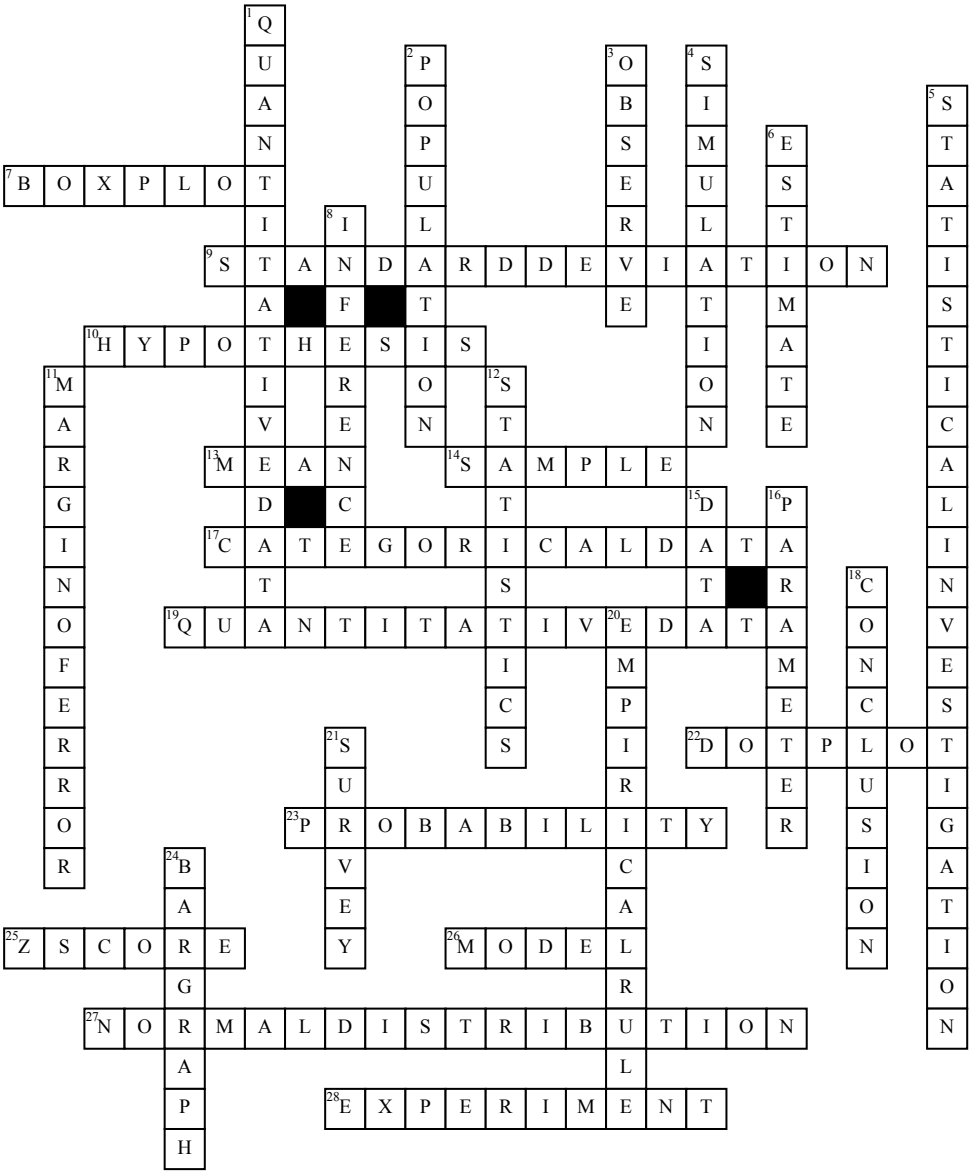
Name: _____ Date: _____

Cross word puzzle.



Across

7. is a method for graphically depicting groups of numerical data through their quartiles

9. a measure of the amount of variation or dispersion of a set of values.

10. is an assumption about a population parameter.

13. the "average" you're used to, where you add up all the numbers and then divide by the number of numbers.

14. a sample refers to a set of observations drawn from a population. Often, it is necessary to use samples for research, because it is impractical to study the whole population.

17. is the statistical data type consisting of categorical variables or of data that has been converted into that form

19. is numerical and acquired through counting or measuring and contrasted with qualitative data sets

22. is a statistical chart consisting of data points plotted on a fairly simple scale, typically using filled in circles.

23. the measure of the likelihood that an event will occur in a Random Experiment.

25. the standard score is the signed fractional number of standard deviations

26. a mathematical model that embodies a set of statistical assumptions concerning the generation of sample data.

27. is a probability function that describes how the values of a variable are distributed.

28. n experiment is a controlled study in which the researcher attempts to understand cause-and-effect relationships.

Down

1. s numerical and acquired through counting or measuring and contrasted with qualitative data sets

2. is a discrete group of people, animals or things that can be identified by at least one common characteristic for the purposes of data collection and analysis.

3. is a value of something of interest you're measuring or counting during a study or experiment

4. is a way to model random events, such that simulated outcomes closely match real-world outcomes.

5. part of an information gathering and learning process which is undertaken to seek meaning from and to learn more about observed phenomena as well as to inform decisions and actions.

6. Means to find something close to the correct answer

8. the process of using data analysis to deduce properties of an underlying probability distribution

11. tells you how many percentage points your results will differ from the real population value

12. is a branch of applied mathematics concerned with collecting, organizing, and interpreting data.

15. are the actual pieces of information that you collect through your study.

16. is something in an equation that is passed on in an equation

18. validity is the degree to which conclusions about the relationship among variables based on the data are correct or "reasonable".

20. also known as the empirical rule, is a shorthand used to remember the percentage of values

21. A field of applied statistics of human research surveys, survey methodology studies the sampling of individual units from a population and associated techniques of survey data collection

24. is pictorial representation of statistical data in such a way that length of the rectangles