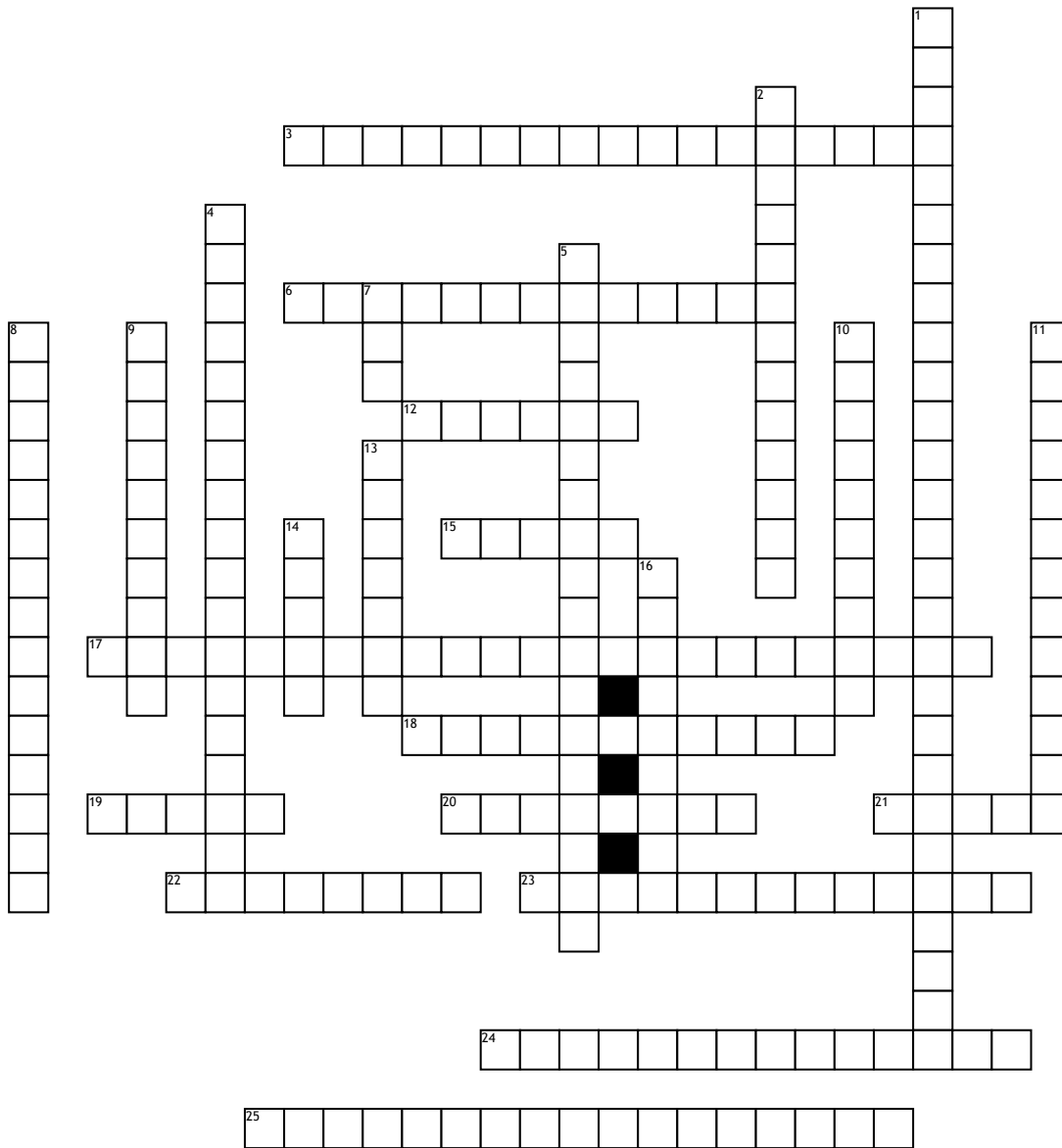


Functions



Across

- 3. The output of a function; a variable whose value depends on the value of the input.
- 6. The distance from zero to x on a number line
- 12. A set that is contained entirely within another set. Example: all Counting Numbers are contained within the set of Whole Numbers (Counting Numbers plus 0).
- 15. The vertical axis in a coordinate plane.
- 17. The set of values that make an equation true
- 18. A set with an unlimited number of elements.
- 19. The horizontal axis in a coordinate plane.
- 20. A set with no elements.

21. The set of output values of a function or a relation

- 22. $Z = \{\dots-3, -2, -1, 0, 1, 2, 3, \dots\}$
 - 23. An equation that has no solutions
 - 24. in $\mathbb{N} = \{0, 1, 2, 3, 4, \dots\}$ in USA = $\{1, 2, 3, \dots\}$
 - 25. The output of a function; a variable whose value depends on the value of the input.
- Down**
- 1. An equation that can be written in the form $ax=b$, where a and b are constants and a cannot equal 0.
 - 2. A graph consisting of distinct, disconnected points
 - 4. on a graph, a function that is moving upward from left to right
 - 5. on a graph, a function that is moving downward from left to right
 - 7. A collection of items called elements

- 8. A graph that can be graphed on which points are connected with a smooth line
- 9. A statement that two ratios are equal.
- 10. A statement that compares two expressions by using greater than, greater than equal to, less than, less than equal to, or not equal to
- 11. Standard quantity used as a basis for measuring (i.e. centimeters, milliliters, degrees, meters)
- 13. An item in a set
- 14. A comparison of two quantities by division.
- 16. A set with a definite number of elements.