

Area of a triangle – counting squares

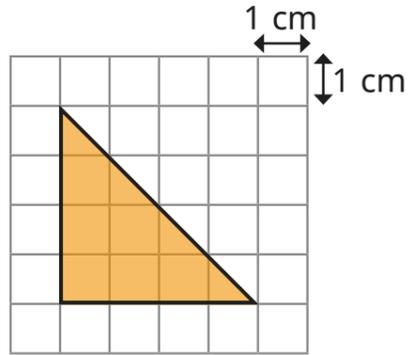
1 Complete the sentences to find the area of the triangle.

The triangle has full squares.

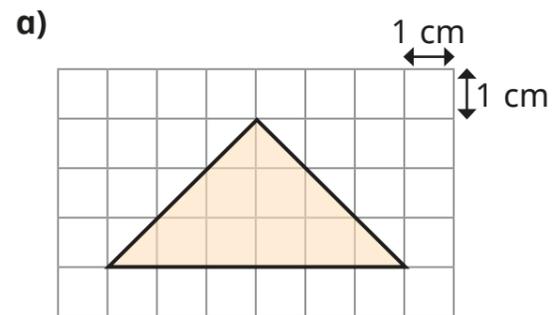
The triangle has half squares.

The area of the triangle

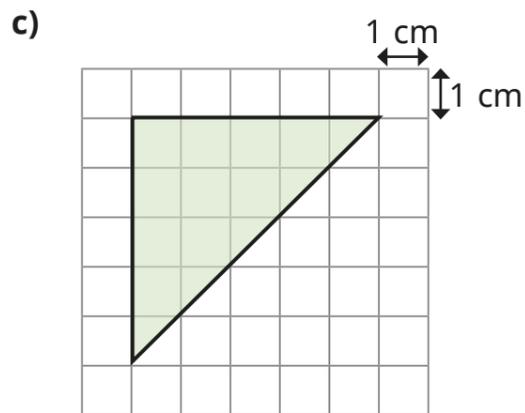
is cm^2



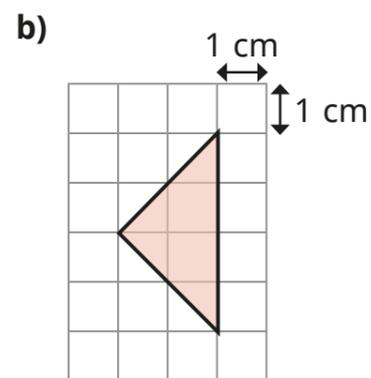
2 Count squares to work out the area of each triangle.



