Right Triangles and Trigonometry Unit

Using this study guide will help you prepare for your exam and ensure that you learn the most important content. Keep it in your notebook or computer and take notes as you progress through the unit.

Introduction:

1. What are my unit goals/objectives?

2. My personal goal is to complete this unit by:

Section B: Ratios of Right Triangles

What is the ratio of the sine of an angle?

What is the ratio of the cosine of an angle?

What is the ratio of the tangent of an angle?

Make a chart of the sine, cosine and tangent of 30°, 60° and 45°.

The cosecant of an angle is the reciprocal of what function? What is the ratio of the cosecant of an angle?

The secant of an angle is the reciprocal of what function? What is the ratio of the secant of an angle?

The cotangent of an angle is the reciprocal of what function? What is the ratio of the cotangent of an angle?

Practice entering trigonometric functions as well as inverse trigonometric functions into your calculator. Make notes of how your specific calculator works and the buttons you push.