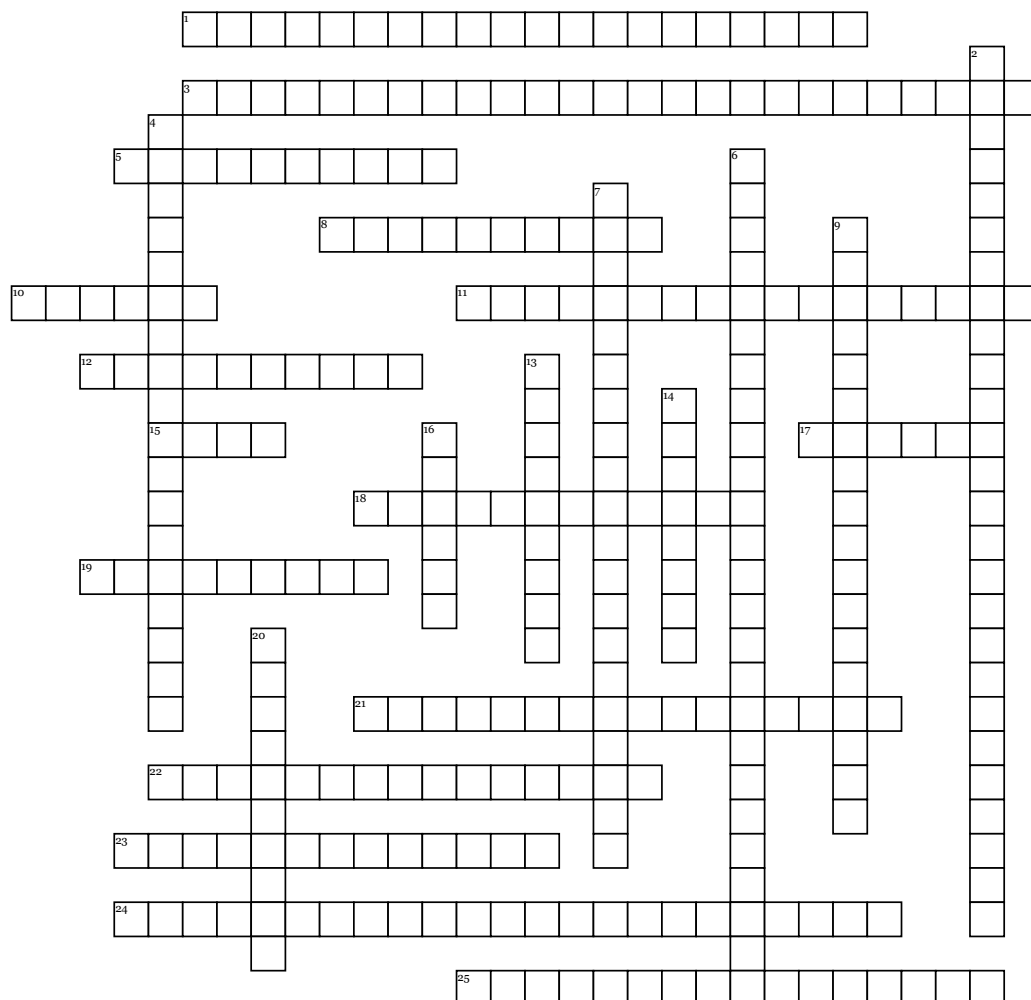


Name: _____ Date: _____ Period: _____

Statistics



Across

1. branch of statistics, involves organization, summarization, and display of data
3. qualitative or quantitative data
5. use of a mathematical or physical model to reproduce the conditions of a situation
8. treatment is applied to part of a population and responses are observed
10. investigation of one or more characteristics of a population
11. sample that may leave to biased studies
12. science of collecting, organizing, analyzing, and interpreting data to make decisions
15. information from observations, counts, measurements, or responses
17. subset of a population

Word Bank

Nominal level of measurement
Descriptive Statistic
Cluster Sample
Sampling
Parameter
Experiment
Systematic Sampling

simulation
Data
Sample
Inferential Statistic
Ordinal level of measurement
Ratio level of measurement

Qualitative data
Stratified sample
Statistic
Population
Simple Random Sample
Statistics

Convenience Sample
Survey
Random Sample
Interval level of measurement
Quantitative Data
Census

18. every member of population has an equal chance of being selected

19. numerical description of a sample characteristic
21. sample has members from each segment of the population
22. consists of attributes, labels, non-numerical entries
23. population falls into naturally occurring subgroups; each having similar characteristics
24. similar to interval; zero entry is an inherent zero
25. consist of numerical measurements or counts

Down

2. quantitative data; can be ordered and calculate meaningful differences between data entries
4. every possible of the same size has the chance of being selected
6. qualitative data only
7. branch of statistics; involves using a sample to draw conclusions about population
9. each member of the population is assigned a number
13. numerical description of a population characteristic
14. measure part of population
16. count of entire population
20. collection of all outcomes, responses, measurements, or counts that are of interest