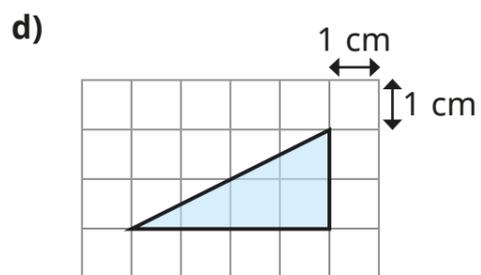
cm^2



cm^2

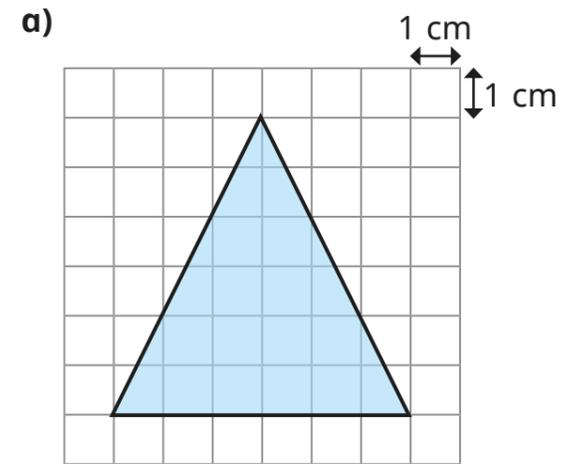


cm^2

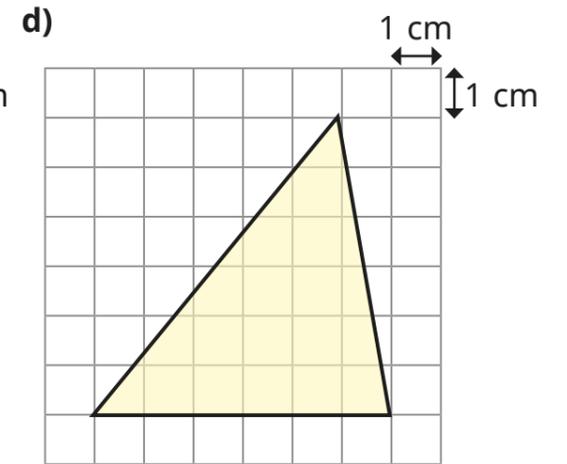


cm^2

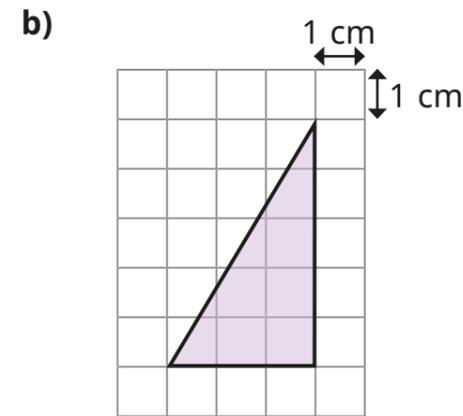
3 Count squares to estimate the area of each triangle.



