Lesson #8 C Reveiw Assignment #3: Graphing One and Two Variable Equations (Reference: Lesson #20, #35, #41 & #49 in book)

Problem

1. For each of the following equations/functions please convert equations from Standard form (Ax + By = C) into Slope-Intercept Form (y = mx + b), then graph the function, and find the x and y intercepts and slope.

1.
$$-4x + 8y = -16$$

- 2. 5x 5y = -10
- 3. For each of the following equations/functions please graph the equations using your x and y intercepts method and then based on the graph figure out the slope of the line.

3.
$$-7x + 8y = -56$$

- 4. 3x 5y = -30
- 5. For each of the following equations/functions use an x/y chart to get points for the graph, then graph the equation, and find the x and y intercepts and the slope of the line.

5.
$$-3x + y = -6$$

- 6. 4x 2y = -2
- 7. For each of the following equations/functions please graph the equations using the method of your choice. After graphing each equation/function find the x and y intercepts and the slope of each line.

7.
$$-2x + 2y = -2$$

8. 3x - 6y = 12