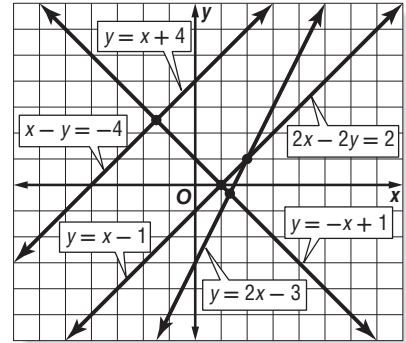


6-1 Skills Practice

Graphing Systems of Equations

Lines already graphed in problems 1-4. You should need to see if/how they cross.

Use the graph at the right to determine whether each system is *consistent* or *inconsistent* and if it is *independent* or *dependent*.

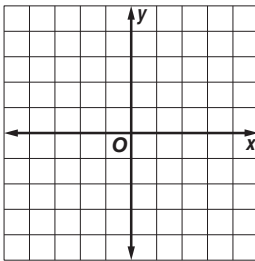


Lesson 6-1

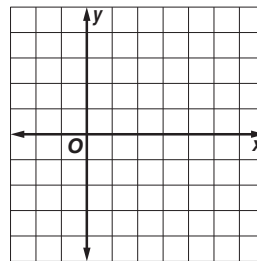
- | | |
|--|---|
| <p>1. $y = x - 1$
$y = -x + 1$</p> <p>3. $y = x + 4$
$2x - 2y = 2$</p> | <p>2. $x - y = -4$
$y = x + 4$</p> <p>4. $y = 2x - 3$
$2x - 2y = 2$</p> |
|--|---|

Graph each system and determine the number of solutions that it has. If it has one solution, name it.

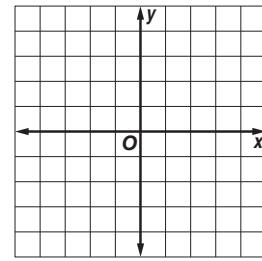
5. $2x - y = 1$
 $y = -3$



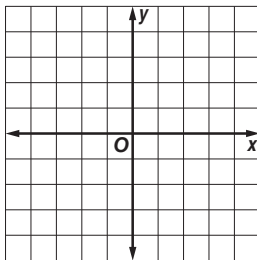
6. $x = 1$
 $2x + y = 4$



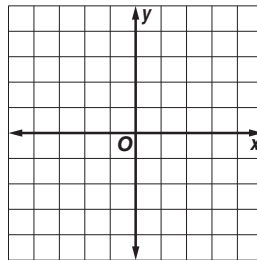
7. $3x + y = -3$
 $3x + y = 3$



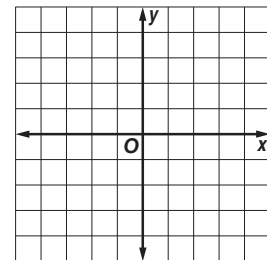
8. $y = x + 2$
 $x - y = -2$



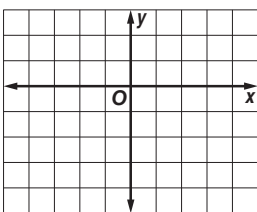
9. $x + 3y = -3$
 $x - 3y = -3$



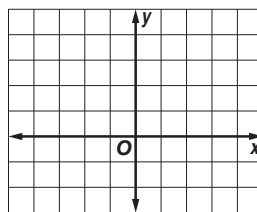
10. $y - x = -1$
 $x + y = 3$



11. $x - y = 3$
 $x - 2y = 3$



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



13. $y = 2x + 3$
 $3y = 6x - 6$

