

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 _____.

