

## Review Game

(Use with Lesson 8-5)

## Systems of Equations and Inequalities Crossword Puzzle

## ACROSS

4. A system that is both consistent and dependent has \_\_\_\_\_ solution(s).
5. A good solution method to use with the following system is \_\_\_\_\_.  
 $-4x + 3y = 7$   
 $x = 7y + 10$
7.  $2x + y = -1$  is a system of linear \_\_\_\_\_.  
 $x - 4y = 3$
10. A good solution method to use with the following system is \_\_\_\_\_.  
 $3x + 5y = -11$   
 $-2x + 5y = 12$
12. The graph of the solution of a system of inequalities is the intersection of \_\_\_\_\_.
13. In a dependent system of linear equations, the graphs of the lines are \_\_\_\_\_.
14. In an inconsistent system of linear equations, the graphs of the lines are \_\_\_\_\_.

## DOWN

1. To estimate the solution of a system of linear equations, a good solution method to use is \_\_\_\_\_.
2.  $x - 3y = 1$   
 $2x + 5y = -6$  is a(n) \_\_\_\_\_ system.
3.  $-5x + \frac{1}{2}y = 3$   
 $10x - y = -6$  is a(n) \_\_\_\_\_ system.
4.  $3x - 4y = 10$   
 $-\frac{3}{2}x + 2y = 7$  is a(n) \_\_\_\_\_ system.
6.  $3x + y \geq -10$   
 $x + y \leq 6$  is a system of linear \_\_\_\_\_.
8. A good solution method to use with the following system is \_\_\_\_\_.  
 $3x + 4y = 1$   
 $5x - 4y = 6$
9. A system that is inconsistent has \_\_\_\_\_ solution(s).
11. A system of linear equations that has exactly one solution is consistent and \_\_\_\_\_.

