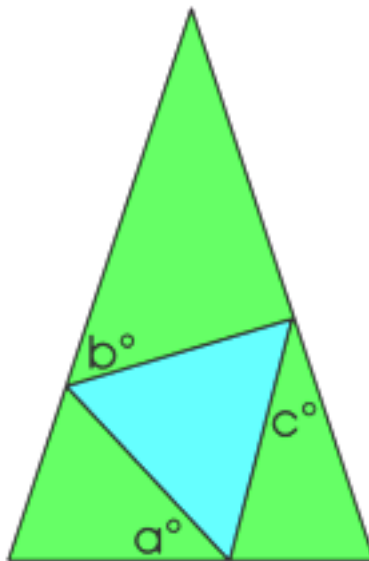The green triangle is an isosceles triangle while the blue triangle is an equilateral triangle

Find a in terms of b and c.

What can you say about the triangles if **a = b = c**?