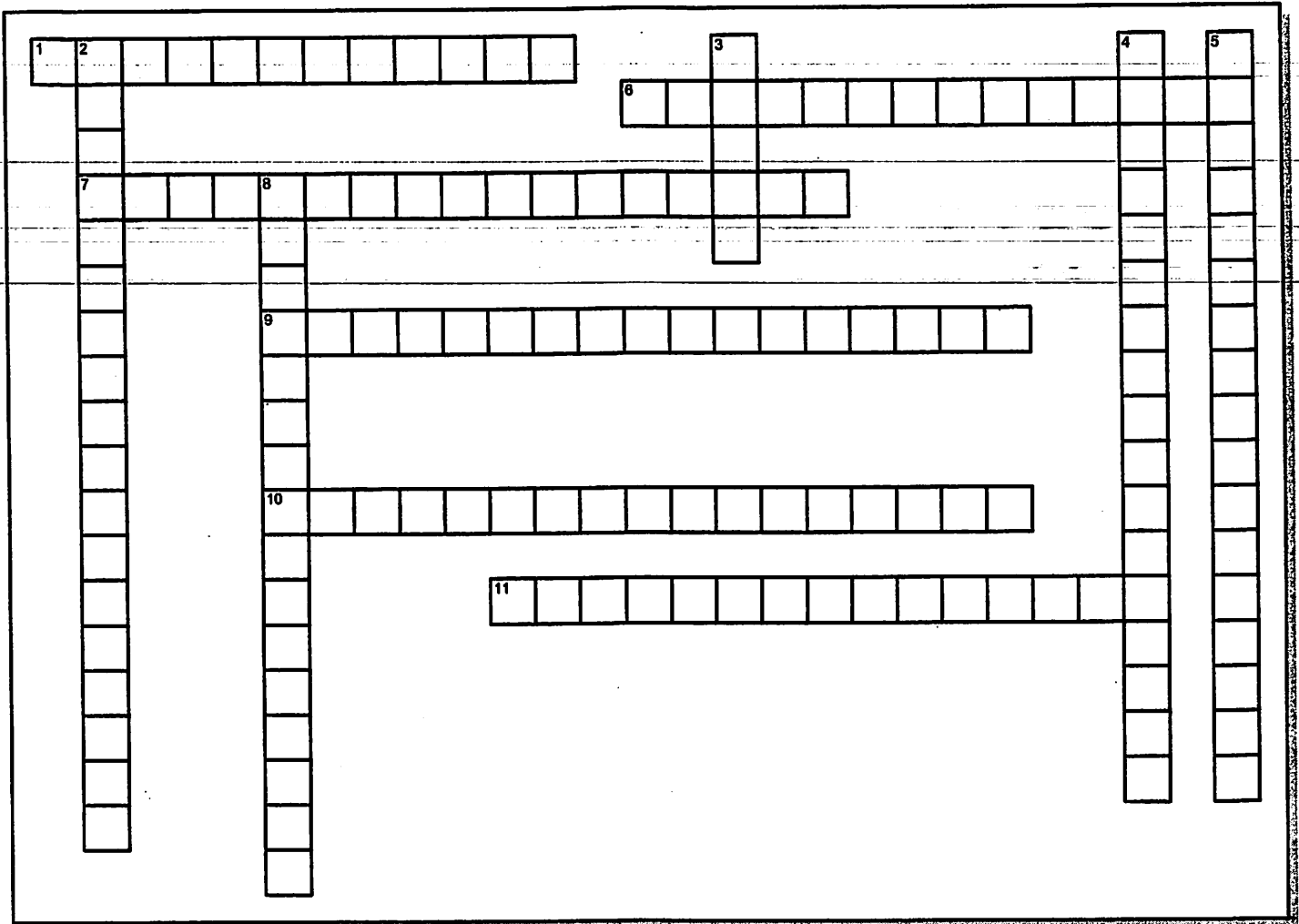


Name: _____ Class: _____ Date: _____

Holt McDougal Algebra 2
Chapter 3 Vocab

Instructions: Complete the crossword puzzle. Use the clues to help identify the words.



Across

1. A system of equations containing only linear equations.
6. The set of points that satisfy the constraints in a linear-programming problem.
7. The function to be maximized or minimized in a linear programming problem.
9. A set of two or more equations that have two or more variables.
10. A method used to solve systems of equations in which one variable is eliminated by adding or subtracting two equations of the system.
11. A system of equations that has infinitely many solutions.

Down

2. A system of equations or inequalities that has no solution.
3. The third axis in a three-dimensional coordinate system.
4. A method of finding a maximum or minimum value of a linear function, called the objective function, that satisfies a given set of constraints.
5. A system of equations that has exactly one solution.
8. A system of equations or inequalities that has a least one solution.