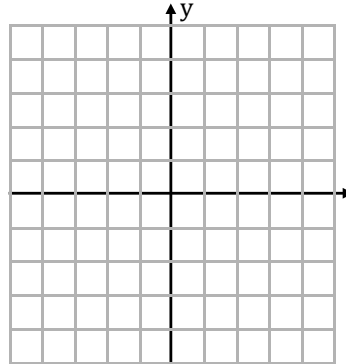


The Rectangular Coordinate System  
Graphing Linear Equations

Plot the points on the grid at the right. Be sure to label them with the appropriate letter.

1.  $A (1, -2)$
2.  $B (0, 4)$
3.  $C (-2, 3)$
4.  $D (-3, -4)$
5.  $E (4, -2.5)$



Be sure to show your work for the following problems.

Complete the ordered pair solutions for the given equations.

6.  $3x - 2y = 12$        $(0, \underline{\quad})$        $(\underline{\quad}, 0)$        $(-2, \underline{\quad})$
7.  $4x = -3y$        $(0, \underline{\quad})$        $(-3, \underline{\quad})$        $(\underline{\quad}, 8)$
8.  $6 + x = 0$        $(\underline{\quad}, 0)$        $(\underline{\quad}, 3)$        $(\underline{\quad}, -\frac{3}{4})$

9. To find the  $x$ -intercept for the graph of  $3x - 2y = 9$ , we let  $\underline{\quad} = 0$ .

Graph each of the following lines on your own paper giving the intercepts for each line as indicated below.

	$x$ -intercept	$y$ -intercept
10. $x - 2y = 1$		
11. $3x - 5y = 2$		
12. $3x + y = 0$		
13. $y - 5 = 0$		
14. $2x = -6 + y$		
15. $5x - 4y = 1$		