Name:

Date:

School:

Facilitator:

4.05 Explore

**Use ACCESS - Base Angles to answer the questions below.**

*Triangle 1 is a triangle with two congruent sides, AC and AB. Use the slider to adjust the length of the legs. You can also drag the points to manipulate Triangle 1.*

1. How do the base angles change as the lengths of the legs change?
2. What is the relationship between the base angles?
3. When the legs are long, what can you say about the measure of the base angles?

*Triangle 2 is a triangle with two congruent base angles. Use the slider to adjust the measure of the base angles. You can also drag the points to manipulate Triangle 2.*

1. How do the legs change as the base angles change?
2. What is the relationship between the legs?
3. When the measure of the base angles is small, what can you say about the length of the legs?