

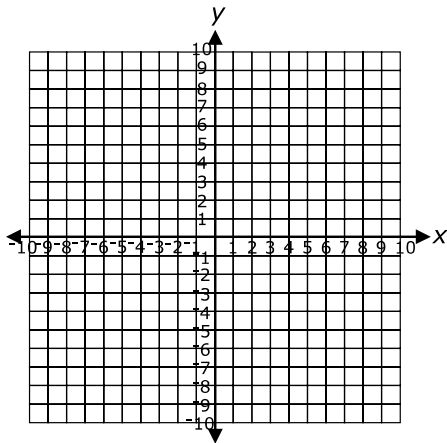
## LESSON 23: Solving Systems by Graphing

## Homework

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**Directions:** Find the solution to each system of equations by graphing.

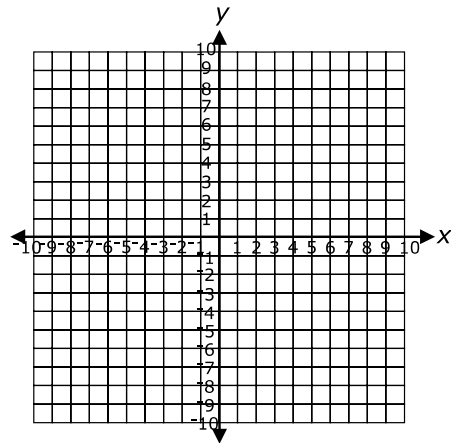
1.  $y = -x + 4$

$y = 3x$



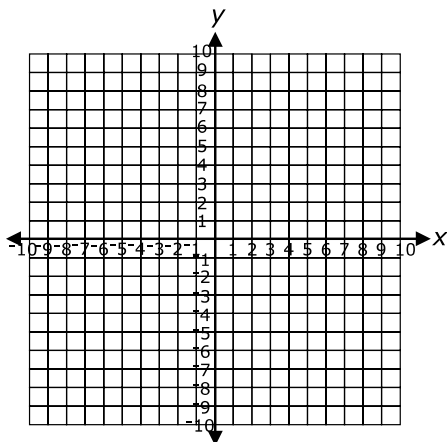
2.  $y = x - 3$

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



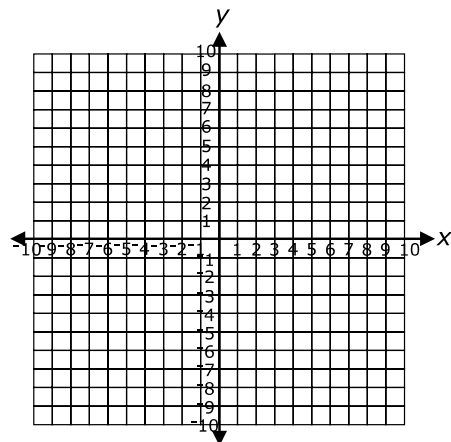
3.  $y = 3x + 1$

$y = 3x + -4$



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

$3y = x + 6$



## LESSON 23: Solving Systems by Graphing

**Homework**

.....  
**Directions:** Decide if the system of equations has one solution, no solutions, or many solutions.

**5.**  $x + y = 2$

$x - y = 2$

**6.**  $y = 4x - 3$

$2y = 8x - 6$

**7.**  $5x + 2y = 10$

$5x + 2y = -10$

**8.**  $x - y = 9$

$x - y = -1$

**9.**  $y = \frac{x}{2} + 2$

$y = 2x + 2$

**10.**  $x + y = 0$

$2x + 2y = 0$