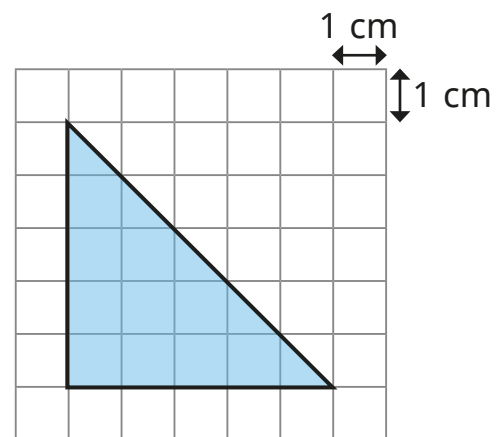
Why are your answers estimates?



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



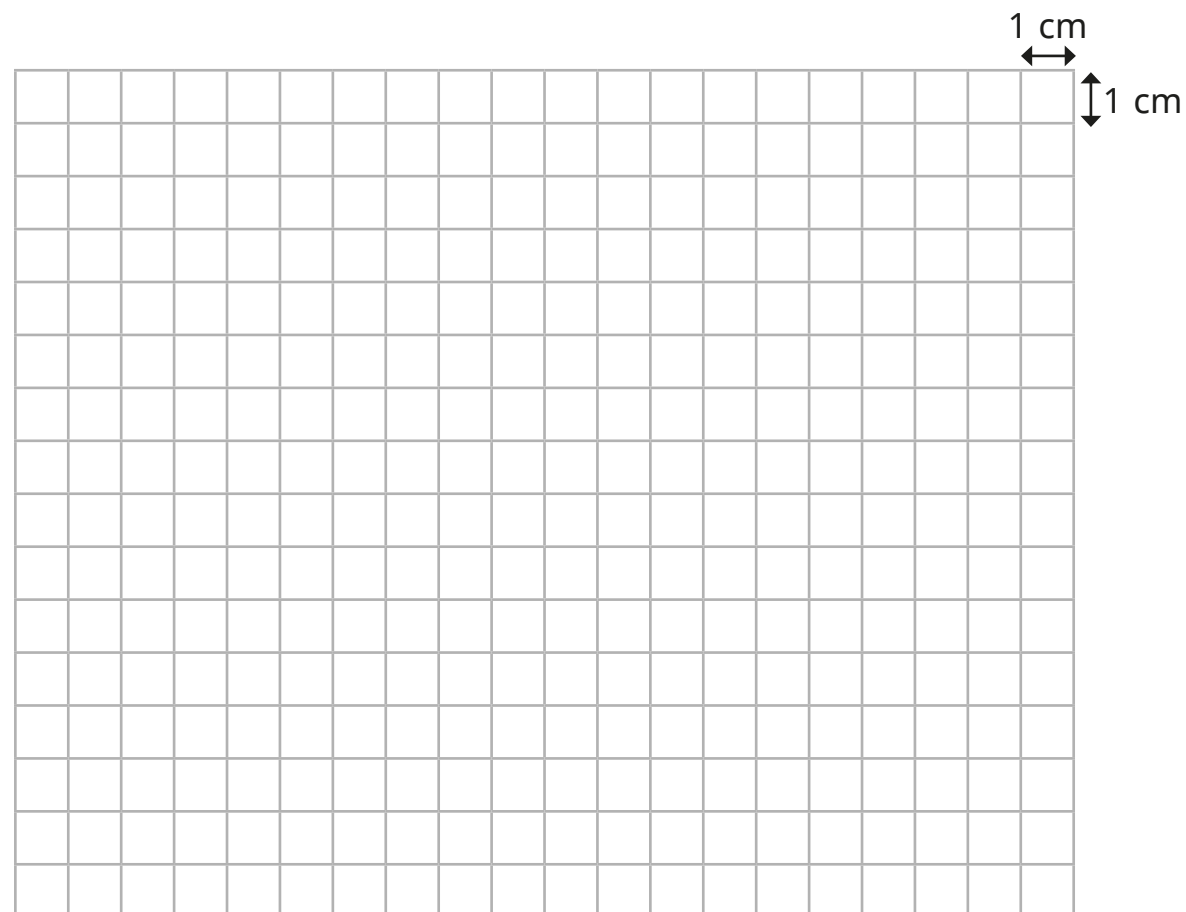
area = cm^2



area = cm^2

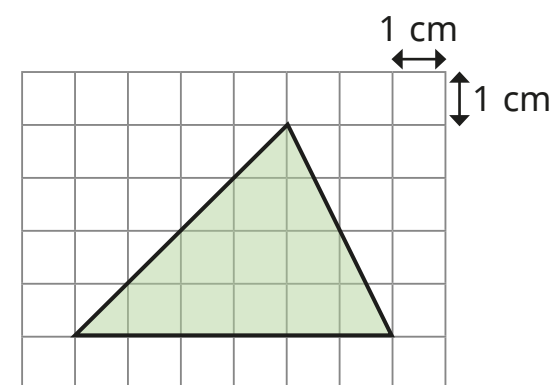
What do you notice?

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

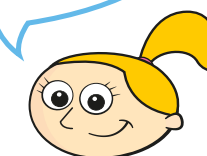


