Angle-Side-Side Activity Worksheet

1. Sketch $\triangle ABC$, and label the measures of $\overline{AB}$, $\overline{BC}$ and $\angle A$.

2. Sketch the second $\triangle ABC$, and label the measures of $\overline{AB}$, $\overline{BC}$ and $\angle A$.

3. Does knowing 2 sides and a non-included angle (A-S-S) guarantee a unique triangle? What evidence have you discovered that leads you to answer this question the way you have?

4. What type of angle must $\angle A$ be in order to guarantee only one triangle is possible? Did you find success finding a second triangle on page 1.6 ? Why or why not?