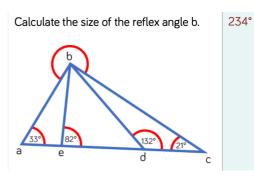


measures 56° The obtuse angle is three times the

smallest angle.



Work out the size of each of the angles in the triangle.

My angles are 70°, 70° and 40°

My angles are 60°, 60° and 60°

Alex is describing an isosceles triangle. Mo is describing an isosceles rightangled triangle. Eva is describing an equilateral

triangle.

Mo

0

Calculate the size of angles a, b and c.

Give reasons for all of your answers.

a is 58 degrees because vertically opposite angles are equal.

c is 57 degrees because angles on a straight line add up to 180 degrees.

b is 65 degrees because angles in a triangle add up to 180 degrees.

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

Explain how you know.

My angles are 45°, 45° and 90°

What type of triangle is each person

Alex

Eva

describing?

What could the other angles measure?

The angles could be: 42°, 42°, 96° or 42°, 69°, 69°