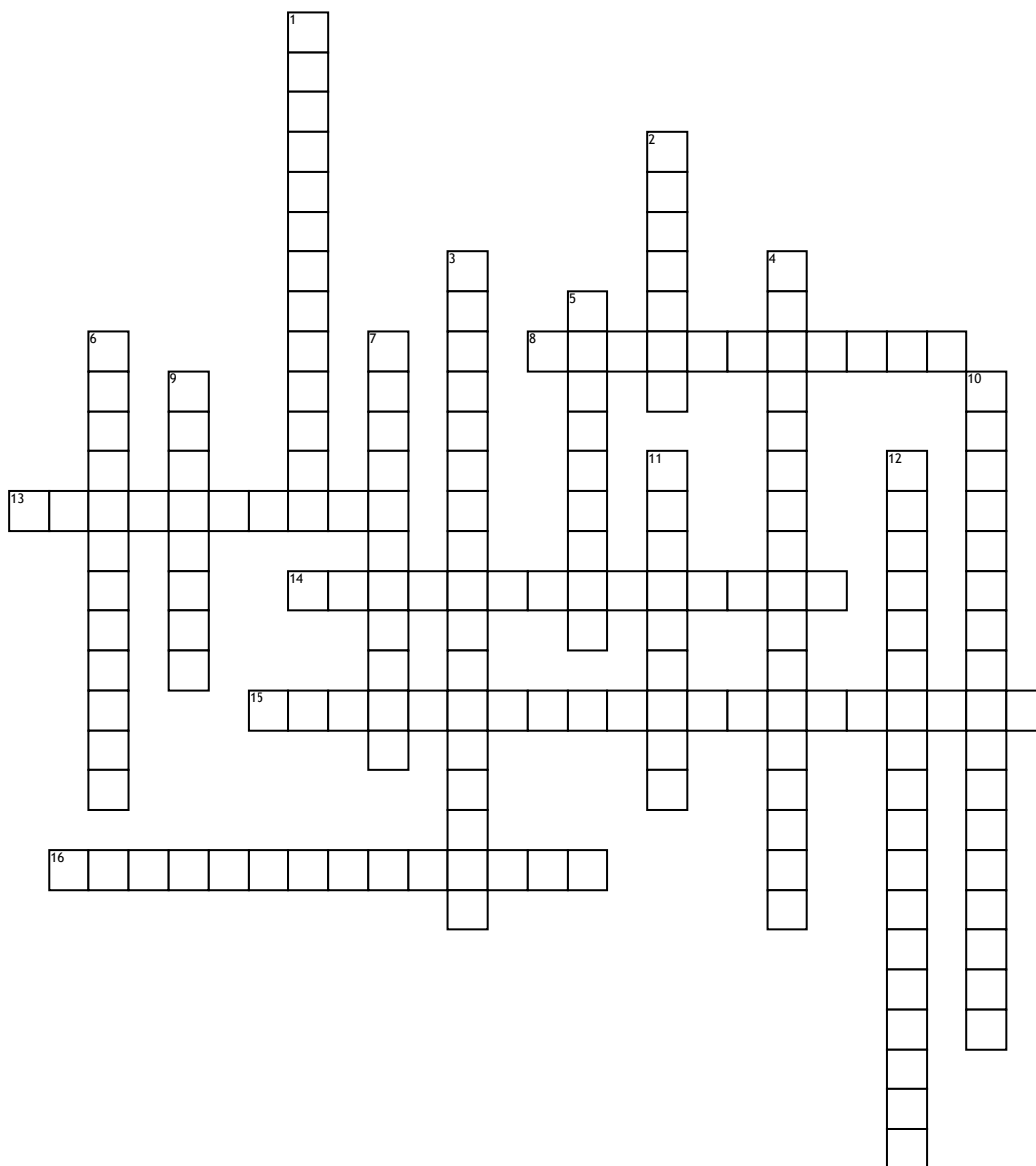


Name: _____

Date: _____

Algebra 2 Ch. 3



Across

8. If the system of equations has exactly one solution, it is _
13. A system of equations is _ if it has at least one solution
14. The vertices of the solution set
15. Solving a _ means finding the ordered pairs that satisfy all of the inequalities in the system
16. Point at which the income equals the cost

Down

1. A solution of such a system is an _ (x,y,z)
2. The feasible region is enclosed
3. Algebraic method to solve a system when one of the variables has the same coefficient in both equations
4. Method for finding minimum or maximum values of a function
5. The feasible region is open and can go on forever

6. A system of equations is _ if it has no solutions
7. Limitation or restriction
9. To seek the best price or amount to minimize costs or maximize profits
10. Two or more equations with the same variables
11. If system of equations has an infinite solutions, it is _
12. One algebraic method for solving systems of equations