

## Algebra II Class Worksheet #1 Unit 2

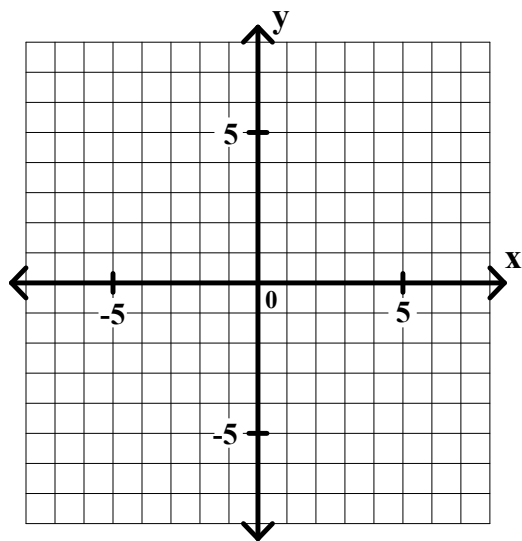
For each of the following linear equations in two variables: (a) find the x and y intercepts, (b) write the equation in slope-intercept form, and (c) graph the equation.

1.  $4x - 3y = 6$

(a) x-intercept: \_\_\_\_ y-intercept: \_\_\_\_

(b) slope intercept equation: \_\_\_\_\_

(c)

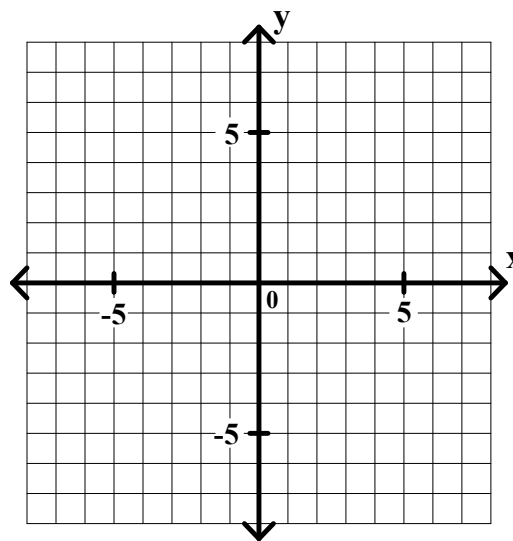


2.  $2x + 5y = -10$

(a) x-intercept: \_\_\_\_ y-intercept: \_\_\_\_

(b) slope intercept equation: \_\_\_\_\_

(c)



Graph each of the following. Label each graph with its equation.

3.  $3x + 4y = 12$

5.  $x - 5y = -5$

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

6.  $x + 4y = -12$

