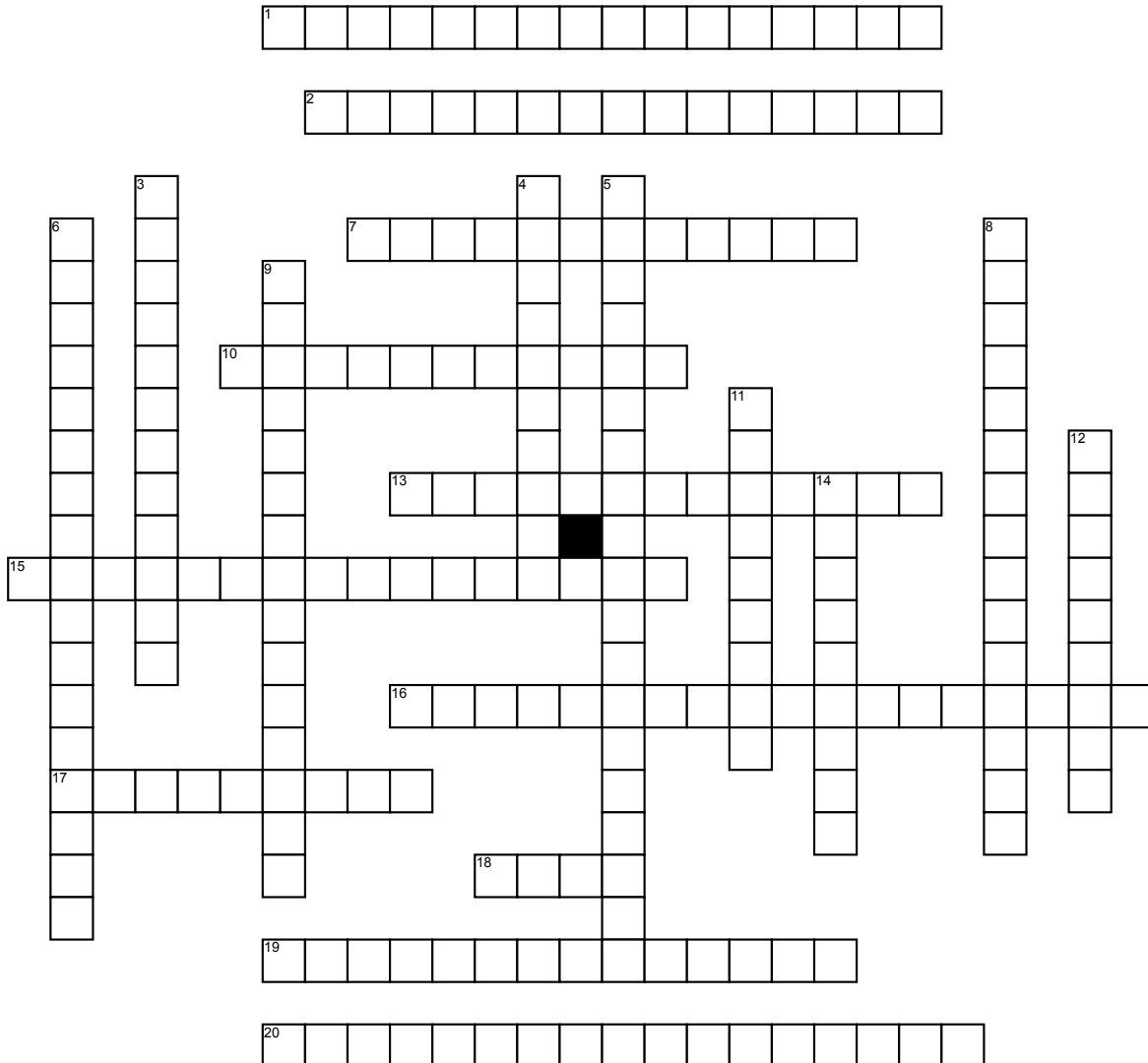


Name: \_\_\_\_\_

# Algrebra 2 Crossword



## **Across**

1. A relationship between two variables in which the product is a constant
2. Like a cubic function to the 4th degree
7. mathematics that studies relationships involving lengths and angles of triangles
10. The chances of something happening or being the case.
13. If the system in three variables has one solution
15. Any function which can be defined by a rational fraction
16. Defines a group of quantities as functions of one or more independent variables called parameters

17. A quantity representing the power to which a fixed number (the base) must be raised to produce a given number
  18. Two fixed points on the interior of an ellipse
  19. Function that is equal to the ratio of the side adjacent to an acute angle (in a right-angled triangle) to the hypotenuse.
  20. Shortcut method of polynomial division
- ## **Down**
3. Function that is equal to the ratio of the side opposite a given angle (in a right triangle) to the hypotenuse.
  4. The amount you must add to something to make it "whole".

5. A relationship between two variables in which both variables move in tandem
6. Difference between the highest and lowest values in the set.
8. The length of the opposite side divided by the length of the adjacent side.
9. A relationship between two variables in which one is a constant multiple of the other.
11. A fixed line used in describing a curve or surface.
12. A horizontal, vertical, or slanted line that a graph approaches but never touches.
14. A quantity that influences the output or behavior of a object but is viewed as being held constant.