

# Exploring Triangles

An **equilateral triangle** has 3 equal sides.



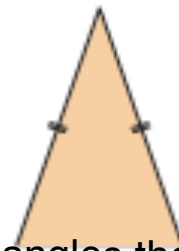
- all 3 angles are 60
- 3 lines of **symmetry**
- also known as an **acute** triangle; All angles less than 90

A **scalene triangle** has no equal sides.



- all angles different
- no lines of symmetry

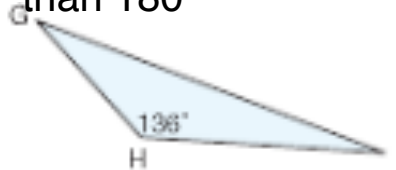
An **isosceles triangle** has 2 equal sides.



- 2 angles the same
- 2 lines of symmetry

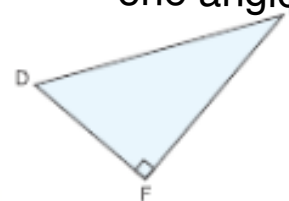
## Obtuse Triangle

- one angle is greater than 90



## Right Triangle

- one angle is 90

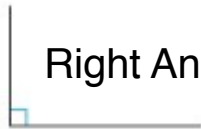


## Angles

Straight Angle  
180



Right Angle, 90



Acute Angle  
- less than 90



Obtuse Angle  
- greater than 90  
- less than 180



Reflex Angle  
- greater than 180  
- less than 360

