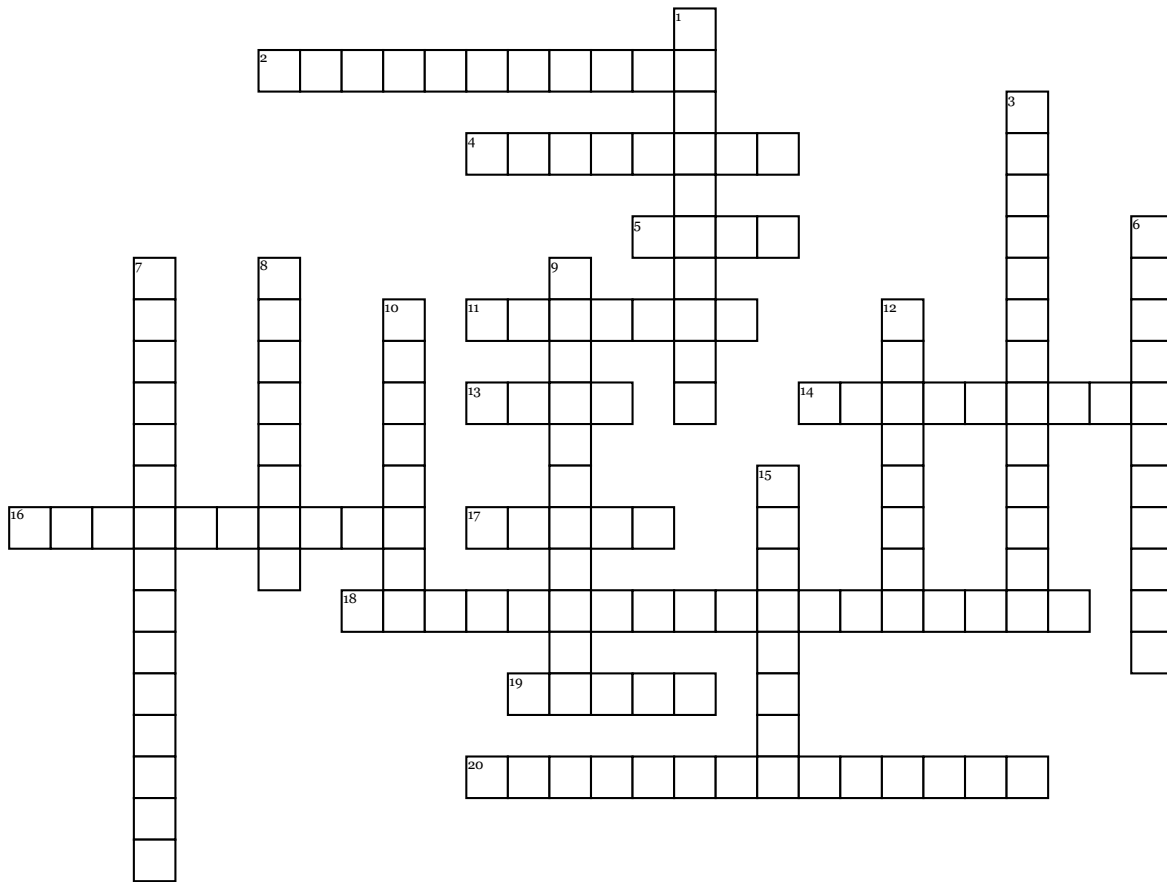


Algebra Crossword



Across

2. The number of favorable outcomes divided by the total number of possible events

4. A "U-shaped" graph created from a quadratic function.

5. an average of n numbers computed by adding some function of the numbers and dividing by some function of n

11. The highest value in a set or on a graph.

13. The point or points where the graph of a quadratic function hits the x -axis. These are also called zeros.

14. two numbers that are the same distance from zero on a number line, but are in opposite directions. (-2 and 2)

16. When you multiply a number by its multiplicative inverse you get 1.

17. The difference between the highest and lowest scores in a set of data

18. $y=mx+b$

19. The difference in y values divided by the difference of x values. Also known as rise over run.

20. The set of numbers 1, 2, 3, 4, ... Also called counting numbers.

Down

1. The longest side of a right triangle. This side is across from the right angle.

3. Perpendicular lines have slopes that are negative reciprocals

6. a shift of a graph horizontally, vertically, or both

7. a whole number greater than 1 that has more than two factors

8. linear, quadratic, absolute value, exponential, inequality, etc.

9. A function that creates a "J-curve"

10. Two lines that have the same slope

12. a mathematical notation indicating the number of times a quantity is multiplied by itself

15. a relation where each number in the domain is paired with exactly one number in the range.