

Def. Triangle

A 3-sided polygon

The symbol for triangle is $\triangle$

**To name a $\triangle$,
use the symbol for $\triangle$ followed by the 3 vertices.**

Classifying Δ 's by angles

Acute Δ - All 3 $\angle$'s of the Δ are acute $\angle$'s

Obtuse Δ - Exactly 1 $\angle$ of the Δ is obtuse, the other 2 $\angle$'s are acute.

Right Δ - Exactly 1 $\angle$ of the Δ is right, the other 2 $\angle$'s are acute.

Equiangular Δ - An acute Δ where all the $\angle$'s are $\cong$.

Classifying Δ 's by sides

Scalene Δ - A Δ where the 3 side lengths are all different measurements.

Isosceles Δ - A Δ where at least 2 side lengths are the same measurement.

Equilateral Δ - A Δ where all 3 side lengths are the same measurement.

Names of the parts of an Isosceles Δ

