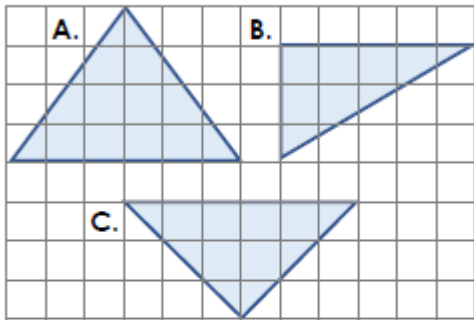


Wednesday (hard) – LO: to calculate the area of a triangle (1)

Varied fluency

7a. Find the area of each triangle by counting the squares, then order them from smallest to largest.



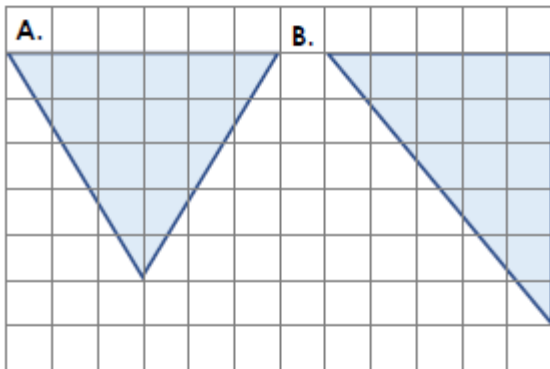
1 square = 2cm^2



Not to scale

VF

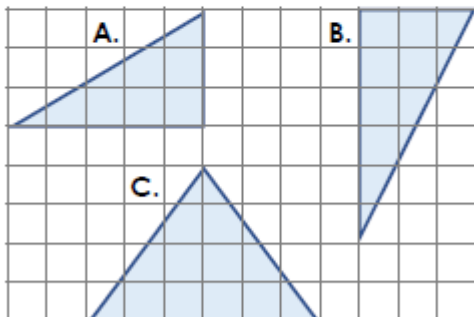
8a. If each square equals 3cm^2 , find the area of these triangles.



Not to scale

VF

9a. Each square equals 2cm^2 . Match each triangle to its area.



24cm^2

15cm^2

18cm^2



Not to scale

VF

Reasoning and problem solving

7b. Use squared paper to draw 3 triangles where 2 have the same area.

Imagine each square is worth 3cm^2 .

Create three questions about the area of the triangles.

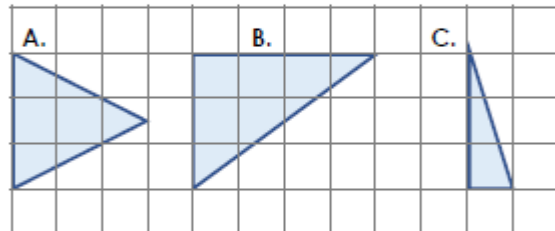
Remember to include answers.



PS

8b. Lily has worked out the area of these triangles, however she's got them all wrong!

1 square = 2cm^2



Area = 13.5cm^2

Area = 18cm^2

Area = 4.5cm^2

Correct and explain her mistakes.



R

9b. Alfie is drawing a triangle.

He says,



My triangle has an area of 30cm^2 . One of its sides is 15cm long.

Use squared paper to draw triangles with the same properties as Alfie's. Imagine each square is worth 3cm^2 .



PS