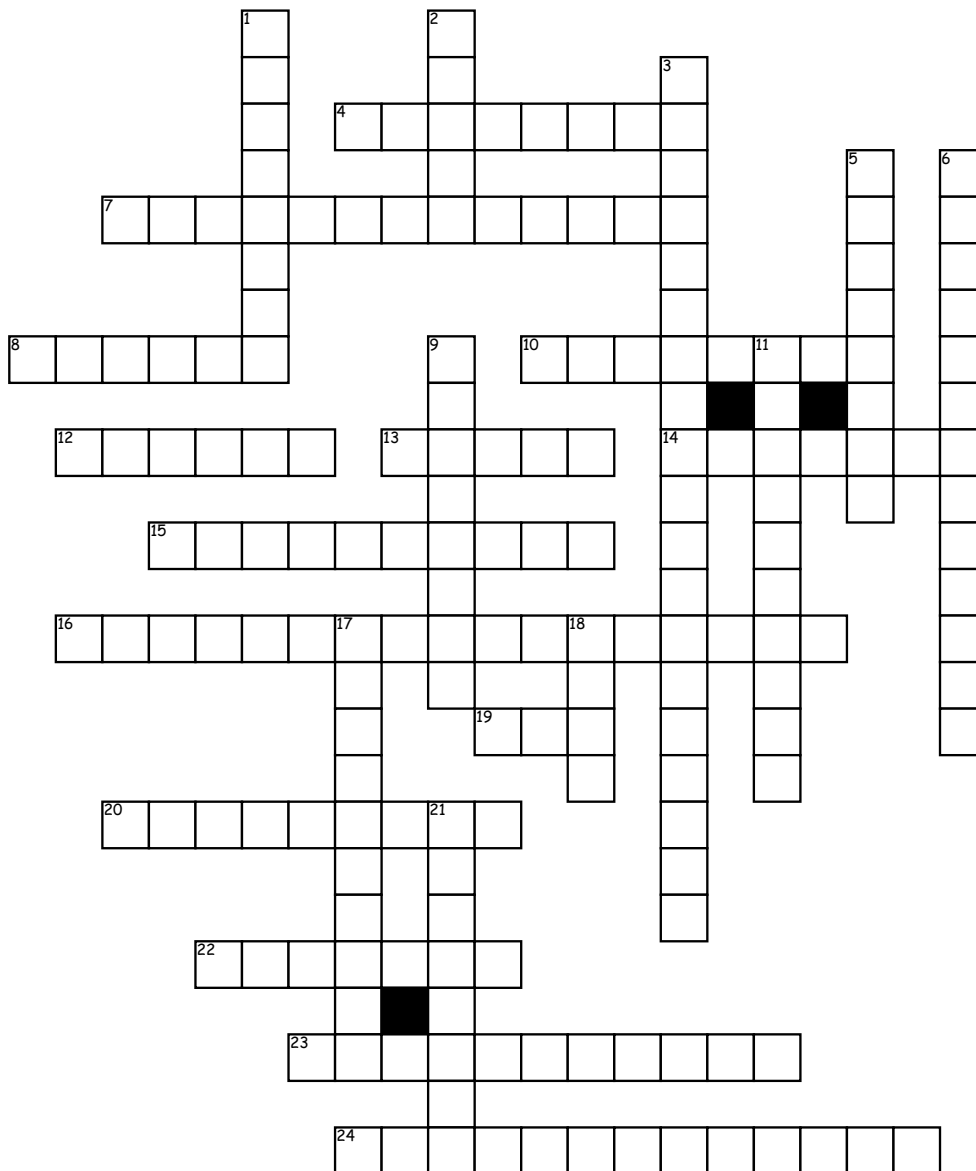


Functions



Across

4. A relation in which every input value is paired with exactly one output value.
7. Standard quantity used as a basis for measuring (i.e. centimeters, milliliters, degrees, meters)
8. The set of all possible input values of a relation or function.
10. An equation that is true for all values of the variables.
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).
13. A comparison of two quantities by division.
14. An item in a set.

15. A statement that two ratios are equal.
16. The output of a function; a variable whose value depends on the value of the input.
19. A collection of items called elements.
20. A set with a definite number of elements.
22. Two figures that have the same shape but not necessarily the same size.
23. A set with an unlimited number of elements.
24. An equation that has no solutions.

Down

1. A pairing of input values with output values.
2. The set of output values of a function or a relation.
3. The input of a function; a variable whose value determines the value of the output.
5. A set with no elements.
6. The distance from zero to x on a number line.
9. Something that has a magnitude and can be represented in mathematical expressions by a constant or a variable
11. A statement that compares two expressions by using greater than, greater than equal to, less than, less than equal to, or not equal to.
17. A group of symbols that make a mathematical statement
18. A ratio that compares two quantities measured in different units.
21. A mathematical statement that two expressions are equivalent.