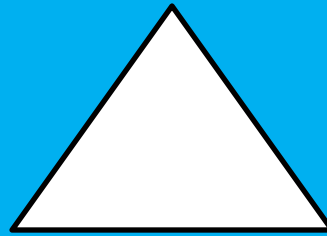


# Triangles And Angles

Dia Uno

# Types of Triangles (Sides)

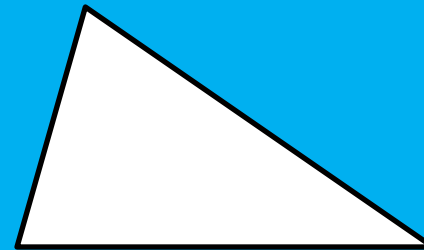
- Equilateral  
3 congruent sides  
3 congruent angles



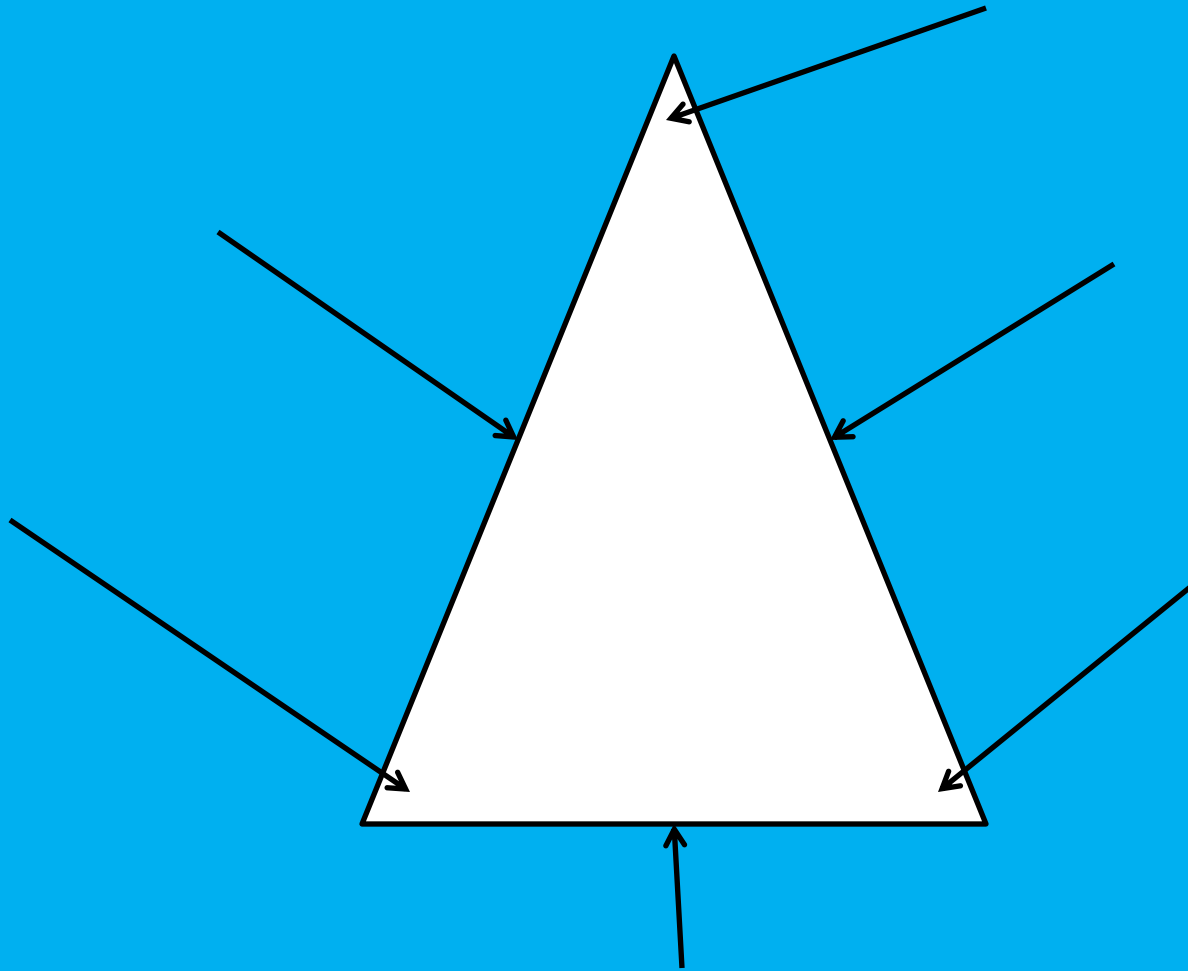
- Isosceles  
At least 2 congruent sides  
At least 2 congruent angles



- Scalene  
No congruent sides  
No congruent angle

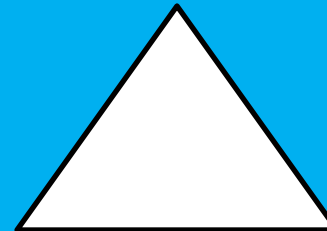
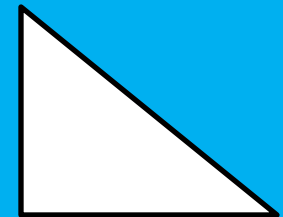
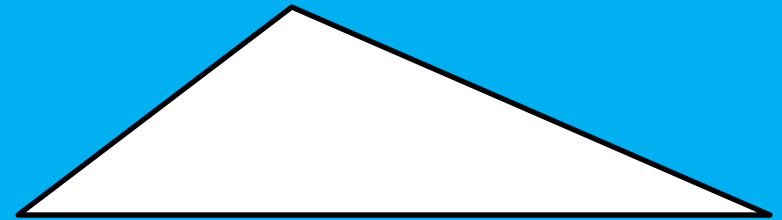