Compare answers with a partner.

- 6



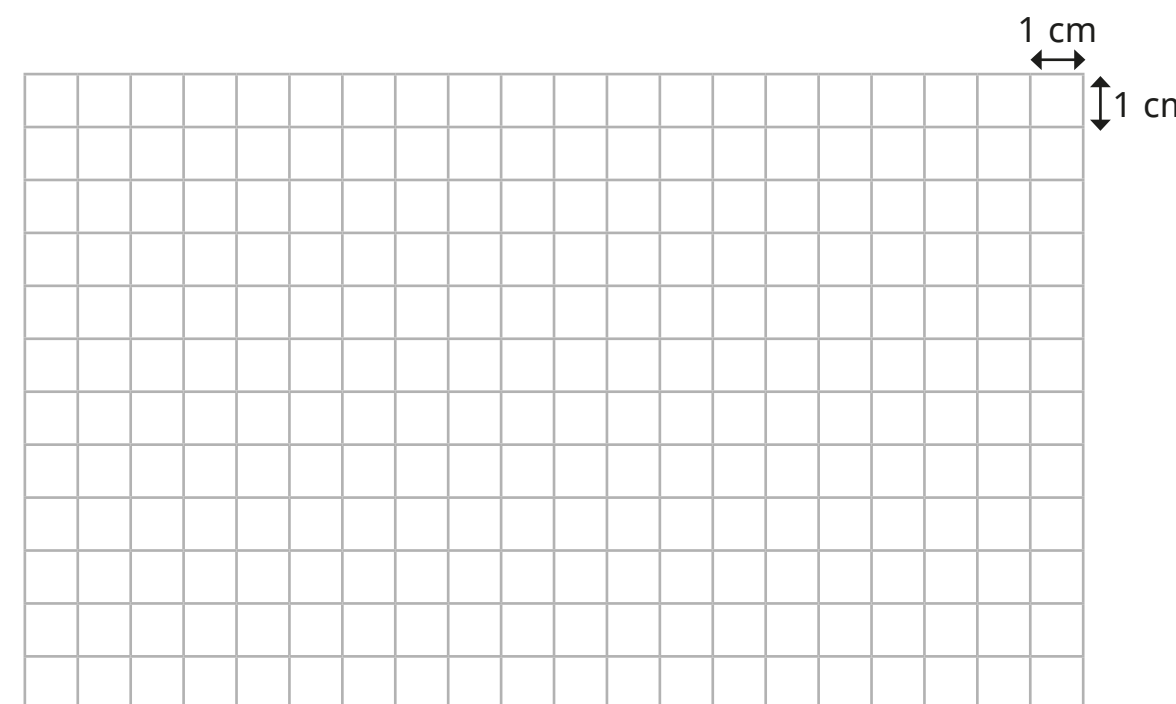
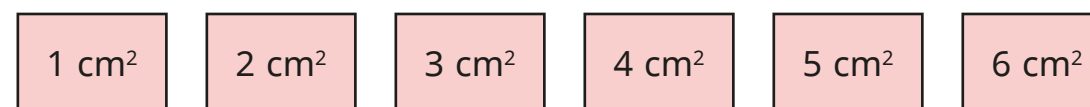
I estimate the size of the triangle to be about 16 cm^2



Do you agree with Eva's estimate? _____

Talk about it with a partner.

- 7 Draw triangles with these areas.



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