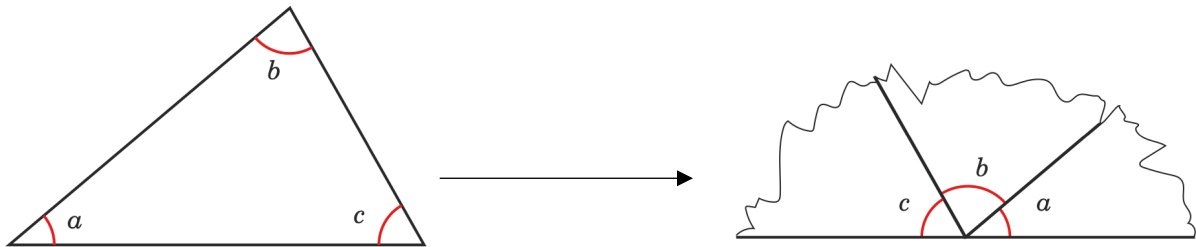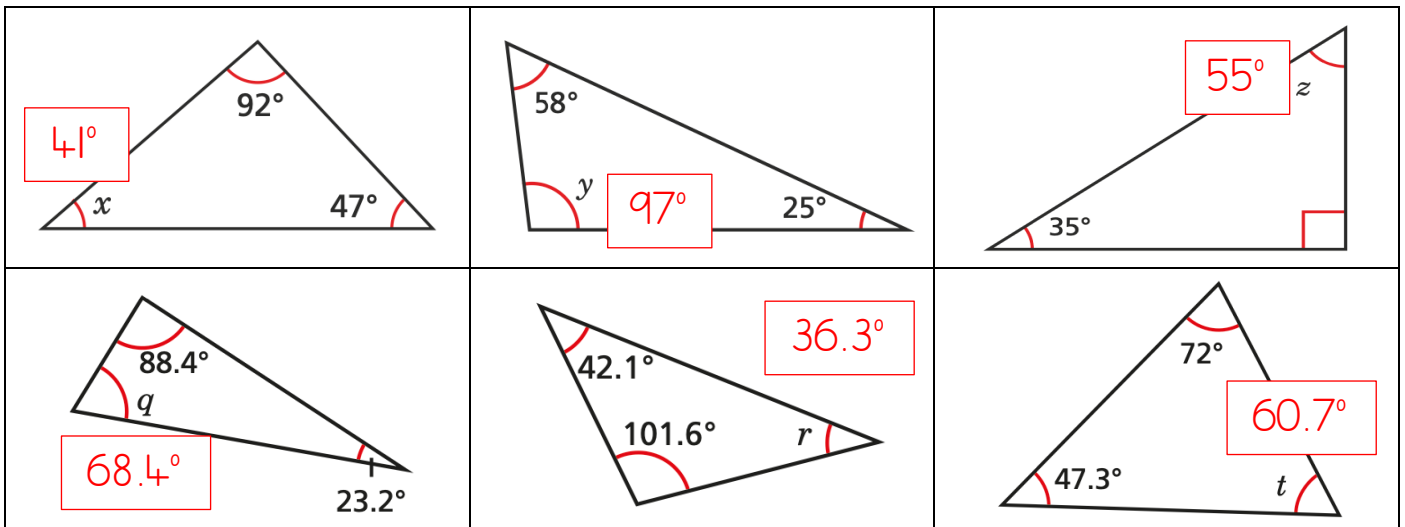12.5.2020

LO: calculate missing angles in a triangle

a) Here is a triangle. The three vertices are torn off the triangle and arranged on a straight line. **What is the sum of the three angles? Explain how you know.**

180°, because this is what angles on a straight line add up to.
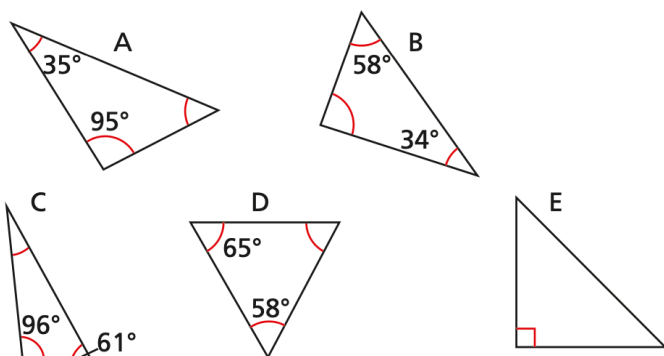
B) Calculate the missing angles below.

CI) Two of the angles in a triangle are 12°. **What is the size of the third angle?**

156°

C2) One of the angles in a triangle is 38°. Another angle is twice the size of the first angle. **What is the size of the third angle?** 68°

D) Sort the triangles into the table. Are any of the columns empty? Explain why.

No acute angles	One acute angle
Two acute angles	**Three acute angles**
A, C, E	B, D