Area of a triangle – counting squares



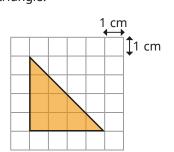
Complete the sentences to find the area of the triangle.

The triangle has full squares.

The triangle has half squares.

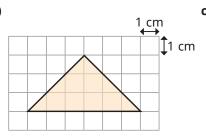
The area of the triangle

is cm^2

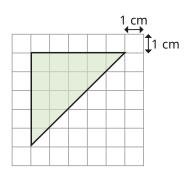


Count squares to work out the area of each triangle.

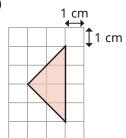
a)



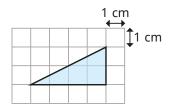
c)



b)

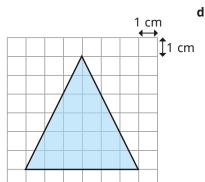


d)

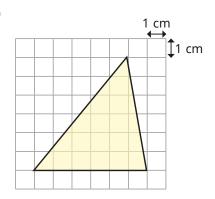


Count squares to estimate the area of each triangle.

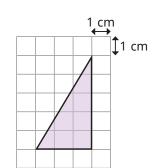
a)



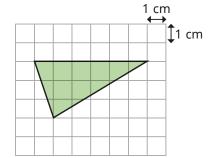
d)



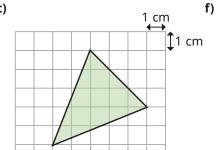
b)

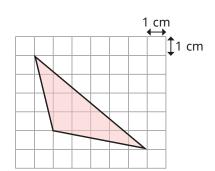


e)



c)





Why are your answers estimates?

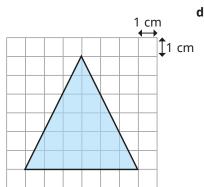


Area of a triangle - counting squares

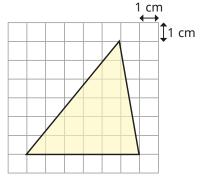


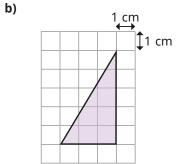
Count squares to estimate the area of each triangle.



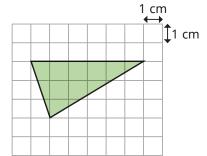


d)

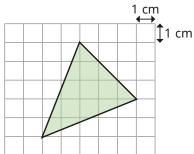




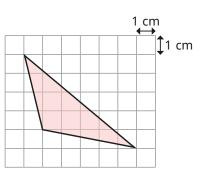
e)



c)



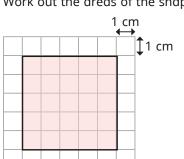
f)

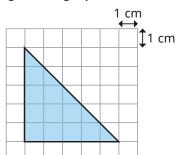


Why are your answers estimates?



Work out the areas of the shapes by counting squares.



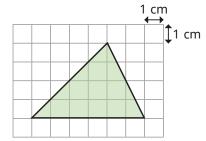


What do you notice?



Draw a triangle that has an area of approximately 15 cm² Compare answers with a partner.





I estimate the size of the triangle to be about 16 cm²



Do you agree with Eva's estimate? Talk about it with a partner.



Draw triangles with these areas.



 2 cm^2

 3 cm^2

 4 cm^2

5 cm²

6 cm²

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

