**Supplementary Activity**

**Unit 4 Investigation 6**

**Meaning of Trigonometric Ratios**

Open the file: <http://tube.geogebra.org/material/simple/id/2057567>

Explore the meaning of the sine, cosine, and tangent ratios.

1. State in your own words what you have observed using this applet.

Press the reset button. Then move the vertices of the two acute angles to change the measure of the purple angle.

1. What do you observe?
2. Is it possible for any of the three ratios to be greater than 100%? Explain.