1050 Week at a Glance:
Week 1

Objectives

Review prerequisite material

1.1 Coordinates
- Plot points on the Cartesian Plane
- Determine the distance between two points
- Determine the midpoint of a segment
- Model and solve real life problems

1.2 Graphs of Equations
- Sketch the graph of a two variable equation
- Find x and y intercepts of an equation
- Use symmetry to sketch a graph
- Use graphs to solve problems

1.3 Linear Equations in Two Variables
- Determine the slope of a line
- Recognize that slope stands for something in the real world
- Use slope to write equations of parallel and perpendicular lines
- Model real problems in two variables
- Learn techniques of Quick draw for lines

Study Tip of the Week:
It takes time for your brain to process math ideas. Start early in the week. Schedule multiple blocks of time throughout the week to work on math.   Even though the quiz is due before the HW, try to do as much of the HW as you can by Thursday, so that you are prepared for the quiz. Then use the weekend to finish up any remaining HW problems.

Due by Sun 11 pm
- ☐ **Canvas Quiz Week 1**

Due by Mon of next week, 11 pm
- ☐ **WebAssign HW 1.1**
- ☐ **WebAssign HW 1.2**
- ☐ **WebAssign HW 1.3**

To Do:

Supplementary Materials:

- ☐ Review *Topics to Review from Math 1010* (and the solutions)

For Lesson 1.1

- ☐ Book reading
- ☐ Print blank slides
- ☐ Watch lecture videos
  - ☐ Practice Problems
- ☐ WebAssign Problems

For Lesson 1.2

- ☐ Book reading
- ☐ Print blank slides
- ☐ Watch lecture videos
  - ☐ Practice Problems
- ☐ WebAssign Problems

For Lesson 1.3

- ☐ Book reading
- ☐ Print blank slides
- ☐ Watch lecture videos
  - ☐ Practice Problems
- ☐ WebAssign Problems