Practice Quiz #2: Graphing One and Two Variable Equations (3rd 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. $32 - 12x = 32 - 8(x + 2)$

   2. $8(1 + 5y) + 5 = -22 + 5y$

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

   4. $5x - 5y = -10$

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

   6. $3x - 5y = -30$

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. $-3x + y = -6$

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

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

10. $3x - 6y = 12$