

Math 94 Homework #7 3.1 and 3.2

Name: _____

Show your work on this paper for credit.

Plot the points and label them by their number.

1.) (-2, -3)

2.) (1, 0)

3.) (-1, 5)

4.) (0, -3)

5.) (4, 3)

6.) Through 10.) Give the coordinate of each point in the figure at the right and tell what quadrant they fall into:

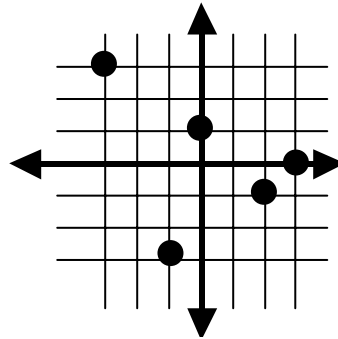
6.)

7.)

8.)

9.)

10.)



11.) Which of the ordered pairs is a solution?

$$3x + 4y = 18$$

(6,0) (0,6) (10,3) $\left(\frac{16}{3}, \frac{1}{2}\right)$

Give the x-intercept and y-intercept: (Be sure to label them correctly)

12.) $2x + 3y = 9$

13.) $y = 2x - 1$

Complete the ordered pairs:

14.) $5x - 2y = 4$

15.) $y = \frac{2}{3}x - 1$

a.) $(0, \underline{\quad})$

b.) $(\underline{\quad}, 0)$

c.) $\left(\underline{\quad}, \frac{1}{2}\right)$

a.) $(0, \underline{\quad})$

b.) $(\underline{\quad}, 0)$

c.) $(\underline{\quad}, 3)$