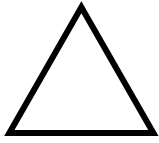
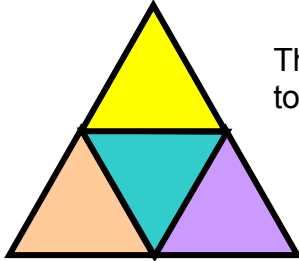


STAINED GLASS WINDOWS...



Stained glass windows can be made using small triangles.



This stained glass window is made from four small triangles joined together. It is 2 triangles wide at the base and 2 triangles high.

a How many small triangles will you need if your window is to be 4 triangles wide and 4 triangles high?

b. Part of the stained glass window shown below, is hidden by a sign. How many small triangles were needed to make this window?



c. How would you advise a friend on how to work out the number of small triangles that would be needed for a window 26 triangles wide?