**Graphing Linear Equations/Alg II Ch 2**

Name the three different forms of a linear equation that can represent a graphed line:

1)

2)

3)

Explain how to graph each of the three different forms of the above equations.

1)

2)

3)

Graph the following equations using the form they are in. DO NOT REWRITE THE EQUATIONS!! Write the coordinate(s) you are using and, if applicable, the slope.

1) 2x – 2y = 10 2) y – 3 = – 2(x + 4) 3) y = $\frac{-3}{4}$x + 5

4) y = – 2x – 4 5) – x + 4y = – 12 6) 4x + 2y = 10

7) y + 4 = $\frac{2}{3}$(x – 1) 8) y + 5 = $\frac{6}{5}$(x + 2) 9) y = $\frac{4}{3}$x – 6

10) – 5x + 2y = 12 11) y – 4 = $\frac{-2}{5}$(x – 2) 12) y = 4x + 3