

9-4 Triangles 12/8

SWBAT: Discover Properties
of Triangles.

Classifying Triangles

NAME 2 WAYS

by Angle.

Acute - ALL \angle 's $< 90^\circ$

RIGHT - One $\angle = 90^\circ$

$90^\circ, 45^\circ, 45^\circ$, $30^\circ, 60^\circ, 90^\circ$

Obtuse - One $\angle, > 90^\circ$ or $< 180^\circ$

Interior Angles Sum = 180°

$$m\angle 1 + m\angle 2 + m\angle 3 = 180^\circ$$

By Side ;

Scalene - no = sides

Isosceles - 2 = sides

Equilateral - All sides =
(Equiangular)

