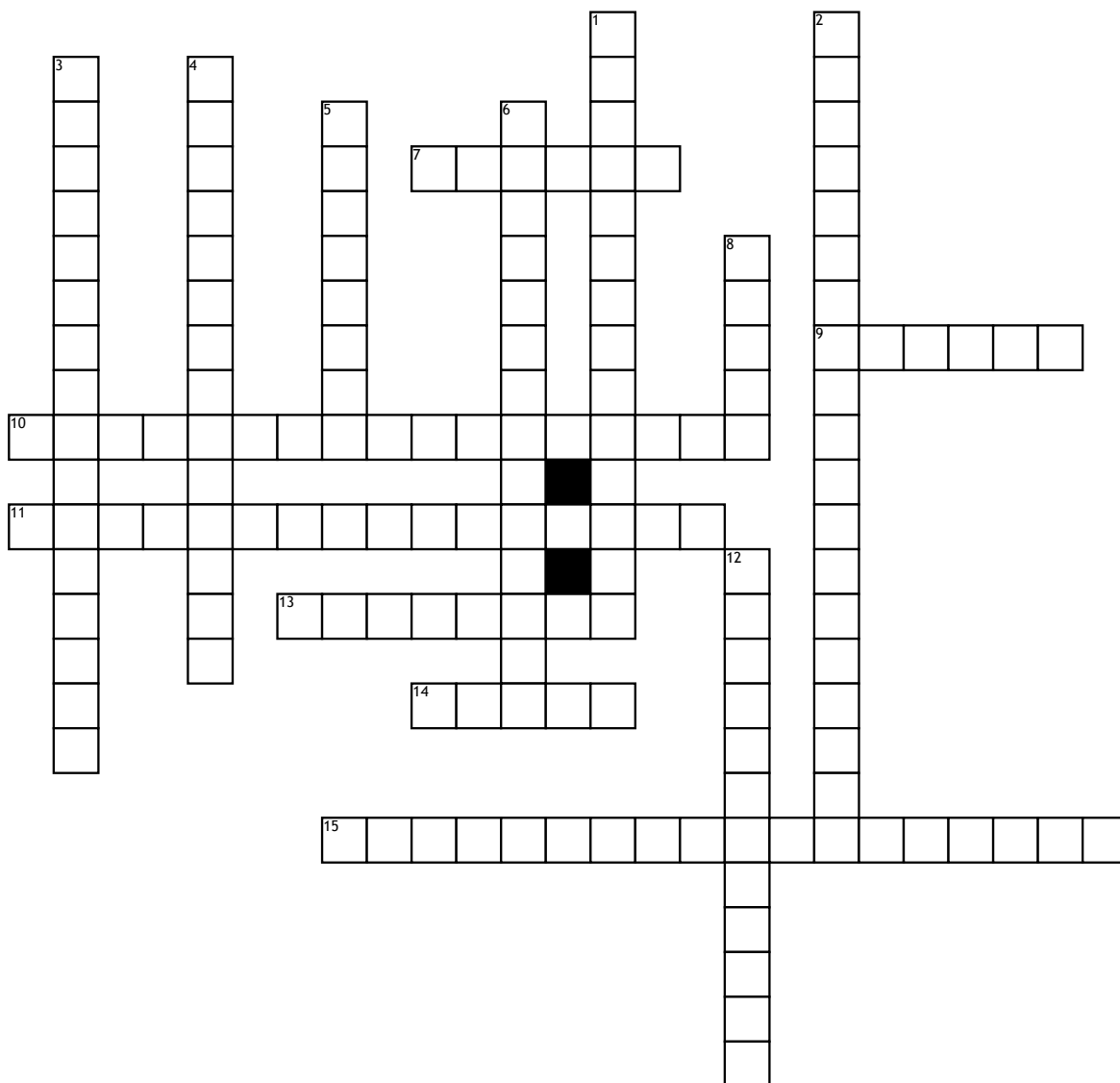


Name: _____

Date: _____

Algebra 2 Vocab



Across

7. The point in a function where the function reaches a min or a max

9. The set of x-coordinates of the set of points on a graph; the set of x-coordinates of a given set of ordered pairs. The value that is the input in a function or relation

10. a factor that can change in an experiment in response to changes in the independent variable

11. an equation in the form of ' $f(x)=$ ' to show the output value of a function, f , for an input value x

13. A set of ordered pairs

14. $Y-Y_1=m(x-x_1)$ Point slope form

The y-coordinates of the set of points on a graph. Also, the y-coordinates of a given set of ordered pairs.

15. the equation of a line in the form of $y=mx+b$, where m is the slope and b is the y intercept

Down

1. an equation whose graph is a straight line

2. variable that is changed in an experiment

3. an inequality in two variables whose graph is a region of the coordinate plane that is bounded by a line

4. The simplest function in a family; all functions in the family are transformations of it

5. Play Fullscreen Options The set of x-coordinates of the set of points on a graph; the set of x-coordinates of a given set of ordered pairs. The value that is the input in a function or relation. Domain A relation which one element from the domain is paired with range

6. An operation that moves or changes a geometric figure in some way to produce a new figure

8. the steepness of a line, equal to the ratio of a vertical change to the corresponding horizontal change

12. $ax+by=c$