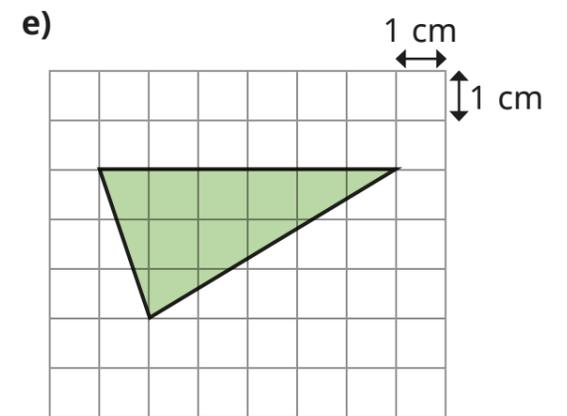
cm^2



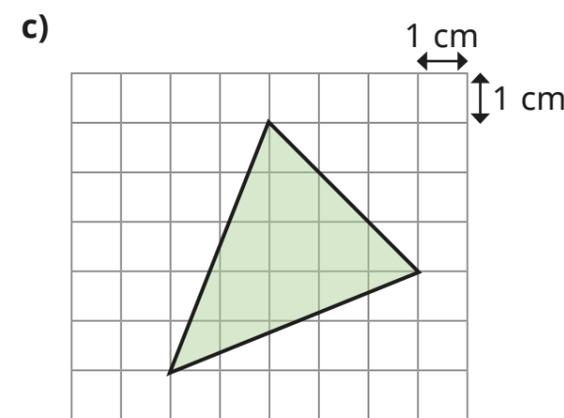
cm^2



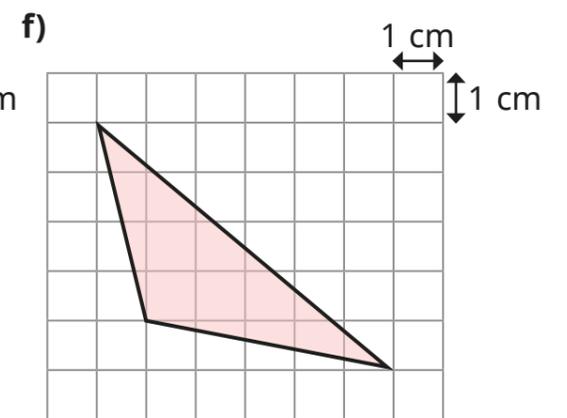
cm^2



cm^2



cm^2

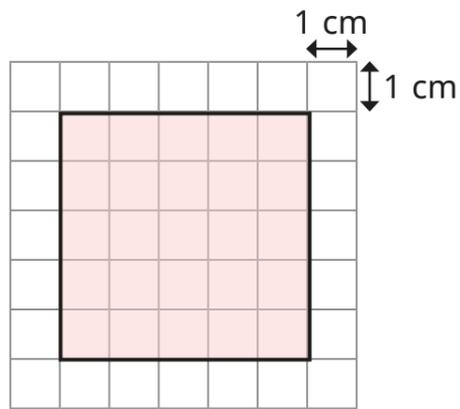


cm^2

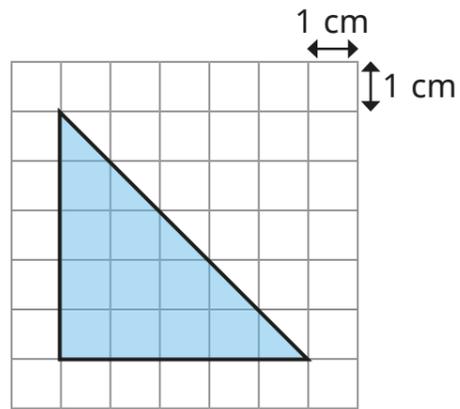
Why are your answers estimates?



