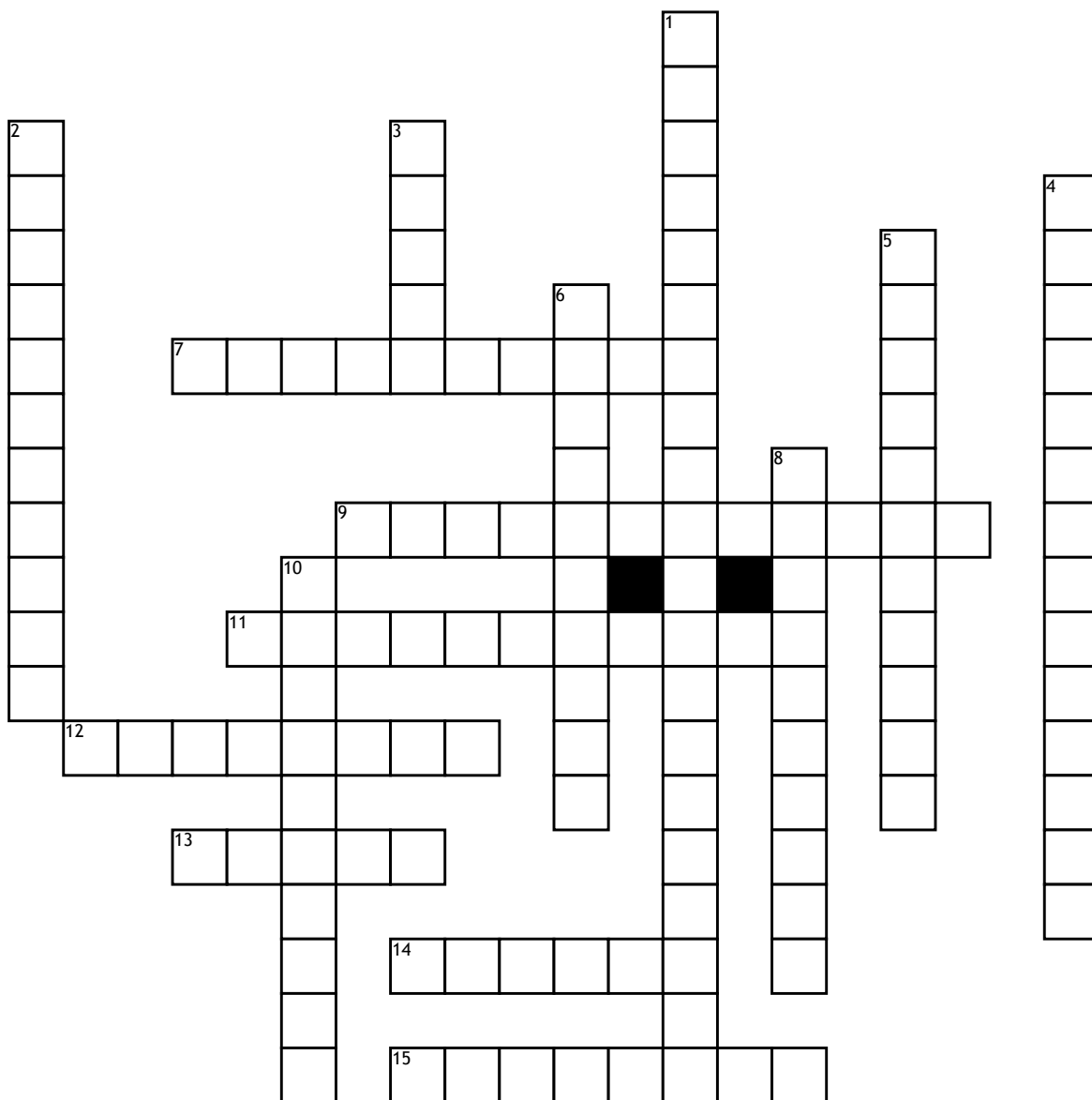


Name: _____

Date: _____

Linear Functions



Across

7. A mathematical phrase involving at least one variable and sometimes numbers and operation symbols
9. The appearance of a graph as it is followed farther and farther in either direction
11. A number multiplied by a variable in an algebraic expression; The number in front of variable
12. A number sentence that contains an equals symbol
13. The set of all possible outputs of a function; All y-values

14. The set of x-coordinates of the set of points on a graph; All x-values. The value that is the input in a function or relation

15. A set with elements that are disconnected

Down

1. With respect to the variable x of a linear function $y = f(x)$, the constant rate of change is the slope of its graph
2. A pair of numbers, (x, y) , that indicate the position of a point on a Cartesian plane

3. The ratio of the vertical and horizontal changes between two points on a surface or a line; rise over run

4. A function with a constant rate of change and a straight line graph

5. A linear function representing real -world phenomena. The model also represents patterns found in graphs and/or data

6. The point where a line meets or crosses the x-axis

8. The point where a line meets or crosses the y-axis

10. Describes a connected set of numbers, such as an interval