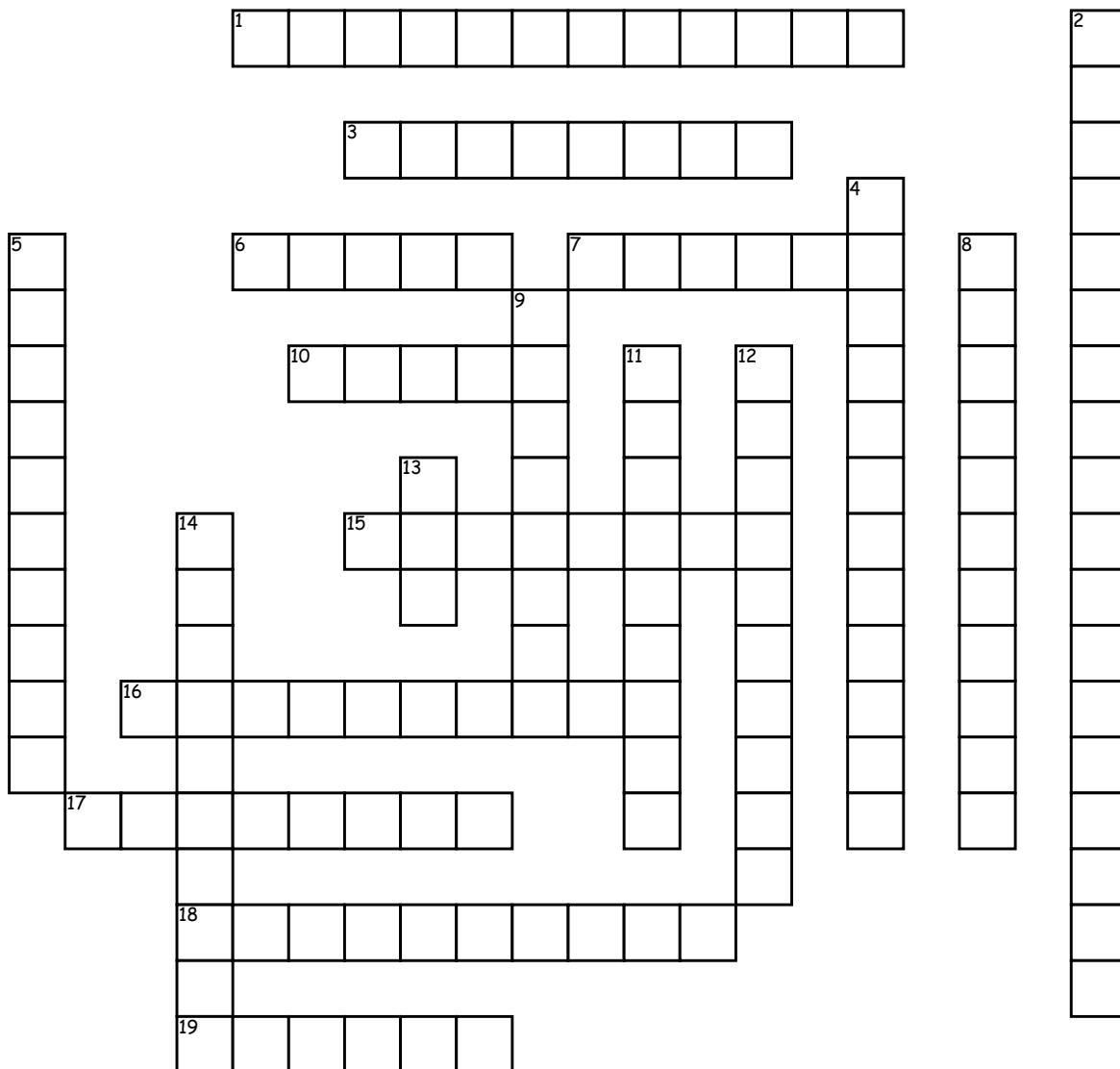


# Math Vocab



## Across

1. A system of equations that has no solution.
3. A relationship or expression, involving one or more variables
6. a number that describes both the direction and the steepness of the line.
7. The set of values of the independent variable(s) for which a function or relation is defined
10. The difference between the lowest and highest values.
15. The result of a dividing problem.
16. The result of a subtraction problem.
17. symbol used to compare two numbers, with the greater number given first.

18. a linear or nonlinear system of equations where at least one set of values satisfies every equation.

19. an algebraic equation, such as  $y = 4x + 3$ , in which the variables are of the first degree

## Down

2. a collection of two or more equations with a same set of unknowns.
4. An inequality is like an equation that uses symbols for "less than" (<) and "greater than" (>) where an equation uses a symbol for "is equal to" (=).
5. where the line crosses the y-axis on a chart.
8. a variable that represents a quantity that is being manipulated in an experiment.

9. symbol used to compare two numbers, with the lesser number given first.

11. variable represents a quantity whose value depends on those manipulations.

12. Where the line crosses the x axis on a chart.

13. the total amount resulting from the addition of two or more numbers, amounts, or items.

14. relating to the multiplicative inverse of a quantity or function.