

Name: _____

Date: _____

BLM 7-10

Section 7.3 Explore the Sine and Cosine Ratios

Use this worksheet to help you with step 4 in the exploration on page 348.

- 4. a)** Record the side lengths of each triangle in steps 1 to 3 in the table below. Express each ratio to three decimal places.

Reference Angle	Opposite Side	Adjacent Side	Hypotenuse	$\frac{\text{Opposite Side}}{\text{Hypotenuse}}$	$\frac{\text{Adjacent Side}}{\text{Hypotenuse}}$
Angle A					
Angle D					
Angle G					
Angle B					
Angle E					
Angle H					

- b)** Compare your ratios with those of a classmate. Describe any patterns that you notice.

