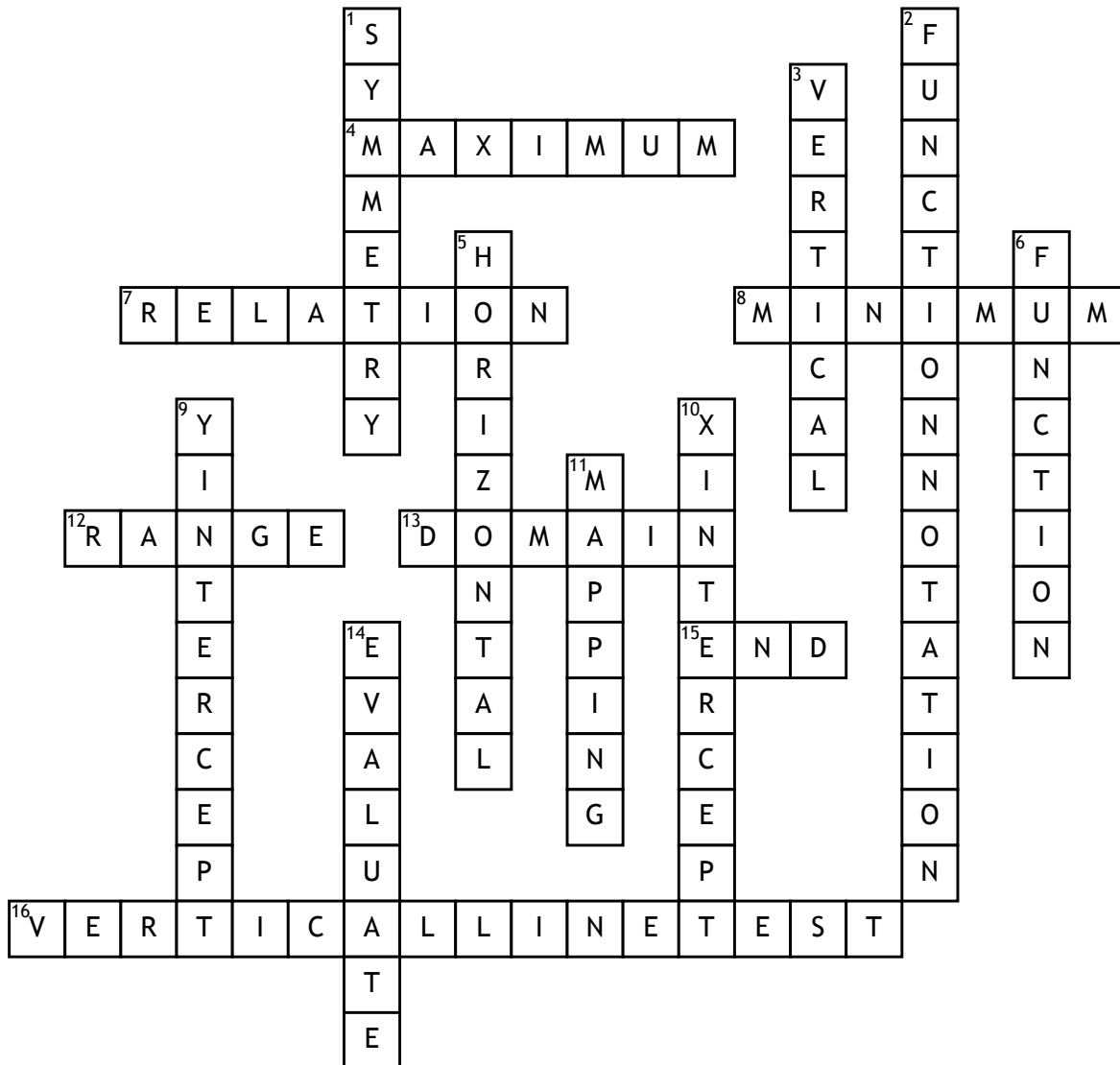


Relations and Functions



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.