

## Lesson 2: The Sine and Cosine Ratios

Review what you have learned prior to completing the Lesson Assignment.

### Key Ideas

- $\text{sine of angle } \theta = \frac{\text{length opposite } \theta}{\text{hypotenuse}}$
- $\text{cosine of angle } \theta = \frac{\text{length adjacent to } \theta}{\text{hypotenuse}}$
- Label the sides of the triangle with adjacent to, opposite and hypotenuse prior to deciding which trigonometric ratio to use.

### Key Terms

- sine
- cosine
- tangent
- side opposite  $\theta$
- side adjacent to  $\theta$
- hypotenuse
- trigonometry