

6-1 Skills Practice

Graphing Systems of Equations

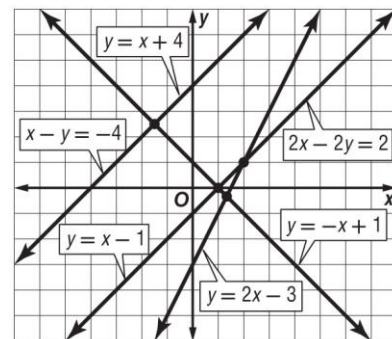
Use the graph at the right to determine whether each system is *consistent* or *inconsistent* and if it is *independent* or *dependent*.

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

3. $y = x + 4$
 $2x - 2y = 2$

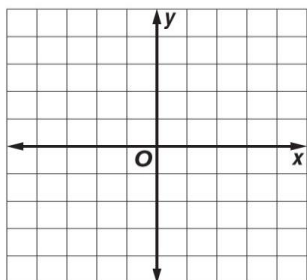
2. $x - y = -4$
 $y = x + 4$

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

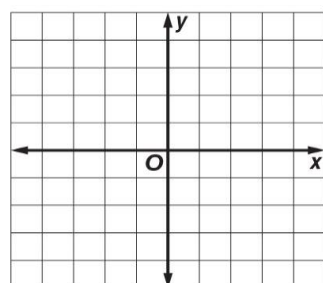


Graph each system and determine the number of solutions that it has. If it has one solution, name it.

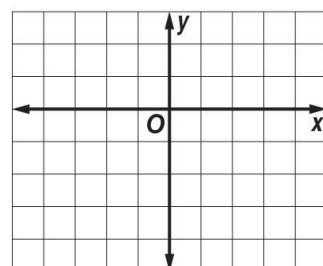
5. $2x - y = 1$
 $y = -3$



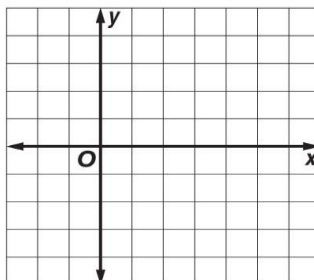
8. $y = x + 2$
 $x - y = -2$



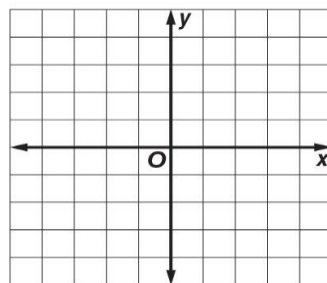
11. $x - y = 3$
 $x - 2y = 3$



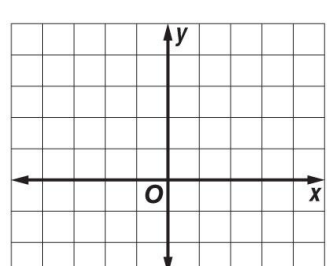
6. $x = 1$
 $2x + y = 4$



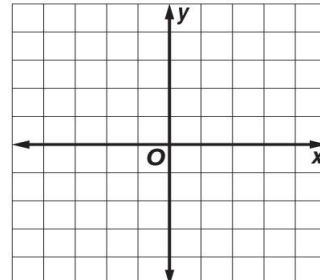
9. $x + 3y = -3$
 $x - 3y = -3$



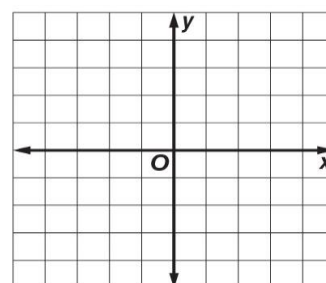
12. $x + 2y = 4$
 $y = -\frac{1}{2}x + 2$



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



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



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