# Isosceles Triangle

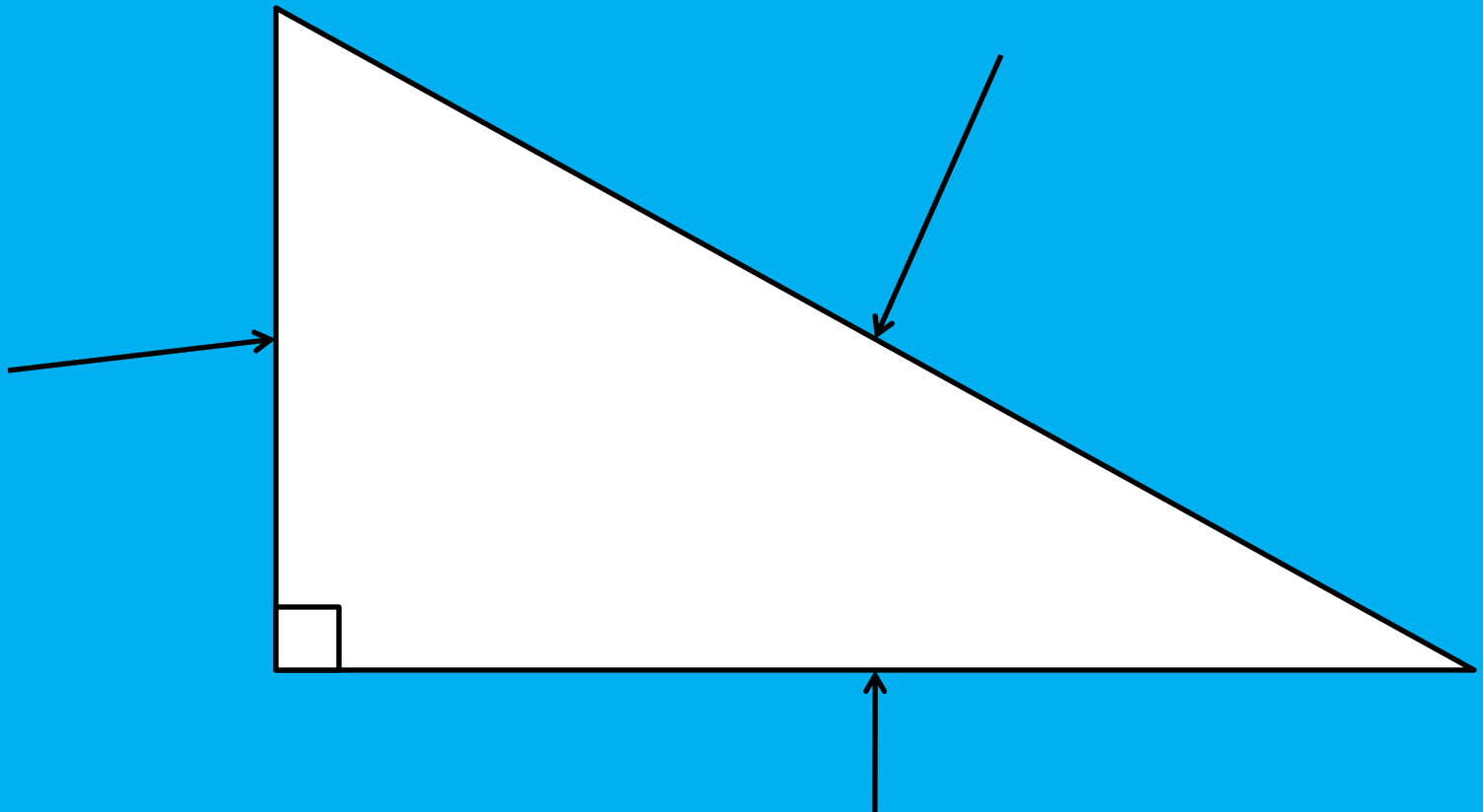


# Types of Triangles (Angles)

- Acute  
Has 3 acute angles
- Obtuse  
Has 1 obtuse angle
- Right  
Has 1 right angle
- Equiangular (Equilateral)  
Has 3 congruent angles
- Sum of all the angles = ?



# Right Triangle



# Other Triangle Terms

- Vertex – Each corner of a triangle is considered a vertex. (Isosceles Triangle)
- Interior and Exterior Angles
- Opposite Side
- Opposite Angle

Classify the triangle by its sides and  
its angles.

Fill in the blank with ALWAYS,  
SOMETIMES, or NEVER.

An isosceles triangle is \_\_\_\_\_ a right triangle.

An obtuse triangle is \_\_\_\_\_ a right triangle.

A right triangle is \_\_\_\_\_ an equilateral triangle.

A right triangle is \_\_\_\_\_ an isosceles triangle.