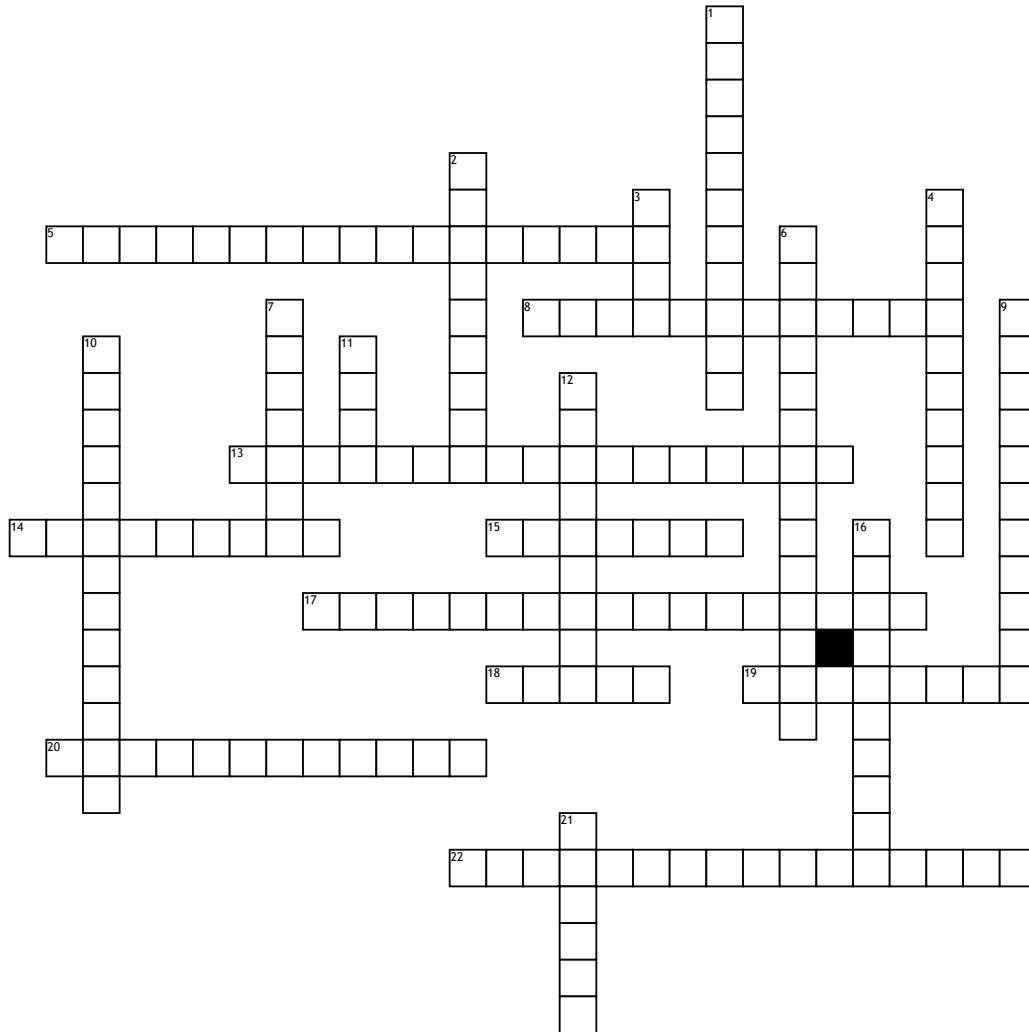


# Quantitative Literacy



## Across

5. A sample that is convenient to select, such as people who happen to be in the same classroom
8. Data that represent counts or measurements
13. The \_\_\_\_\_ for a data set consists of the following five numbers: low value, lower quartile, median, upper quartile, high value
14. Shows the data value for each category as a dot, and the dots are connected with lines
15. Lacks the active ingredients of treatment being tested in a study, but is identical in appearance to the treatment
17. A line chart in which the horizontal axis represents time
18. The difference between the highest and lowest data values

19. Any item or quantity that can vary or take on different values
20. The group of sample members who do not receive the treatment being tested
22. An observational study that resembles an experiment because the sample naturally divides into two or more groups

## Down

1. Exists between two variables when higher values of one variable consistently go with higher values of another or when higher values of one variable consistently go with lower values of another
2. A bar graph for quantitative data categories. The bars have a natural order and the bar widths have a specific meaning
3. What we most commonly call the average value

4. The first column in a basic frequency table lists all the \_\_\_\_\_ of data.
6. Is a graph in which each point represents the values of two variables
7. A data value that is much higher or much lower than almost all the other values
9. Data that describes qualities or categories
10. Used to describe a confidence interval that is likely to contain the true population parameter
11. The most common value (or group of values) in a distribution
12. Describes how widely data values are spread out about the center of a distribution
16. The science of collecting, organizing, and interpreting data or the data that describe or summarize something
21. The middle value in the sorted data set

## Word Bank

Line Chart  
Outlier  
Median  
Control Group  
Qualitative  
Placebo

Categories  
Margin of Error  
Case Control Study  
Mode  
Statistics  
Quantitative

Convenience Sample  
Variable  
Time Series Diagram  
Five Number Summary  
Mean

Range  
Scatter Diagram  
Histogram  
Variation  
Correlation