**Exploring SSA Triangles:**

Use geogebra to explore SSA triangles. Go to the website listed below.

<http://ggbm.at/PTxw5fzF>

Use the Ambiguous Case SSA worksheet to explore what the types and number of triangles you can make with the given sides and angle.

Use the sliders to change the measures of the sides and angle. Explore the types and number of triangles you can make with the given sides and angle.

Under what conditions is no triangle possible for SSA? Draw an illustration of this situation.

Under what conditions is exactly one triangle possible for SSA? Draw an illustration of this situation.

Under what conditions are two triangles possible for SSA? Draw an illustration of this situation.