## Angle-Side-Side Activity Worksheet

1. Sketch $\triangle A B C$, and label the measures of $\overline{A B}, \overline{B C}$ and $\angle A$.
2. Sketch the second $\triangle A B C$, and label the measures of $\overline{A B}, \overline{B C}$ 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?

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.

