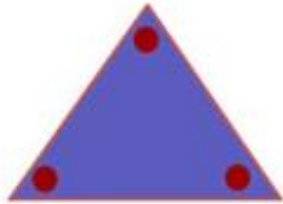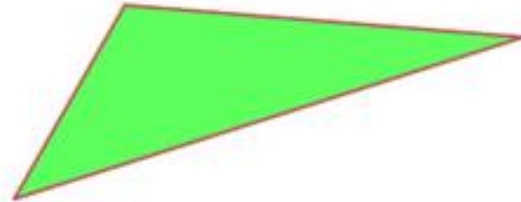# Types of Triangles

There are four main types of Triangles:
Equilateral, **Isosceles**, **Right**, and **Scalene**
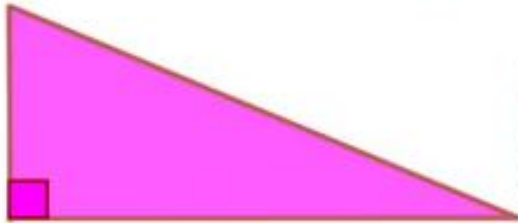
Equilateral -
all three sides
are equal, and
all three equal
angles are 60

Isosceles -
two sides are
equal, and their
two base angles
are equal.

Scalene -
All sides and angles
are different sizes.

Right Triangle -
One of the angles is a
90 degree L shaped angle.

Triangles are also referred to as being either "Acute", "Obtuse", or "Right" Triangles.

"Acute" triangles have all three of their angles less than 90 degrees in size, such as the Equilateral and Isosceles triangles shown ablove.
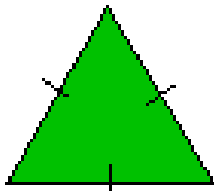
"Obtuse" triangles contain one angle which is larger than 90 degrees, like the Scalene triangle shown above.

A "Right" Triangle that contains one L-shaped 90 degree angle is neither Acute or Obtuse. It is exactly inbetween these two, and is given the special name of "Right Triangle".
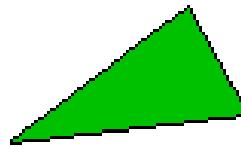
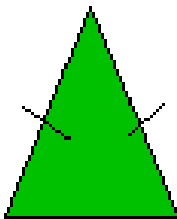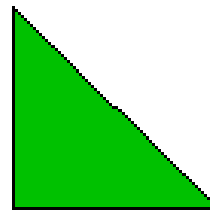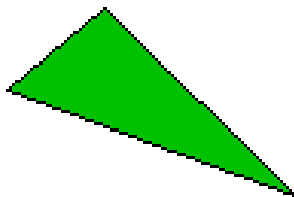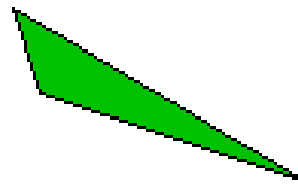| BY SIDE	BY ANGLE
Equilateral Triangle -has three equal sides	**Acute Triangle** -three angles < 90 degrees
Isosceles Triangle -has two equal sides	**Right Triangle** -has one right angle
Scalene Triangle -has no equal sides	**Obtuse Triangle** -has one angle >90 degrees