

Paper Practice 7.1

Graphing Systems of Equations

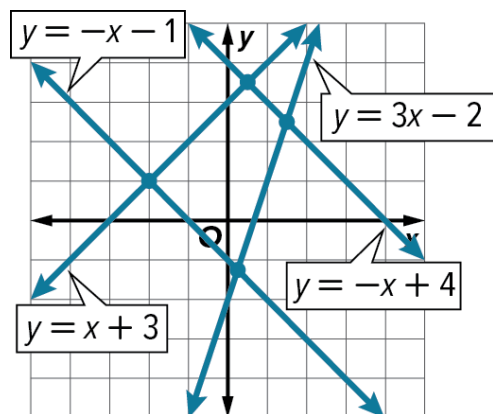
Use the graph to determine the number of solutions the system has.

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

2. $y = -x - 1$
 $2x + 2y = 8$

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

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



Determine the number of solutions the system has.

5. $2x - y = -3$
 $4x - 2y = 2$

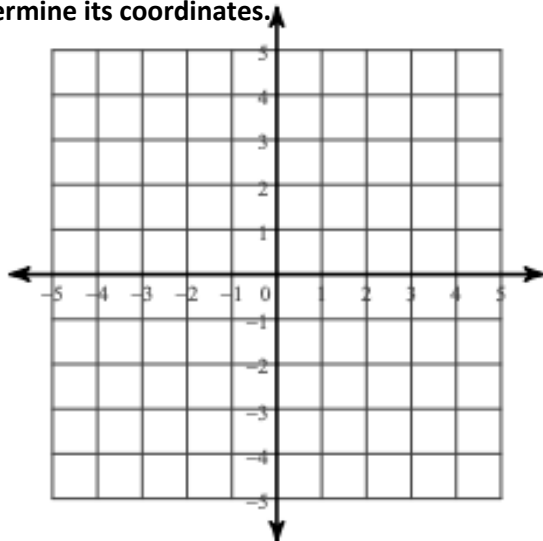
6. $y = 3x + 4$
 $y = -3x + 4$

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

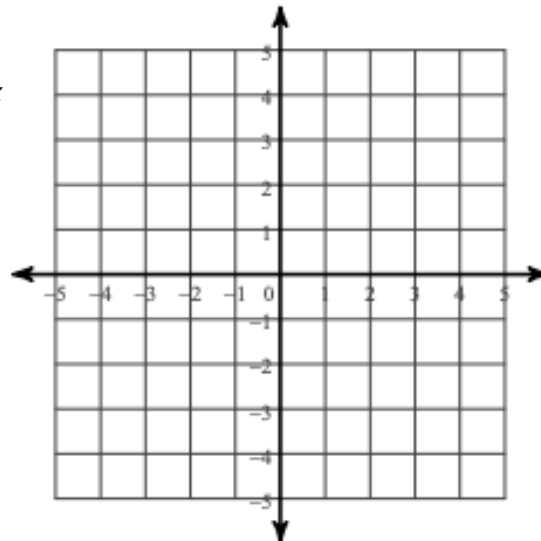
8. $6x + 2y = 14$
 $y = -3x + 7$

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

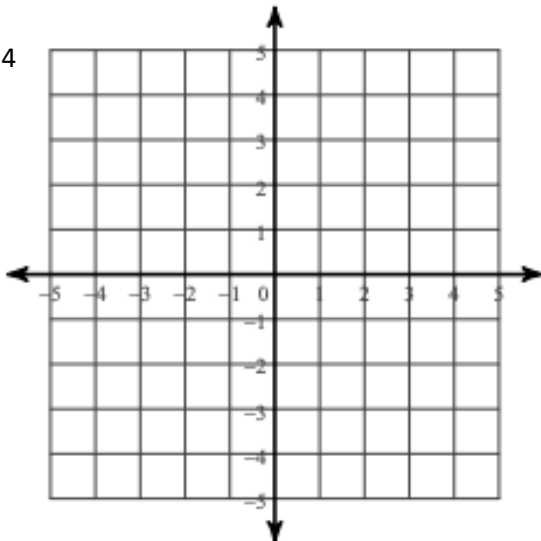
9. $y = 2x + 6$
 $y = -4x$



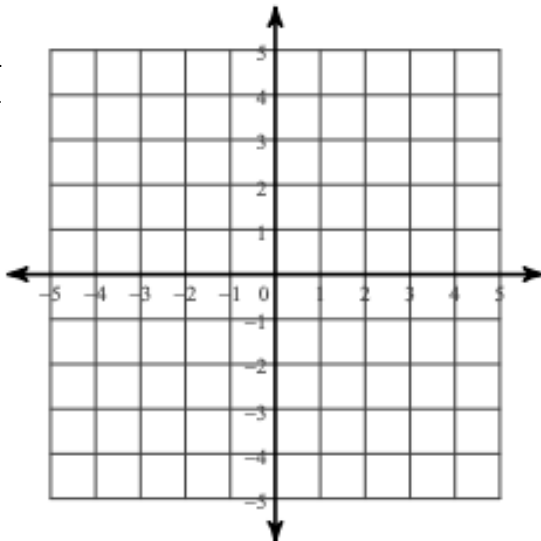
10. $3x + y = 2$
 $y - 2 = -3x$



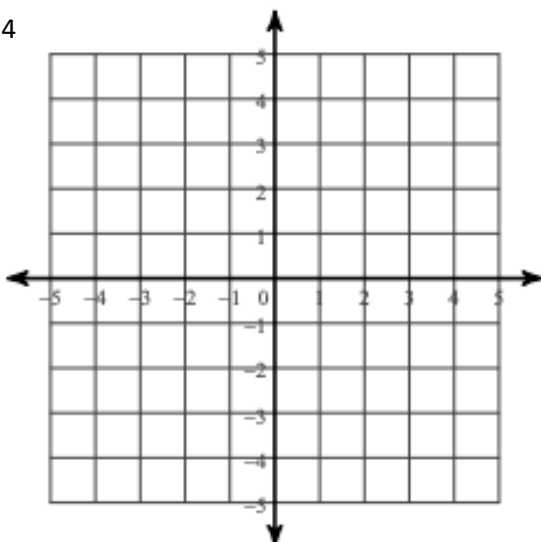
11. $2x + 2y = 4$
 $y = 2x - 1$



12. $y = -2x + 1$
 $2x + y = -1$



11. $2x + 2y = 4$
 $y = 2x - 1$



12. $y = -2x + 1$
 $2x + y = -1$

