Unit 6: Trigonometry

Trigonometry is a branch of mathematics studying triangles and relationships between their angles and side lengths.

Basic Trigonometric Ratios				
Name	Abbreviation	Relationship	Formula	Acronym

Labeling Triangles

- Use upper case letters for vertices.
- Use lower case letters for side.
- Use the symbol for an angle _____ combined with a capital letter of the vertex, use the symbol for an angle and a triple formed by capital letter, or use a Greek letter.

Labeling Right-Angled Triangles

Grade 8	Grade 10 onwards

Definition of an Angle

Negative and Positive Angles

Angle Categories Based on Their Degree Measures

Name	Degree Measure	Diagram

- **A full rotation = _____ .**

Angles in Standard Position

Signs of the Basic Trigonometric Ratios

Reference Angle

Special Triangles