

# Classifying Triangles by Angle Measure AND by Side Length

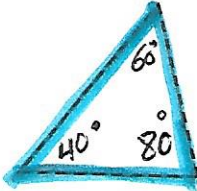
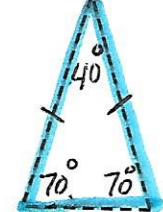
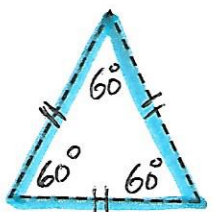
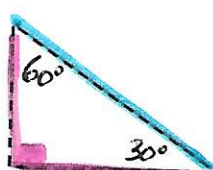
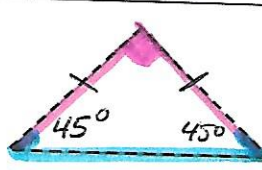

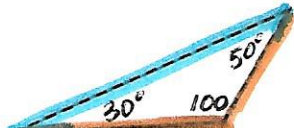


Color Key

- acute
- right
- obtuse

\* Measure of Angles of Triangle =  $180^\circ$

Side Lengths		
<b>Scalene</b> <ul style="list-style-type: none"> <li>No Congruent Sides</li> </ul>	<b>Isosceles</b> <ul style="list-style-type: none"> <li>At LEAST 2 Congruent Sides</li> </ul>	<b>Equilateral</b> <ul style="list-style-type: none"> <li>All 3 Congruent Sides</li> </ul>

Angle Measure

<b>Acute</b> <ul style="list-style-type: none"> <li>3 Acute Angles (all angles measure less than <math>90^\circ</math>)</li> </ul>			
<b>Right</b> <ul style="list-style-type: none"> <li>1 Right Angle</li> <li>2 Acute Angles</li> </ul>			 not possible
<b>Obtuse</b> <ul style="list-style-type: none"> <li>1 Obtuse Angles</li> <li>2 Acute Angles</li> </ul>			 not possible
<b>Equiangular</b> <ul style="list-style-type: none"> <li>3 Congruent Acute Angles</li> </ul>	Not possible 