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 ∠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?

Activity worksheet is to supplement TI-nspire Activity: Angle-Side-Side. Both TInspire Activity and worksheet have been written by Angie DeVoss, Astronaut High School, Titusville, FL.