

Unit #2 Test Review-Review Assignment #2: Graphing One and Two Variable Equations (Reference: Lesson #19, #20, #21, #23, #25, #26, #28, #29, #30, #35, #41, #49, #115 & #119 in book)

Problem

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

1. $7x + 7 - 5x - 13 = x + 1$

2. $3(2y - 3) - 2y + 8 = 3y + 3$

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 or equation and find the x and y intercepts and slope of each function or equation.

3. $-6x + 2y = -10$

4. $-4x + 2y = -10$

5. For each of the following equations/functions please graph the equations using your x and y intercepts and then based on the graph give me the slope of the equation/function.

5. $3x + 6y = -18$

6. $-7x + 3y = -21$

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 slope of each function or equation..

7. $x - y = 3$

8. $-3x + y = -9$

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 slope.

9. $9x - 3y = -18$

10. $-2x - 4y = -8$