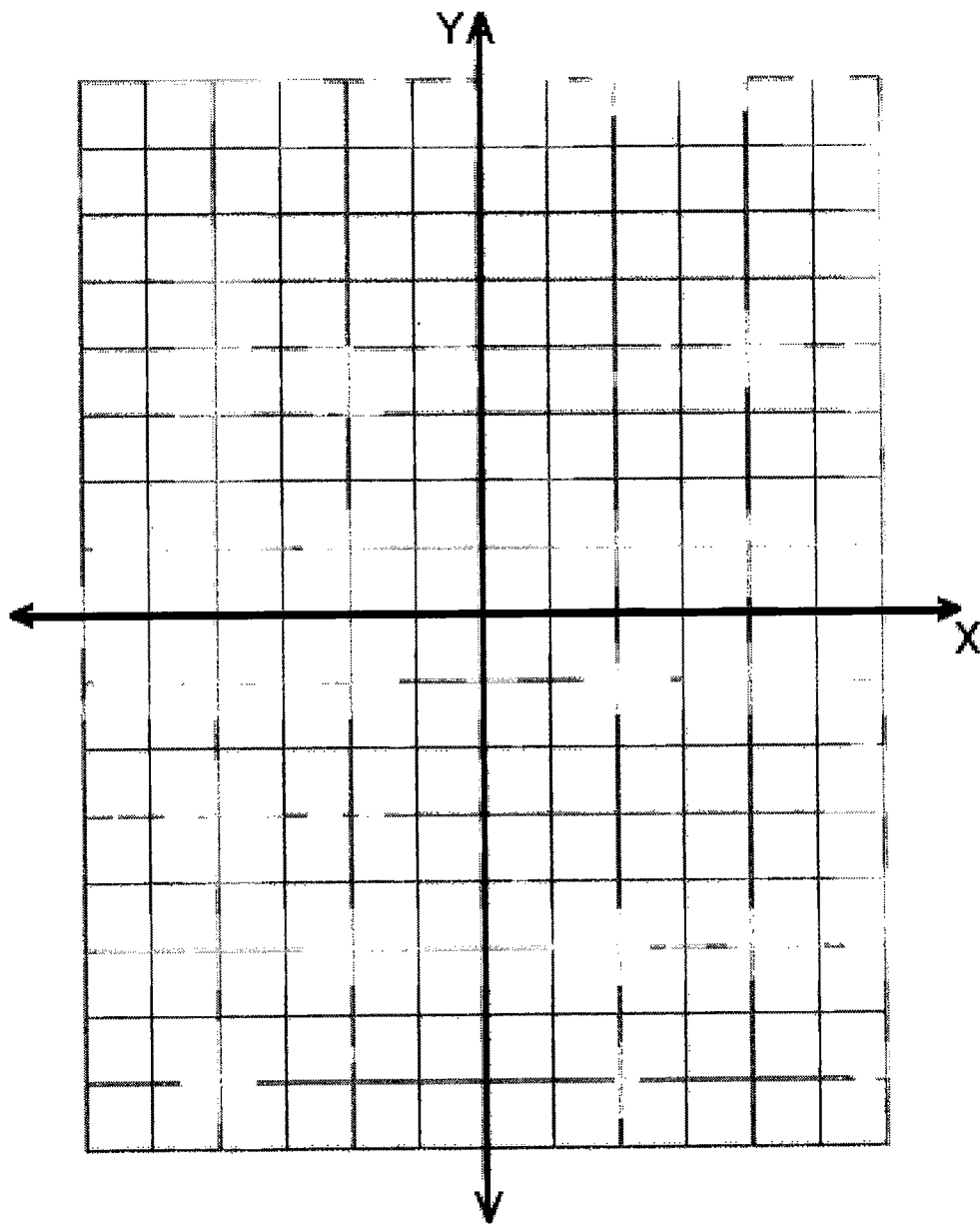




Solve The system of equations with a Graph

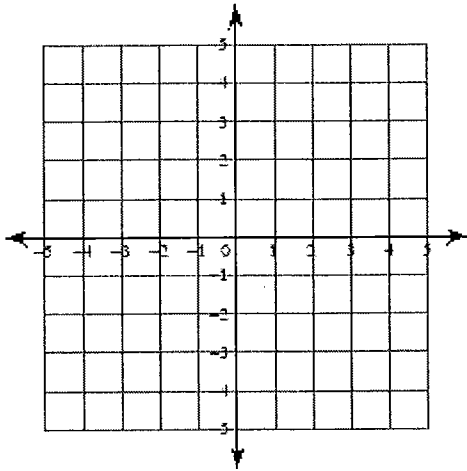
$$y = 6x - 3$$

$$-4x + y = -1$$

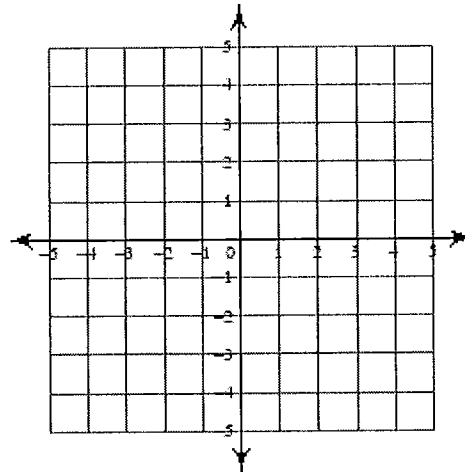


Solve each system by graphing.

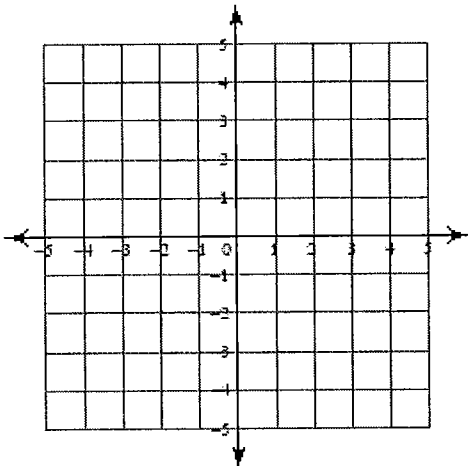
1)  $y = x - 1$   
 $y = -2x - 4$



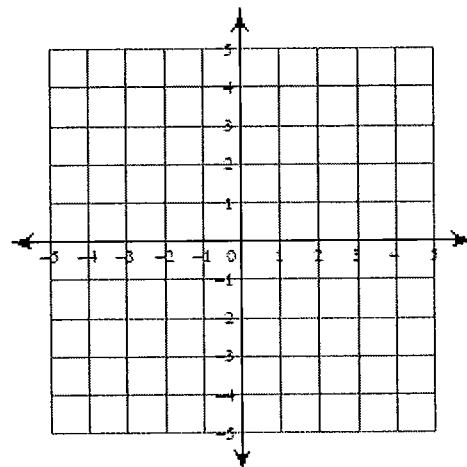
2)  $y = -2x + 4$   
 $y = x + 1$



3)  $y = -\frac{1}{2}x + 2$   
 $y = \frac{5}{2}x - 4$



4)  $y = -\frac{1}{3}x + 3$   
 $y = -2x - 2$



## Solve with Substitution

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Easy

$$y = -x - 1$$

$$2x + y = 1$$

Solution \_\_\_\_\_

Check

1<sup>st</sup> equation

2<sup>nd</sup> equation

**Solve with Substitution**

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$$y = -3x + 7$$
$$-4x - 2y = -8$$

Solution \_\_\_\_\_

**Check**  
**1<sup>st</sup> equation**

**2<sup>nd</sup> equation**

**Re-Write an equation First**

$$7x - 2y = 5$$

$$2y - 4x = -8$$

Solution \_\_\_\_\_

**Check**

**1<sup>st</sup> equation**

**2<sup>nd</sup> equation**

**Re-Write an equation First**

$$x + 7y = -14$$

$$-3x + 8y = 13$$

Solution \_\_\_\_\_

**Check**

**1<sup>st</sup> equation**

**2<sup>nd</sup> equation**