

Some of the squares in the grid we could not fill in such as Equilateral - Right angled and Equilateral - Obtuse as equilateral triangles have angles of 60° , 60° and 60° as all the angles must be equal in an equilateral triangle and all triangles' angles must add up to 180° . As a right angle is equal to 90° and an obtuse angle must be above 90° but below 180° neither of the 2nd or 3rd squares were able to be filled in as 90° and is not 60° and 60 is not between 90 and 180 .

Isosceles - Acute had angles of 70° , 70° and 40° . Isosceles - Right angled had angles of 90° , 45° and 45° . Isosceles - Obtuse had angles of 100° , 40° and 40° . Scalene - acute had angles of 60° , 80° and 40° . Scalene - Right angled had angles of 90° , 50° and 40° . Scalene - Obtuse had angles of 100° , 30° and 50° .

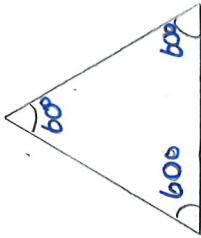
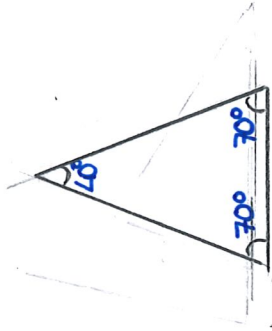
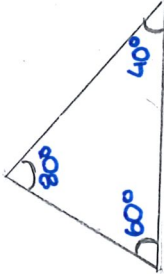
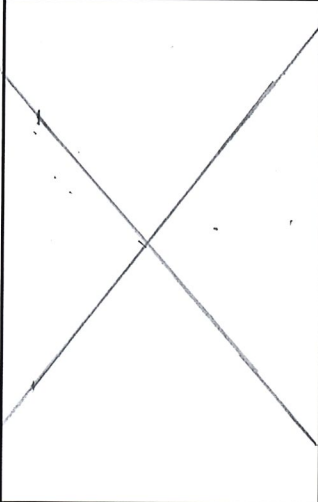
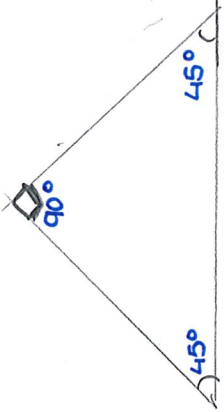
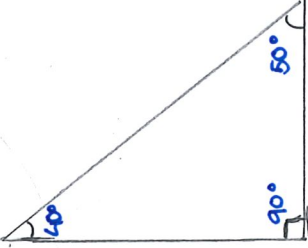
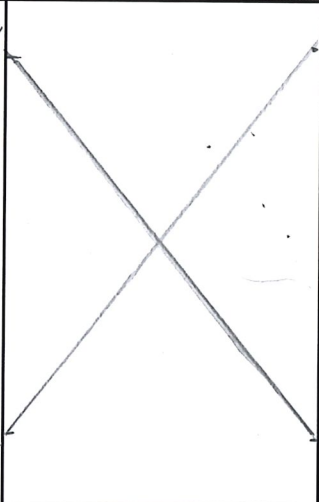
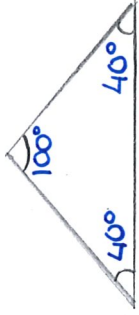
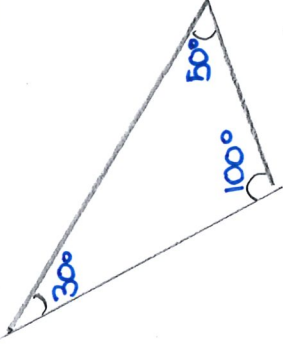
Angle Properties of Equilateral, Isosceles + Scalene Triangles

Isosceles triangles must have two equal angles and a third different angle.

Scalene triangles must have three angles of all different sizes. Equilateral triangles have angles of 60° , 60° and 60° .

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	Equilateral	Isosceles	Scalene
Acute	 <p>Diagram of an equilateral triangle with all three interior angles labeled as 60°.</p>	 <p>Diagram of an isosceles acute triangle with two equal sides and three interior angles labeled as 70°.</p>	 <p>Diagram of a scalene acute triangle with interior angles labeled as 30°, 60°, and 40°.</p>
Right (angled)		 <p>Diagram of an isosceles right triangle with two equal legs, a right angle labeled 90°, and two base angles labeled 45°.</p>	 <p>Diagram of a scalene right triangle with a right angle labeled 90° and two other angles labeled 40° and 50°.</p>
Obtuse		 <p>Diagram of an isosceles obtuse triangle with one obtuse angle labeled 100° and two base angles labeled 40°.</p>	 <p>Diagram of a scalene obtuse triangle with one obtuse angle labeled 100° and two other angles labeled 30° and 50°.</p>

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