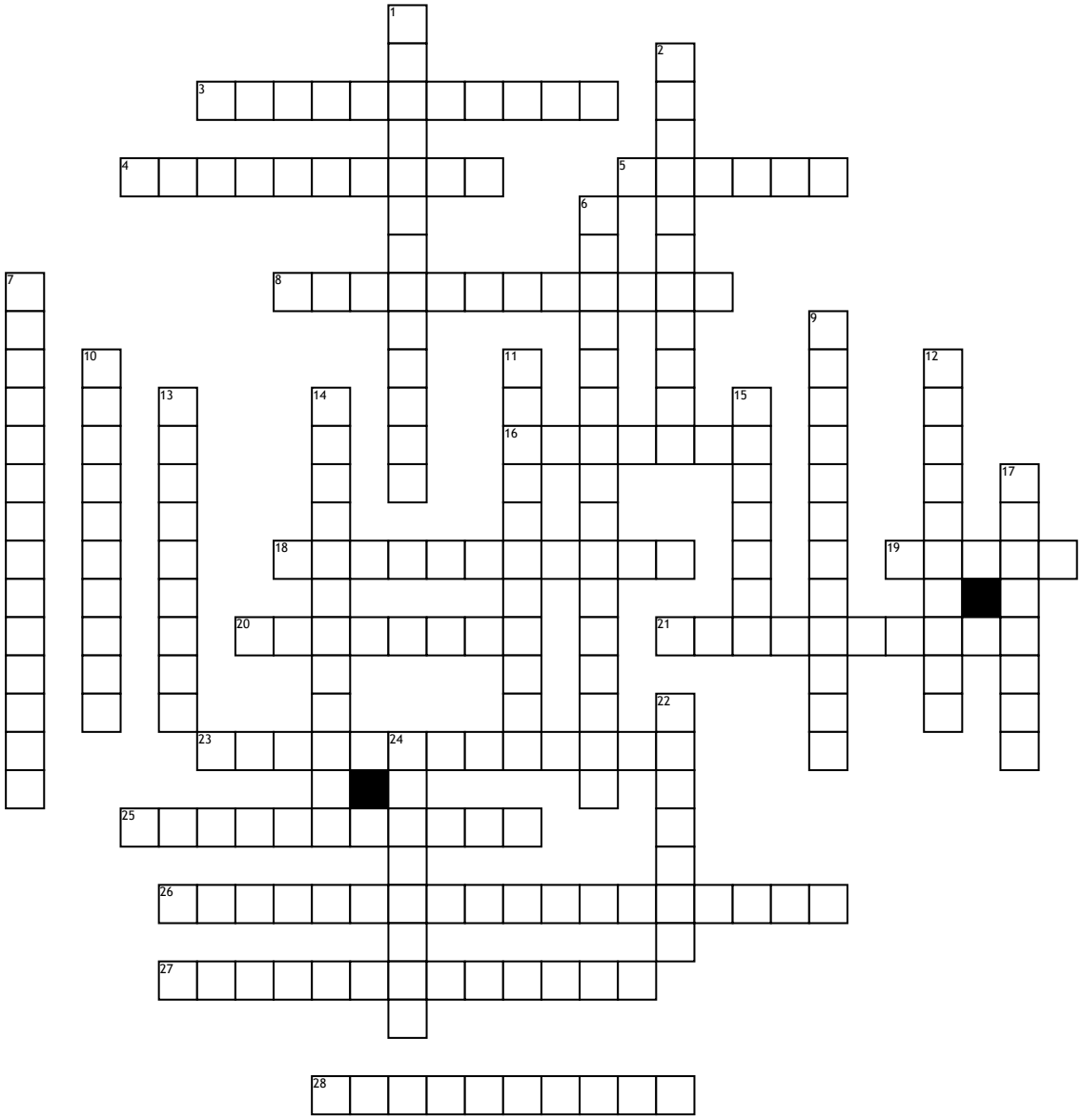
Name: _____ Date: _____

Chapter 1 Vocabulary



Across

3. Data that can be separated into different categories and can be recognized by non-numeric qualities

4. Measurements with infinitely many possible values (decimals, negatives, etc)

5. Group of subjects that are similar, but different in ways which might effect the outcome

8. We apply a treatment and observe its effect

16. Data consisting of names, labels, or categories

18. Not able to distinguish effects, confusing

19. Like 10, but with a natural 0 starting point

20. Measurements with no decimals

21. Population is divided into 2 different subgroups so that subjects in the same subgroups share characteristics

23. Difference between a sample result and the true population result

25. Data collected in the future from groups sharing common factors

26. Every possible sample of the same size n has the same chance of being chosen

27. Study in which we observe and measure specific characteristics, but don't change anything

28. Select some starting point and do every kth element of population i.e. every 5th

Down

1. Data collected from the past

2. Repetition of experiment on a sufficiently large group of subjects

6. Sample data is incorrectly collected

7. Data observed, measured, and collected at ONE point in time

9. Numbers representing counts/measurements. *Important to use appropriate unit of measurement*

10. Different methods for planning studies and experiments, collecting data, and organizing, summarizing, presenting, analyzing, interpreting, and coming to conclusions based on data

11. Results that are easy to get

12. Complete collection of all subjects to be studied. It is complete in that it includes all elements

13. Numerical measurement describing a characteristic of a population

14. Random sample selected from population, each individual has an equal chance of being chosen

15. Population divided into sections, sections randomly selected and all members from the chosen section selected

17. Subject doesn't know whether they are receiving the treatment or a placebo

22. Data that can be arranged in some order, differences between values cannot be calculated or are meaningless

24. Like 9, but differences between data is meaningful. No natural 0 starting point

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