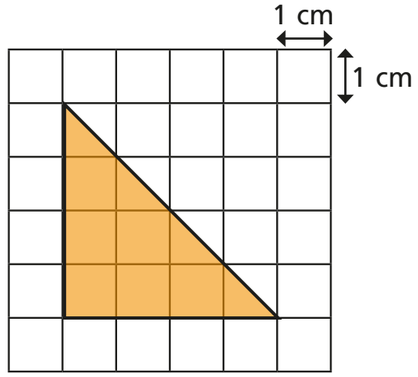
Area of a triangle (1)

1 Complete the sentences to describe the triangle.



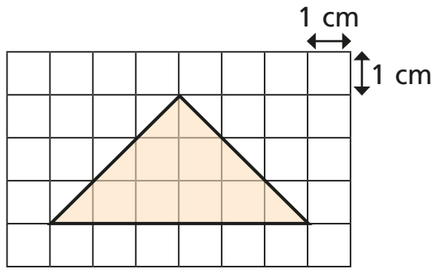
The triangle has ☐ full squares.

The triangle has ☐ half squares.

The area of the triangle is ☐ cm^2

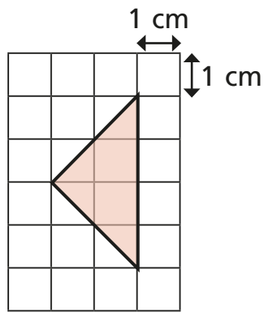
2 Count squares to work out the area of each triangle.

a)



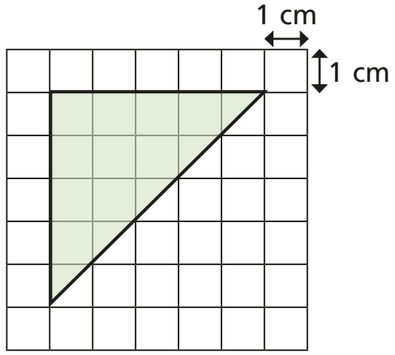
area = ☐ cm^2

b)



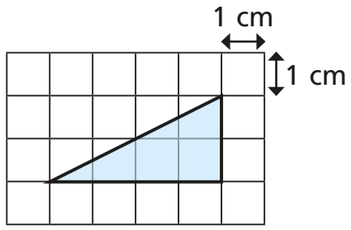
area = ☐ cm^2

c)



area = ☐ cm^2

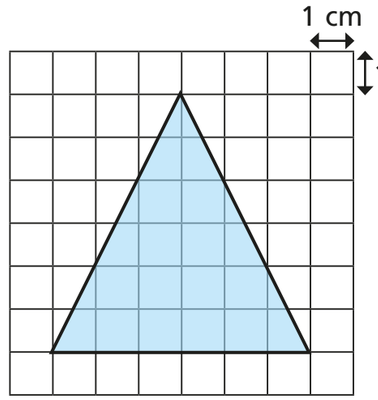
d)



area = ☐ cm^2

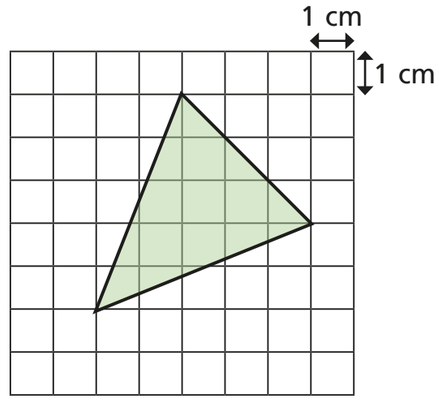
3 Count squares to estimate the area of each triangle.

a)



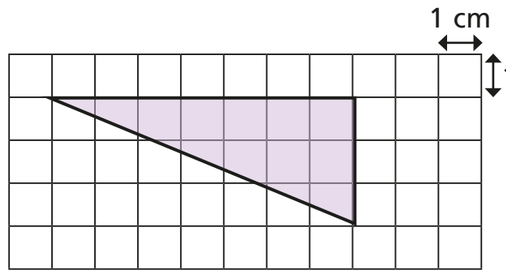
area = ☐ cm^2

c)



area = ☐ cm^2

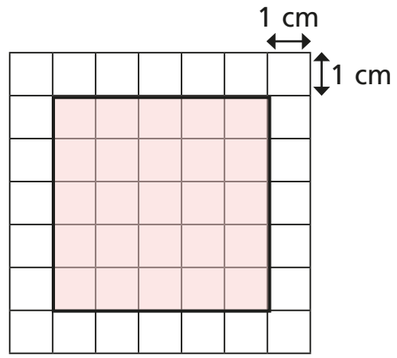
b)



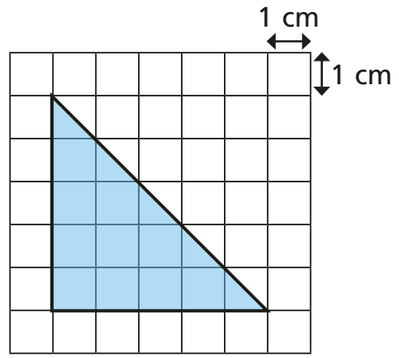
area = ☐ cm^2

Why are your answers estimates?

