

## Graphing Linear Equations HW-1

Date \_\_\_\_\_ Period \_\_\_\_\_

**Decide which two points lie on the graph of the line.**

1)  $x + y = 6$   
a. (2, 2) b. (5, 1)

2)  $3x + y = 10$   
a. (3, 1) b. (1, 3)

3)  $x + y = 2$   
a. (6, 4) b. (5, 7)

4)  $2x + 2y = 6$   
a. (-4, 5) b. (6, -3)

**Solve equation for y.**

5)  $8x - 5y = -15$

6)  $2x - 3y = -3$

7)  $7x + 2y = -10$

8)  $4x + y = -4$

9)  $6x + y = 4$

10)  $2x - y = -5$

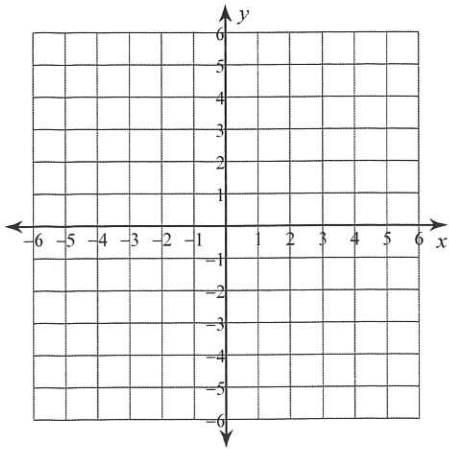
Graph the equation.

1. Solve for y

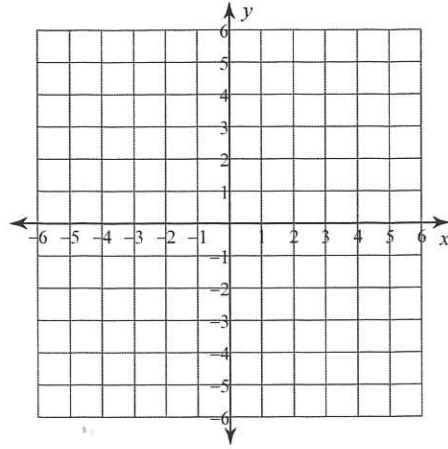
2. Make a table

3. Plot and connect

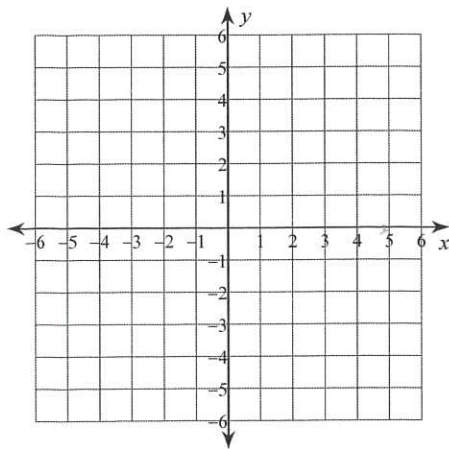
11)  $y = -4$



12)  $x + y = 4$



13)  $5x + 3y = 15$



14)  $2x + 5y = -25$

