# KINDS OF TRIANGLES

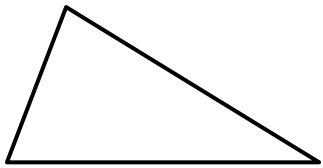
A triangle is a closed three-sided figure with three angles and three sides. In considering triangles, we are concerned with:

a. Kinds of triangles,
b. Congruency of triangles, and
c. Similar triangles.

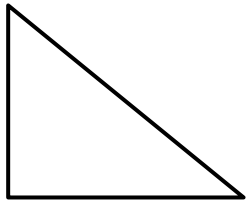
## Kinds of Triangles

There are many different types of triangles. They are scalene, right angled, obtuse angled, isosceles and equilateral triangles.

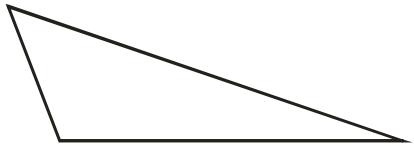
A scalene triangle has three sides of different lengths.



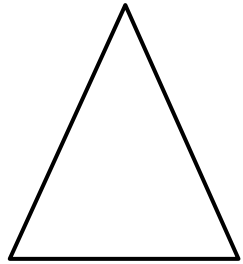
A right angled triangle contains one right angle ($90^{o}$).



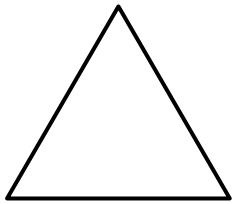
An obtuse angled triangle contains one obtuse angle.



Isosceles (iso means same or equal) triangle has two sides equal in length.



Equilateral triangle has three side all of the same length.



**Note** that the kinds of triangles may be based on sides or angles.