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



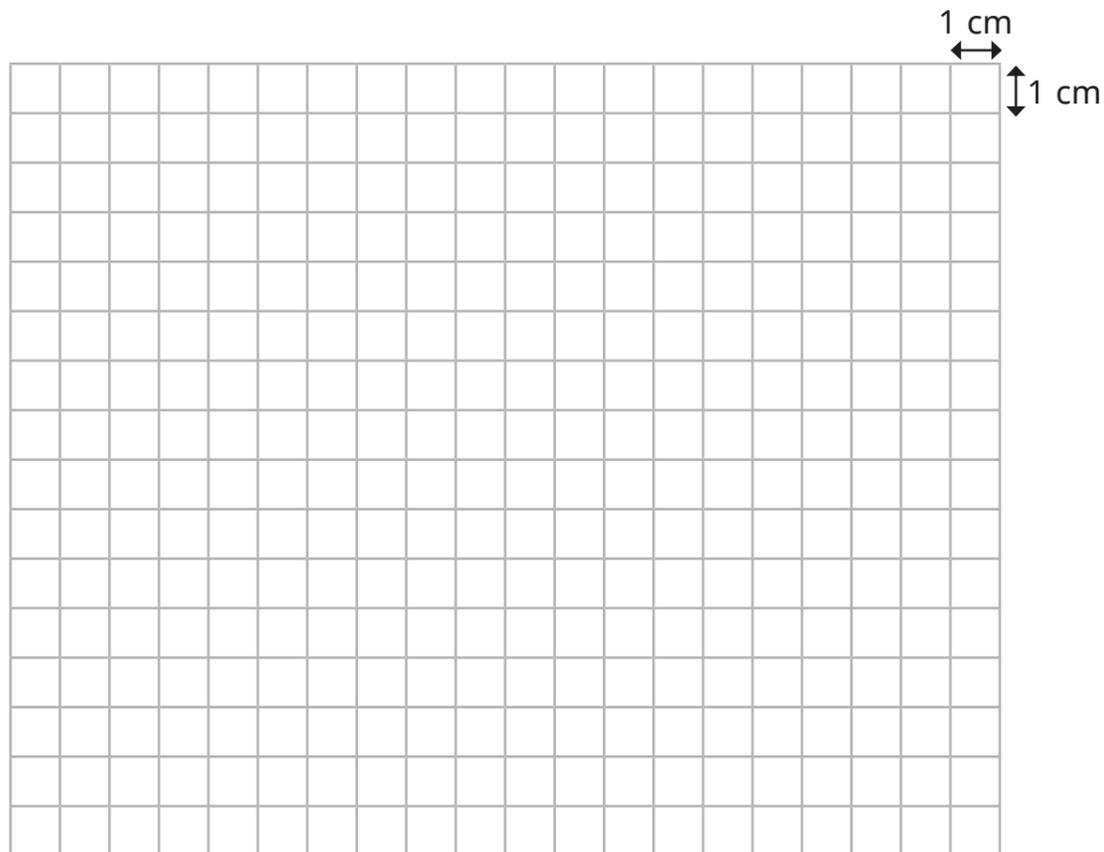
area = cm²



area = cm²

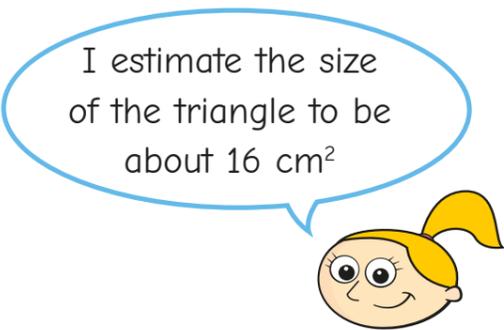
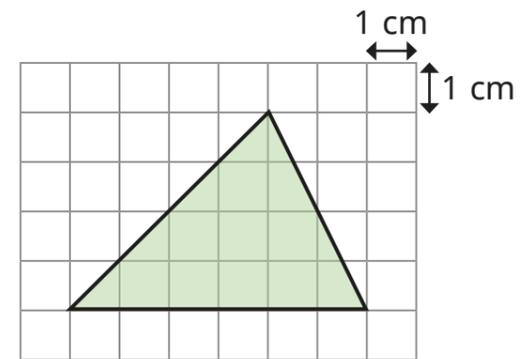
What do you notice?

5 Draw a triangle that has an area of approximately 15 cm²



Compare answers with a partner.

6

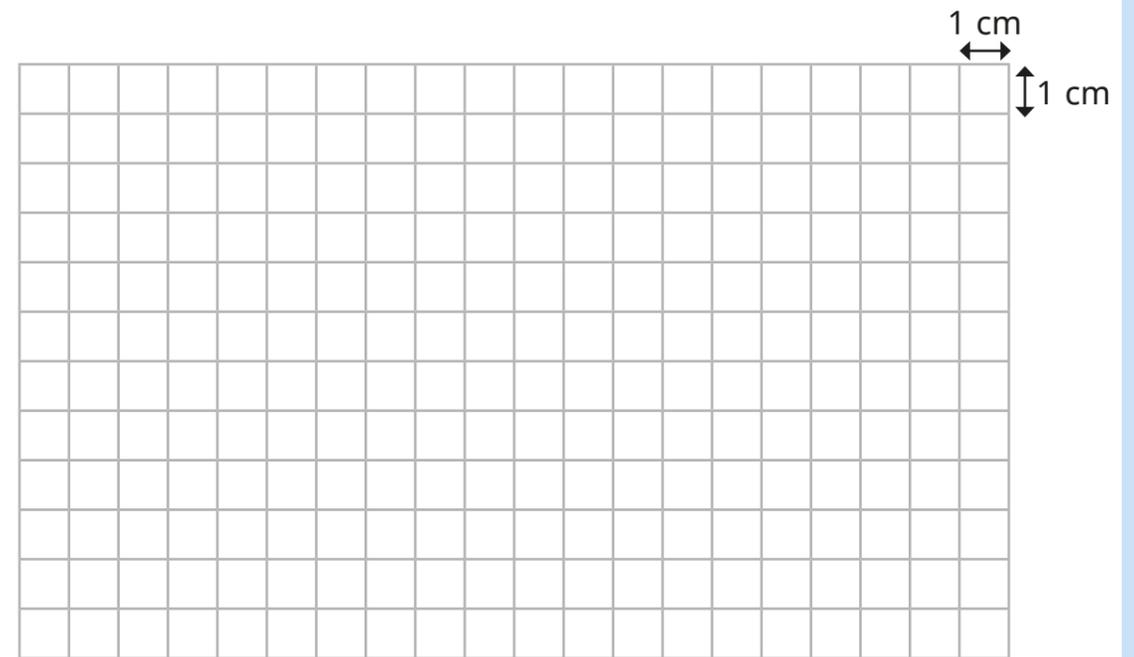


Do you agree with Eva's estimate? _____

Talk about it with a partner.

7 Draw triangles with these areas.

- 1 cm²
- 2 cm²
- 3 cm²
- 4 cm²
- 5 cm²
- 6 cm²



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