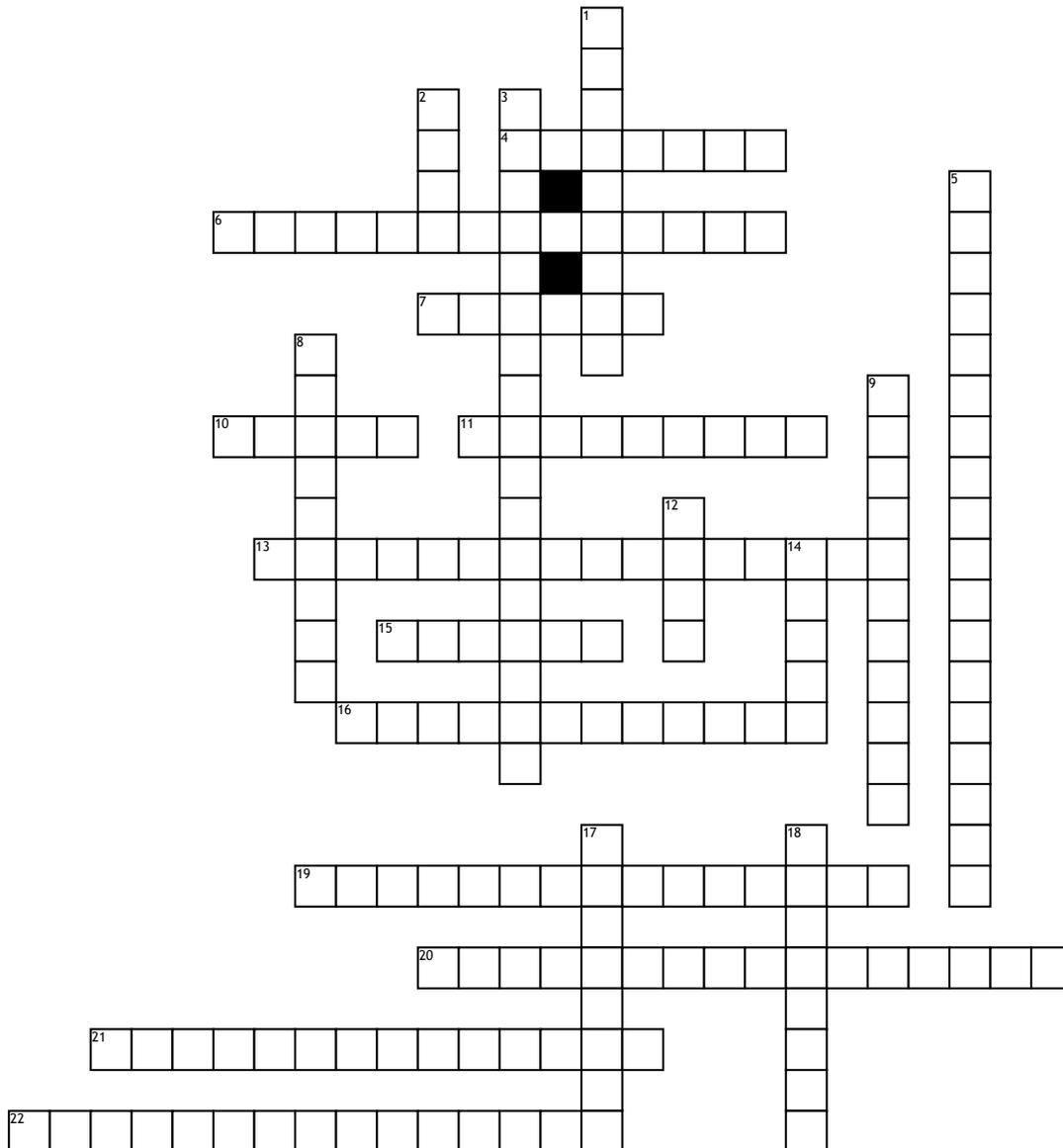


# Crossword Puzzle Math Project



## Across

4. A value that "lies outside"
6. A graph using two sets of bars to compare two types of related data
7. A measure of center in a set of numerical data.
10. to smash, split, or divide into parts violently; reduce to pieces or fragments
11. A type of statistical graph using lines to show how values change over period of time.
13. is a central or typical value for a probability distribution.
15. a small part of anything or one of a number, intended to show the quality, style, or nature of the whole; specimen.
16. a method of selecting a sample (random sample) from a statistical population in such a way that every possible sample that could be selected has a predetermined probability of being selected.

19. A graph that uses two lines connected by points to show value

20. The graph has been made misleading by not starting the vertical scale at zero, and by using very detailed values that contain one decimal place on the scale.
21. a table that lists items and uses tally marks to record and show the number of times they occur.
22. A display where the data is organized by place value, very useful if you need to find the mean, median, or mode of the data set.

## Down

1. a graph of a frequency distribution in which rectangles with bases on the horizontal axis are given widths equal to the class intervals and heights equal to the corresponding frequencies.
2. The number or numbers that appear most often in a set of data.

3. a graphic way to display the median, quartiles, and extremes of a data set on a number line to show the distribution of the data.

5. the range of values of a frequency distribution between the first and third quartiles.
8. the number of times a value recurs in a unit change of the independent variable of a given function.
9. A graph that shows data as a part of a whole. In this graph, the percent add up to 100.
12. The sum of the data divided by the number of items in the data set.
14. The difference between two quantities with different kinds of units.
17. a graphic representation in which marks above a number line indicate the frequency of each value
18. a graph using parallel bars of varying lengths, as to illustrate comparative costs, exports, birth-rates, etc.