

**Practice Set 4.2**  
Graphing Linear Equations Using Intercepts

Find the  $x$ -intercept and the  $y$ -intercept of the graph of each equation. Do not graph the equation.

1.  $5x - 3y = 15$  1. \_\_\_\_\_

2.  $2x - y = 4$  2. \_\_\_\_\_

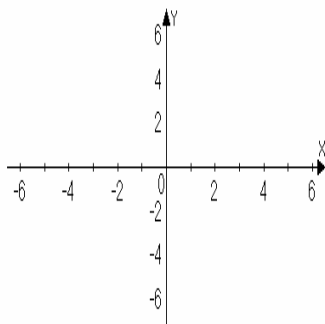
3.  $x + y = 0$  3. \_\_\_\_\_

4.  $3x + 2y = -6$  4. \_\_\_\_\_

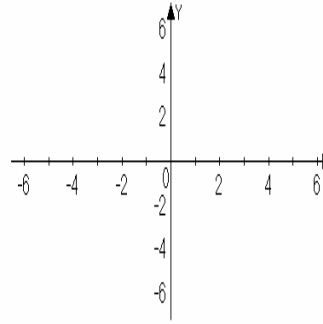
5.  $4x - 3y = 7$  5. \_\_\_\_\_

Use intercepts and a check point to graph each equation.

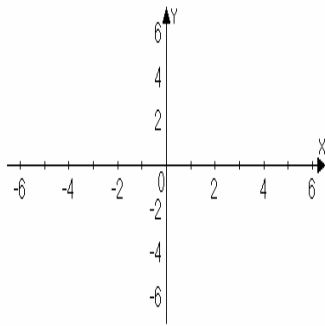
6.  $x + y = 4$



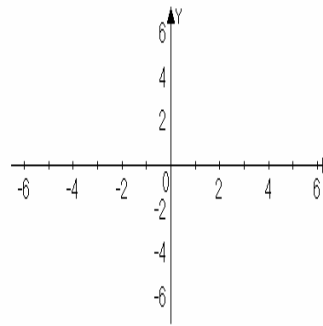
7.  $2x - 4y = 8$



8.  $3x = 2y + 6$



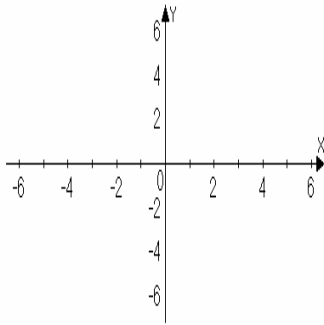
9.  $y - 2x = 0$



Name \_\_\_\_\_

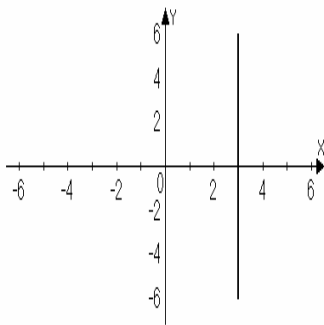
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10.  $2x + 3y = 5$



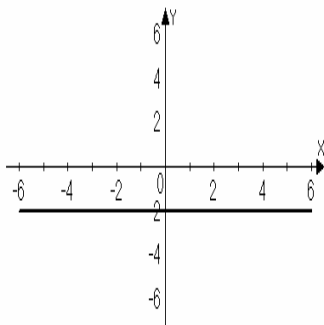
Write an equation for each graph.

11.



11. \_\_\_\_\_

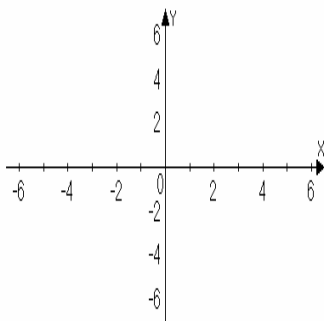
12.



12. \_\_\_\_\_

Graph each equation.

13.  $x + 2 = 0$



14.  $2y - 6 = 0$

