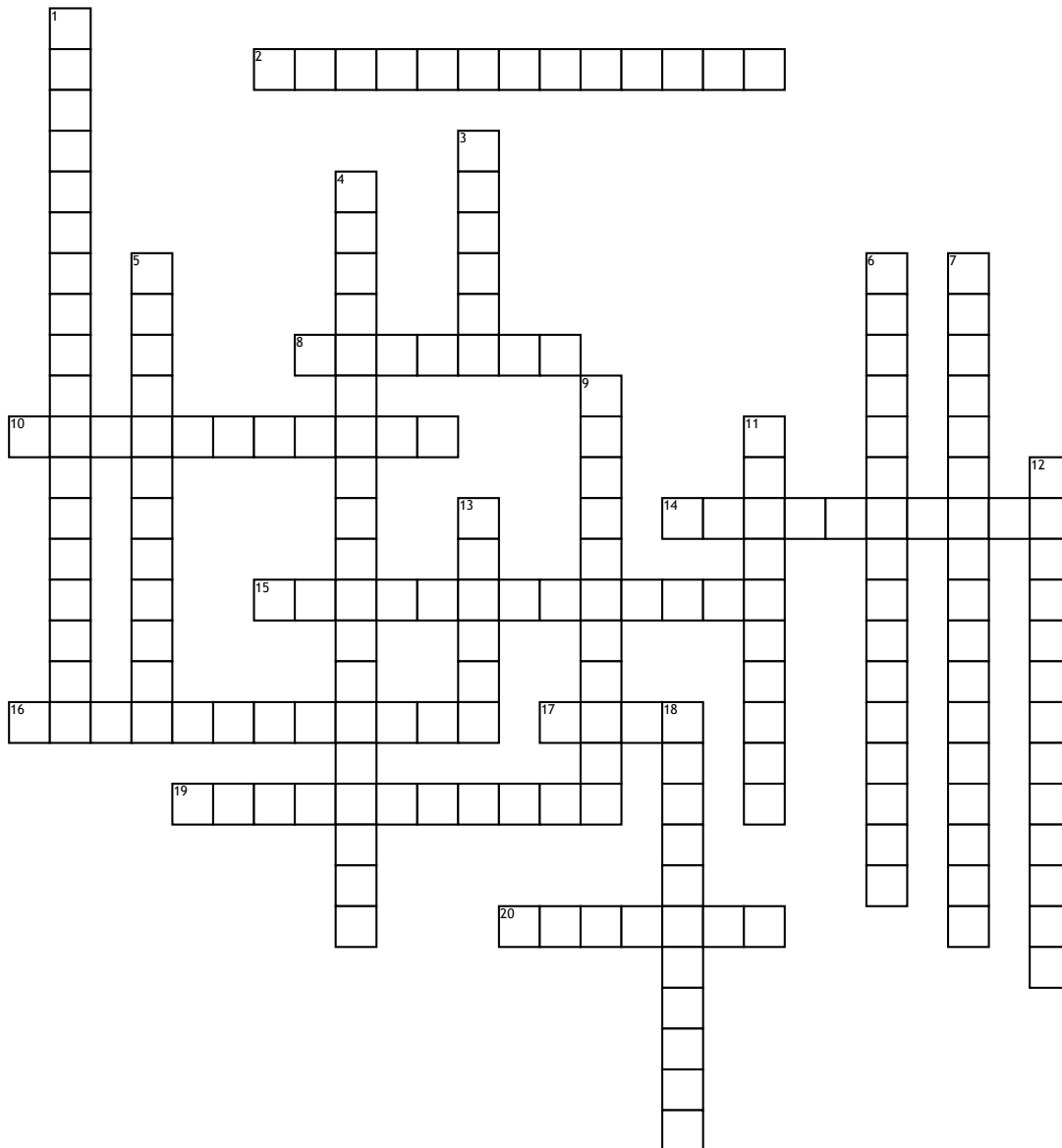


Unit 4 vocab



Across

2. some subjects in an experiment will respond favorably to any treatment, even an inactive treatment

8. This is a treatment that has no active ingredient

10. This occurs when an individual chosen for the sample can't be contacted or refuses to participate.

14. statistical study is the entire group of individuals we want information about

15. an estimate describes how far, at most, we expect the estimate to vary from the true population value

16. This occurs when there is a consistent pattern of inaccurate responses to a survey question

17. The design of a statistical study shows this if it would consistently underestimate or consistently overestimate the value you want to know when the study is repeated many times

19. neither the subjects nor those who interact with them and measure the response variable know which treatment a subject received

20. When the units are human beings, they often are called

Down

1. sample chosen in such a way that every group of n individuals in the population has an equal chance of being selected as the sample

3. is a subset of individuals in the population from which we collect data

4. different random samples of the same size from the same population produce different estimates

5. group used to provide a baseline for comparing the effects of other treatments. Depending on the purpose of the experiment

6. experimental units are assigned to treatments using a chance process

7. Choosing individuals from the population who are easy to reach results

9. neither the subjects nor those who interact with them know which treatment a subject received

11. This deliberately imposes some treatment on individuals to measure their responses.

12. This occurs when some members of the population are less likely to be chosen or cannot be chosen for the sample

13. This collects data from every individual in the population

18. either the subjects don't know which treatment they are receiving or the people who interact with them and measure don't know which subjects are receiving which treatment