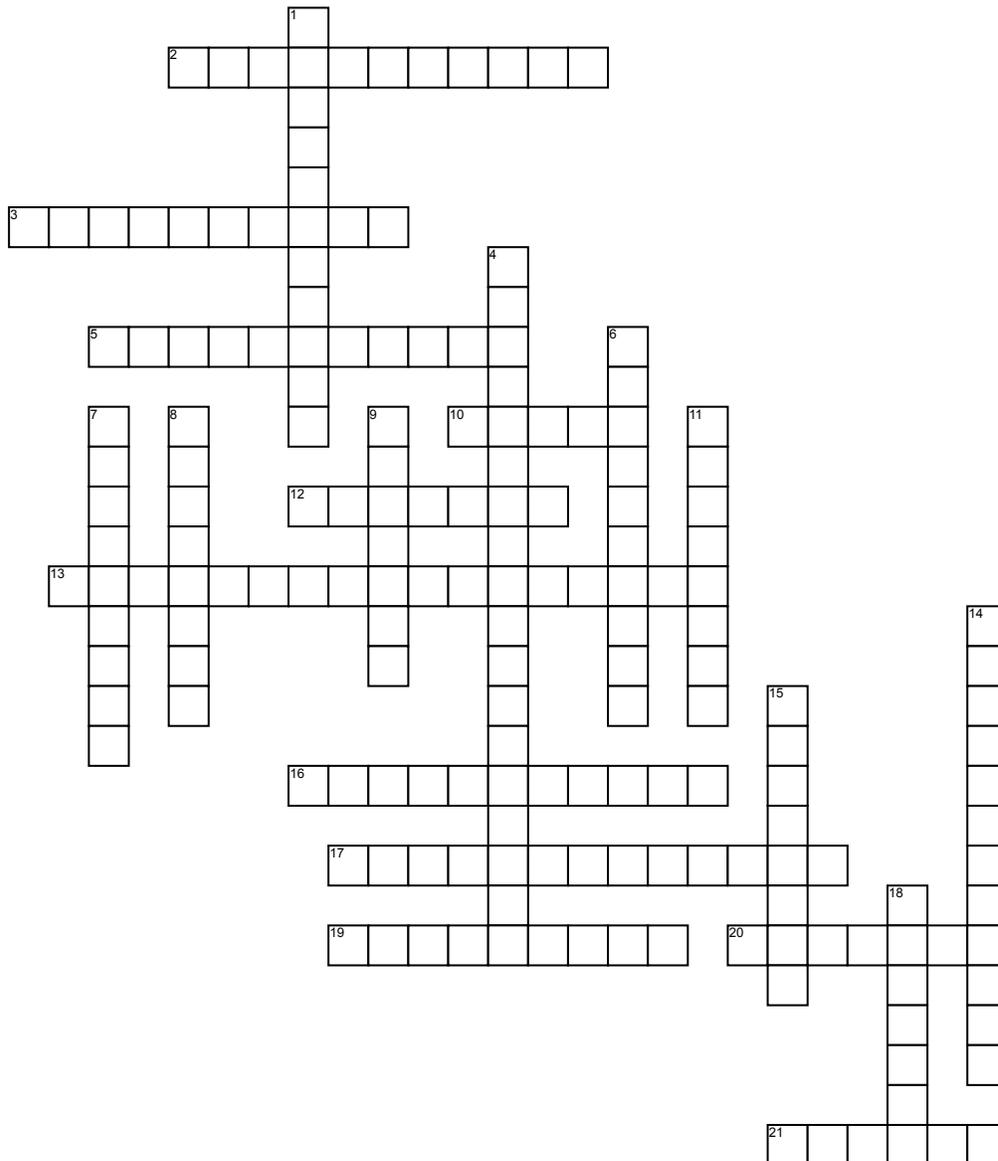


Name: \_\_\_\_\_

# Math Project



## **Across**

- 2. A connection between data values
- 3. A mathematical phrase involving at least one variable and sometimes numbers and operation symbols.
- 5. A graph in the coordinate plane representing a set of bivariate data
- 10. output in a function or a relation
- 12. A method of visually displaying a distribution of data values where each data value is shown as a dot or mark above a number line
- 13. A diagram that shows the five-number summary of a distribution.
- 16. A pair of numbers,  $(x, y)$ , that indicate the position of a point on a Cartesian plane
- 17. Pairs of linked numerical observations
- 19. The sum of the lengths of the sides of a polygon

20. A method of visually displaying a distribution of data values by using the median, quartiles, and extremes of the data set

21. The value that is the input in a function or relation.

## **Down**

- 1. A number multiplied by a variable.
- 4. It is a theorem that states a relationship that exists in any right triangle
- 6. Any mathematical sentence that contains the symbols  $>$  (greater than),  $<$  (less than),  $\leq$  (less than or equal to), or  $\geq$  (greater than or equal to)
- 7. Graphical display that subdivides the data into class intervals and uses a rectangle to show the frequency of observations in those intervals
- 8. A letter or symbol used to represent a number

9. Sometimes, distributions are characterized by extreme values that differ greatly from the other observations.

11. A number sentence that contains an equals symbol

14. To replace one element of a mathematical equation or expression with another

15. A rule of matching elements of two sets of numbers in which an input value from the first set has only one output value in the second set.

18. The branch of mathematics that deals with relationships between numbers, utilizing letters and other symbols to represent specific sets of numbers