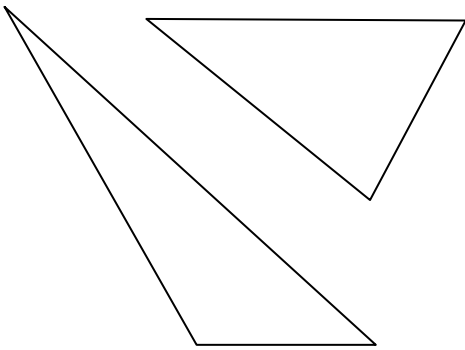


Pre-Algebra Types of Triangles

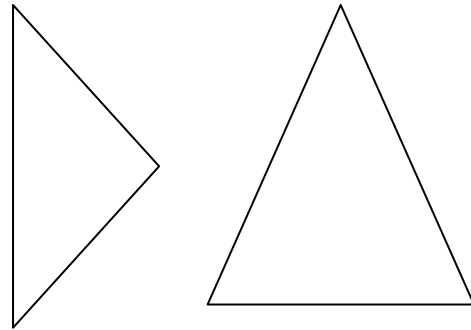
Scalene

A **Scalene Triangle** has 3 sides of different lengths. Because the sides are of different lengths, the angles must also be of different measures.



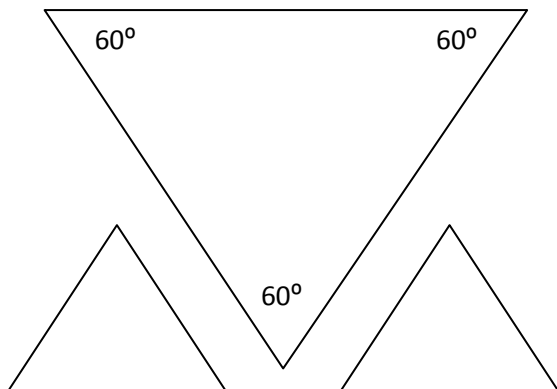
Isosceles

An **Isosceles Triangle** has 2 sides the same length (i.e., congruent). Because two sides are congruent, two angles must also be congruent.



Equilateral

An **Equilateral Triangle** has all 3 sides the same length (i.e., congruent). Because all 3 sides are congruent, all 3 angles must also be congruent. This requires each angle to be 60° .



Right

A **Right Triangle** is one that contains a 90° angle. It may be scalene or isosceles, but cannot be equilateral. Right triangles have sides that meet the requirements of the **Pythagorean Theorem**.

