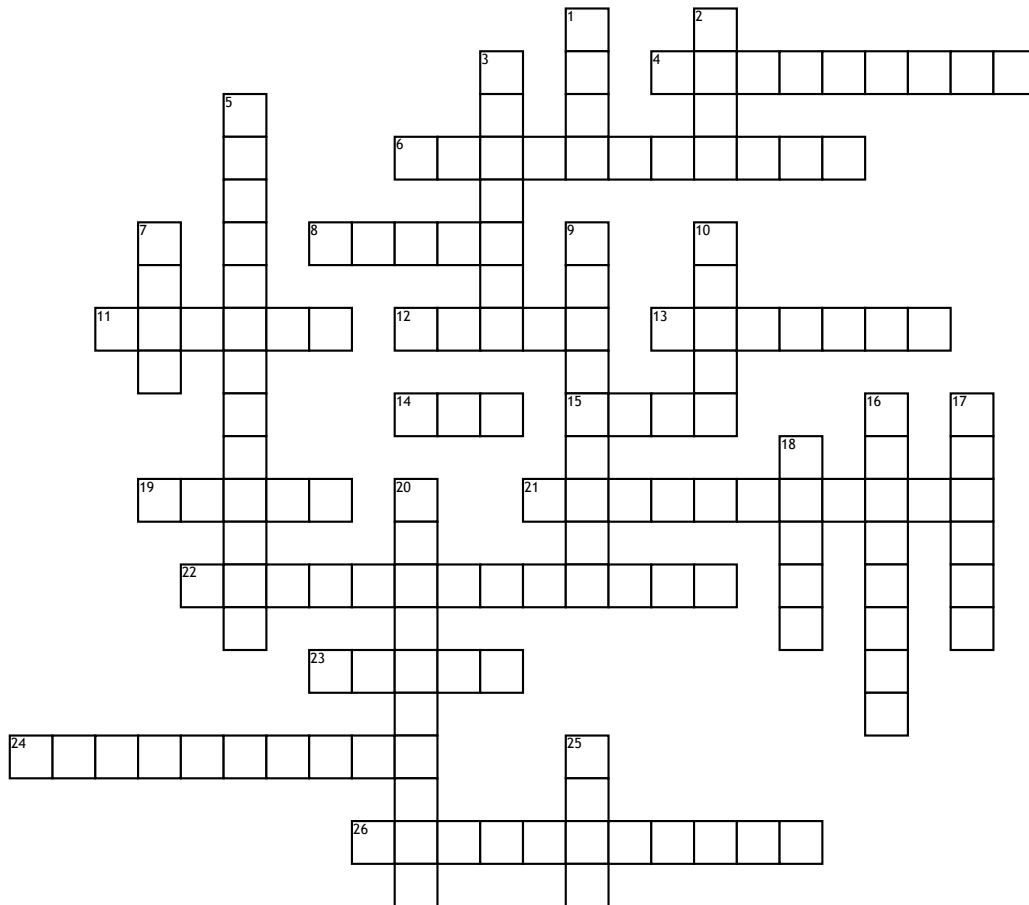


Name: _____

Date: _____

1.3 quiz



Across

4. a _____ is applied to part of a population.
 6. a type of sample that often leads to biased studies
 8. even with the best sampling a sampling _____ may occur
 11. an investigation using a list of questions
 12. T or F: groups of subjects with similar characteristics are called design
 13. this is a fake treatment
 14. yes or no: is a cluster sample when the population falls into naturally occurring subgroups each having similar characteristics
 15. true or false: another element of a well designed experiment is randomization
 19. a common used experimental design is called a randomized _____ design
 21. the repetition of an experiment under the same or similar conditions

22. _____ is a process of randomly assigning subjects to different treatment groups
 23. true or false: a placebo is an actual treatment
 24. in an _____ a researcher deliberately applies treatment before observing responses.
 26. a _____ variable occurs when an experimenter cannot tell the difference between the effects of different factors on the variable
Down
 1. true or false: a double blind treatment is when both the doctor and the patient do not know if they are receiving a placebo or real treatment
 2. true or false: a sample size is the amount of subjects in a study
 3. a _____ group has no treatment applied
 5. a _____ study is when a researcher does not influence the responses.

7. true or false: biased sample is one that is not representative of the population from which it is drawn
 9. a _____ group is when responses are observed.
 10. true or false: a census is the count or measure of part of a population
 16. _____ is a technique where subjects do not know whether they are receiving a placebo or a real treatment
 17. a _____ is a count or measure of an ENTIRE population
 18. true or false: a systematic sample is a sample in which each member of the population is assigned a letter
 20. the use of a mathematical or physical model to reproduce the conditions of a situation or process
 25. true or false: when is it important for the sample to have members from each segment of the population, you should use a stratified sample