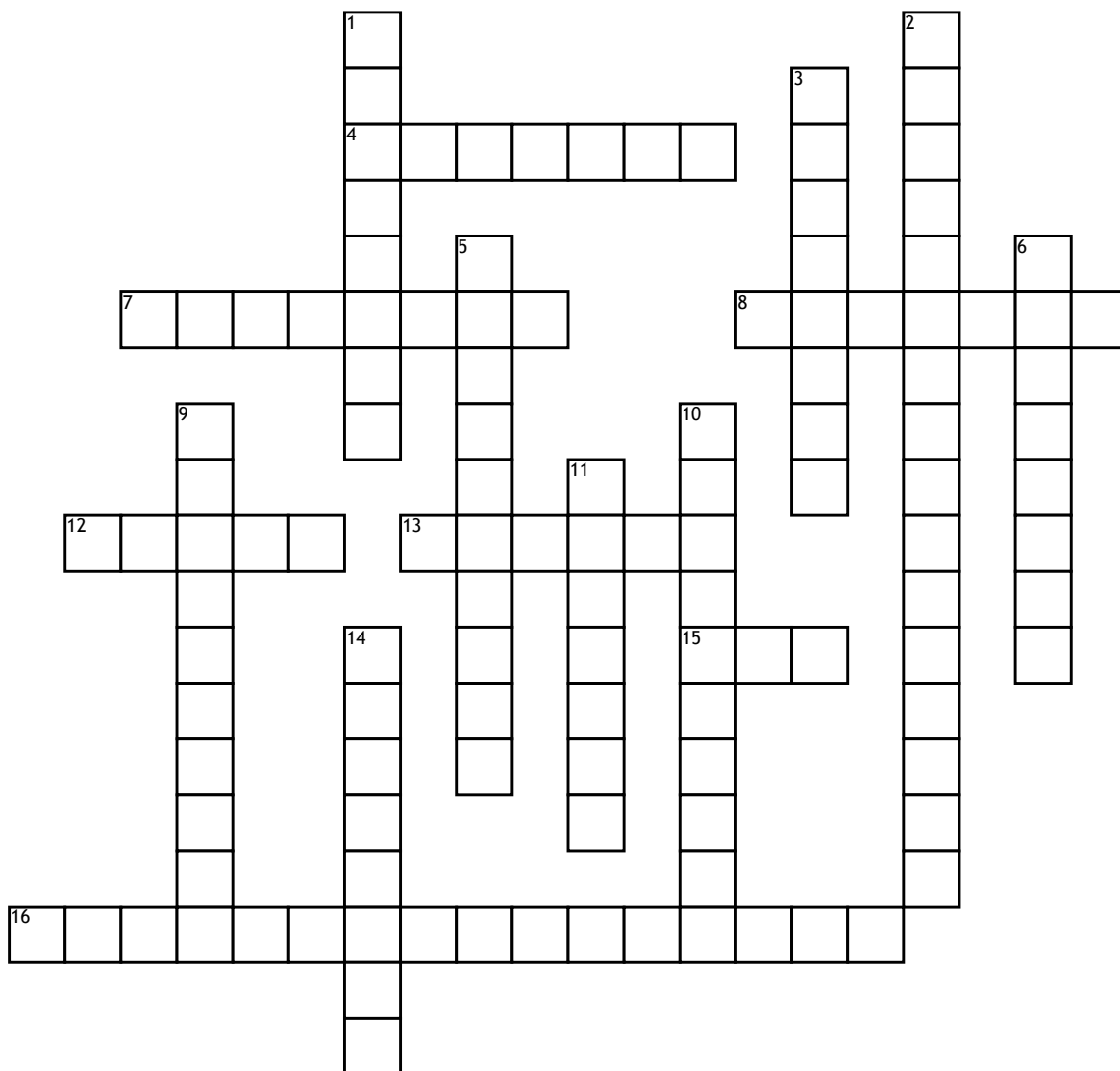# Relations and Functions

Across

4. The y-coordinate of the highest point on a graph.

7. A set of ordered pairs.

8. The y-coordinate of the lowest point on a graph.

12. The set of output values in a relation.

13. The set of input values in a relation.

15. The behavior of a graph as x approaches positive or negative infinity.

16. Used to determine whether a graph is a function.

Down

1. When a figure can be folded about a line so that it matches exactly.

2. Used to emphasize that a function value f(x) depends on the variable x.

3. This type of line is never a function.

5. This type of line is always a function.

6. A relation that assigns exactly one output for each input.

9. The place where a graph crosses the y-axis.

10. The place where a graph crosses the x-axis.

11. A diagram used to determine whether a relation is or is not a function.

14. To replace a variable with a number and simplify.