

## 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 C: Graphs of Trigonometric Functions

Sketch the sine function.

What is the domain of the sine function?

What is the range of the sine function?

What is the y-intercept of the sine function?

What are the x-intercepts of the sine function?

Sketch the tangent function.

What is the domain of the tangent function?

What is the range of the tangent function?

What is the y-intercept of the tangent function?

What are the x-intercepts of the tangent function?

What do the vertical asymptotes represent? Where are they?

Sketch the cosine function.

What is the domain of the cosine function?

What is the range of the cosine function?

What is the y-intercept of the cosine function?

What are the x-intercepts of the cosine function?