

**Practice Quiz #2: Graphing One and Two Variable Equations (2nd Edition)**  
**(Reference: Lesson #20, #35, #41 and #49 in book)****Problem**

1. For each of the following equations/functions please solve for the variable, then graph then function and find the x and y intercepts and slope.

1.  $5(2x + 6) = -4(-5 - 2x) + 3x$

2.  $-5(1 - 5y) + 5(-8y - 2) = -4y - 8y$

3. 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 then function, and find the x and y intercepts and slope.

3.  $-12x + 6y = -6$

4.  $-3x - 6y = 12$

5. 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.

5.  $-6x + 5y = -30$

6.  $2x - 6y = -18$

7. 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.

7.  $-5x + 5y = 10$

8.  $-8x + 2y = -4$

9. 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.

9.  $-10x + 5y = -10$

10.  $-6x - 2y = -12$