



Name That Triangle!

What different types of triangle can you think of?

Edd said, "There are four types of triangle: equilateral, isosceles, scalene and right-angled."

Fleur said, "There are only three types of triangle. These are equilateral, isosceles and scalene. Right-angled triangles don't count because all right-angled triangles are also isosceles or scalene triangles."

Harmony said, "You can name a triangle using either the sides or the angles of the triangle. Using the sides, you can have equilateral, isosceles and scalene triangles. Using the angles, you get right-angled, acute or obtuse triangles."

Which of these children do you agree with? Why?

We normally name triangles by thinking about the lengths of the sides, but in this activity we will also be naming triangles using their angles. How could we do this? What do you think an 'acute triangle' or an 'obtuse triangle' might look like?

	Equilateral	Isosceles	Scalene
Acute			
Right (angled)			
Obtuse			

This grid is to help us think about different properties of triangles. For example, a triangle drawn in the box at the top on the left, should be able to be described as both acute (when thinking about its angles) and equilateral (when thinking about its sides).

Try to sketch some different triangles to go in each space on the grid. Can you sketch a triangle for every box in the grid? Why/why not?