

## Conic Sections 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 D: Hyperbolas

Describe the standard equations of a hyperbola with a center at the origin, including vertices, co-vertices, and foci.

Describe the standard equations of a hyperbola with a center at point  $(h, k)$ , including vertices, co-vertices, and foci.

How do you write the equation of a hyperbola?

Describe the symmetry of a hyperbola.