Systems of Equations and Inequalities 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 A: Matrices and Determinants

Describe how a matrix is organized? What are the dimensions of a matrix? What is a matrix address?

How are matrices added and subtracted? What must be true of the two matrices in order for addition or subtraction to occur?

Describe scalar multiplication of matrices?

How can you tell if two matrices can be multiplied?

Describe the process of matrix multiplication.

How do you find the determinant of a 2 x 2 matrix?