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

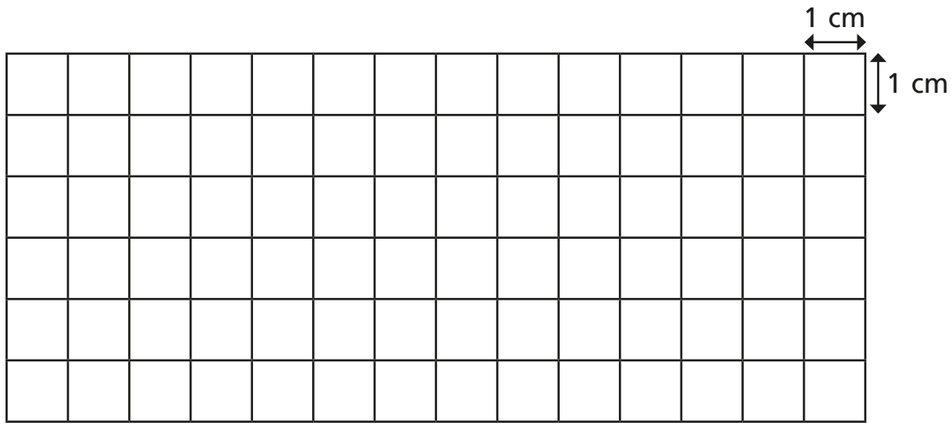


area = ☐ cm^2



area = ☐ cm^2

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

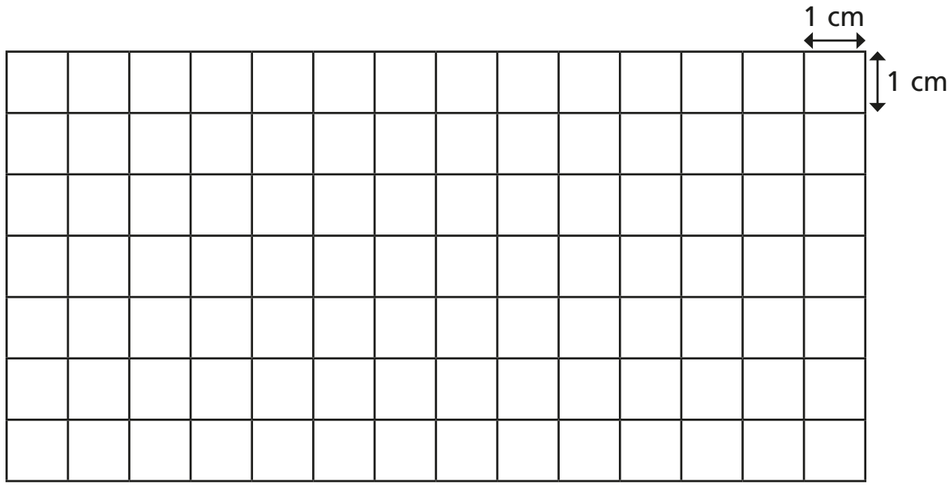


c) Write your findings.

_____

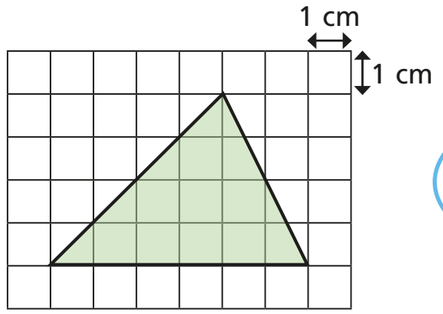
_____

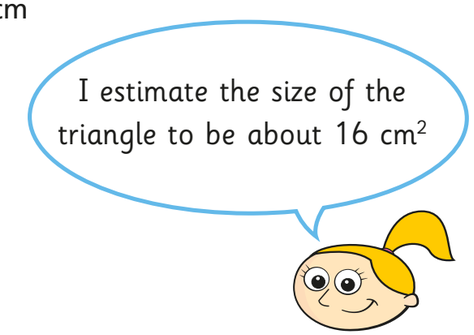
5 Draw a triangle that has an area of approximately 15 cm^2



Compare answers with a partner.

6



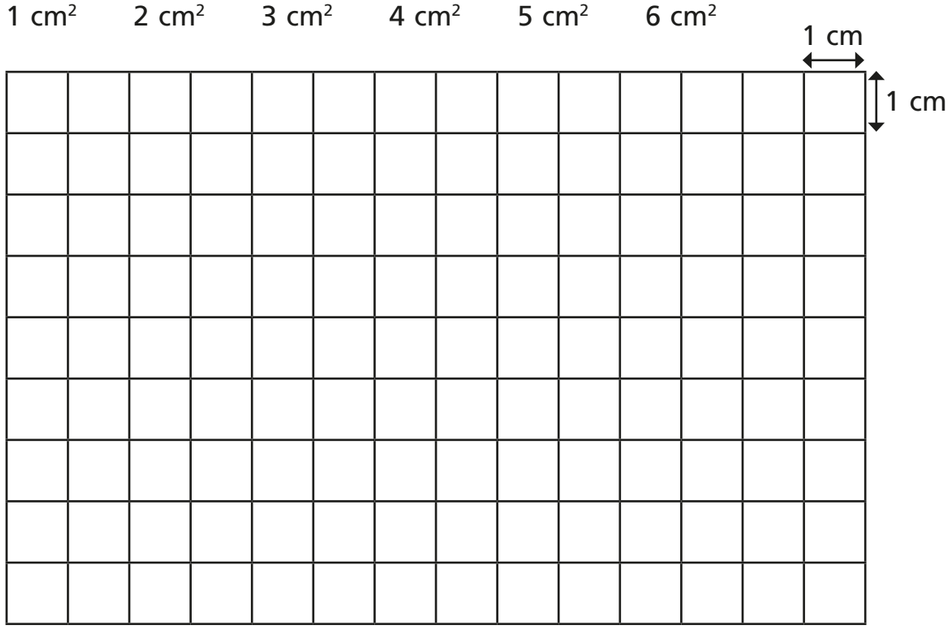


Do you agree with Eva's estimate? _____

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.