**M20 Principles – Sine Law Investigation Name: \_\_\_\_\_\_\_\_\_\_\_\_\_**

Measure and record all sides and angles in the following triangle.

A

 a = \_\_\_\_\_\_\_ 

c

b

b = \_\_\_\_\_\_\_ 

*B*

c = \_\_\_\_\_\_\_ 

a

*C*

Use your calculator to complete the following calculations.

 

 

 

What do you notice? What can we say about angle-side pairs in acute non-right triangles?

Visit <http://glenreesor.ca/trigonometry-sine-law/> to explore this further.