Lesson 6-5

Classifying Triangles

**Classifying Triangles by Sides**

\_\_\_\_\_\_\_\_\_\_\_ triangle \_\_\_\_\_\_\_\_\_\_\_\_\_ triangle \_\_\_\_\_\_\_\_\_\_\_\_\_ triangle

All sides are the Two sides are the same No sides are the same

same length length length

**Classifying Triangles by Angles**

\_\_\_\_\_\_\_\_\_\_\_ triangle \_\_\_\_\_\_\_\_\_\_\_\_\_ triangle \_\_\_\_\_\_\_\_\_\_\_\_\_ triangle

One angle is a right All three angles are One angle is an obtuse

angle acute angles angle

The three angles of all triangles add up to \_\_\_\_\_\_\_\_\_\_.

Below we are going to draw a picture to prove this.