

I have an isosceles triangle.
One angle measures 42 degrees.

What could the other angles measure?

Shania



My angles are 70° , 70° and 40°

Harrison



My angles are 45° , 45° and 90°

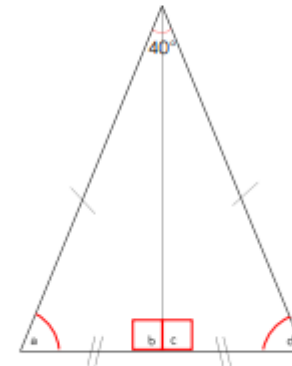
Lucy



My angles are 60° , 60° and 60°

What type of triangle is each person describing?
Explain how you know.

How many sentences can you write to express the relationships between the angles in the triangles?
One has been done for you.



$$40^\circ + a + d = 180^\circ$$