

## Trigonometry Chapter 6 Objectives

### 6.1~6.4

- Use the Law of Sines to solve triangles
- Determine the area of an oblique triangle
- Use geometry and the Law of Sines to determine the distance between point
- Use the Law of Cosines to solve triangles
- Use geometry and the Law of Cosines to determine the length of sides on a triangle
- Find the magnitude of a vector on a coordinate
- Find the component form of a vector
- Add vectors
- Find the magnitude and direction of a vector
- Find the dot product of vectors
- Determine whether vectors are orthogonal, parallel, or neither
- Apply the use of vector dot product to solve a problem.