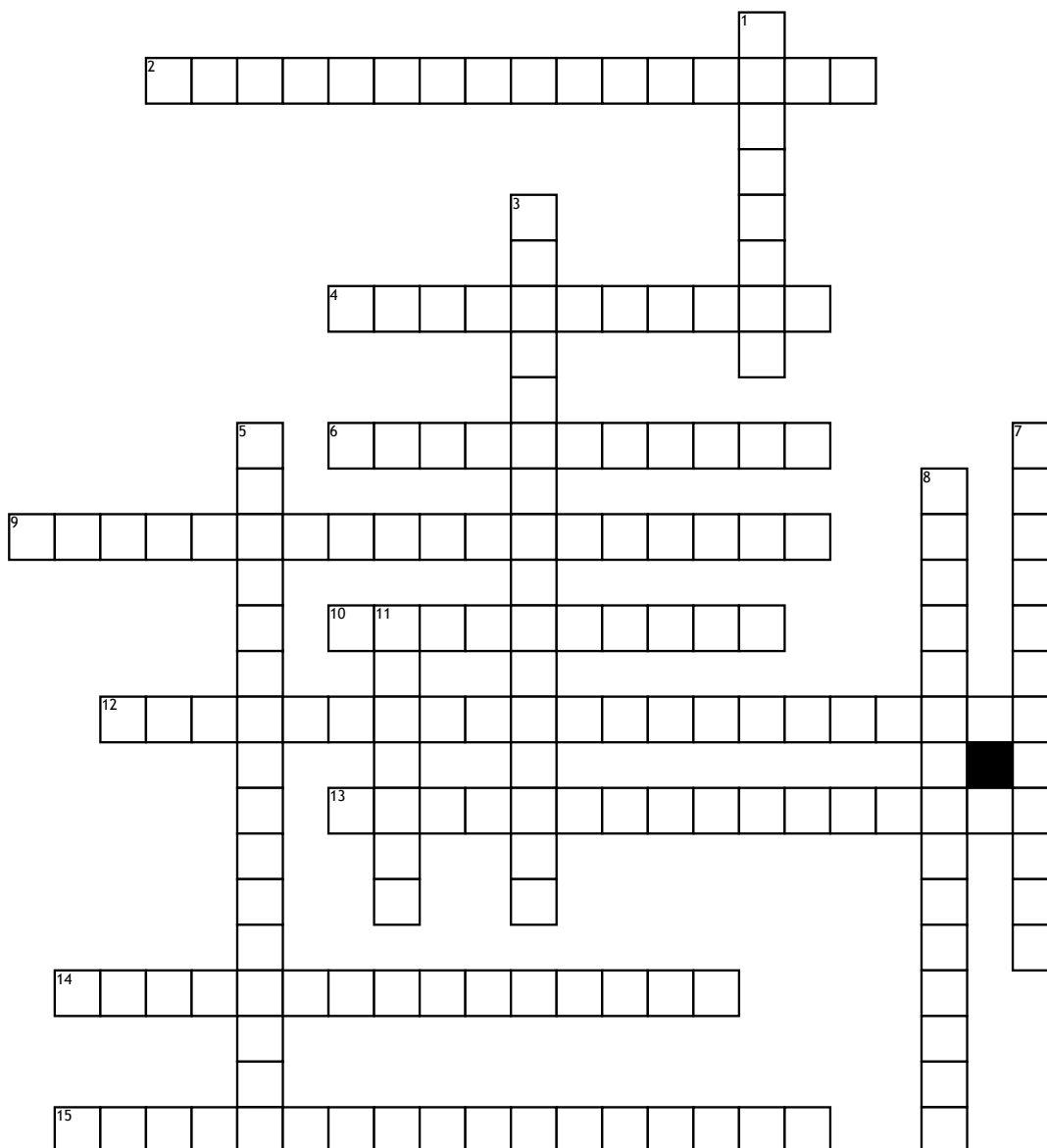Name: _____

Vocab Crossword (Algebra II)

Across

2. a function where each element of the range is paired with exactly one element of the domain

4. a figure is moved from one location to another on the coordinate plane without change of size, shape, or orientation

6. the behavior of the graph as x approaches positive infinity or negative infinity

9. a relation that can be graphed with a line or smooth curve

10. a transformation in which every point a figure is mapped to a corresponding image across a line of symmetry

12. a function written f(x) = |x|

13. if no vertical line intersects a graph in more than one point, then the graph represents a function

14. a point on the graph of a function where no other nearby points have a lesser y-coordinate

15. the other variable in a function, usually y, whose values depend on x

Down

1. a transformation in which a geometric figure is enlarged or reduced

3. a relation in which the domain is a set of individual points

5. an equation of y in terms of x can be rewritten so that y = f(x)

7. a function whose graph is a series of line segment

8. a point on the graph of a function where no other nearby points have a greater y-coordinate

11. the maximum and minimum values of a function