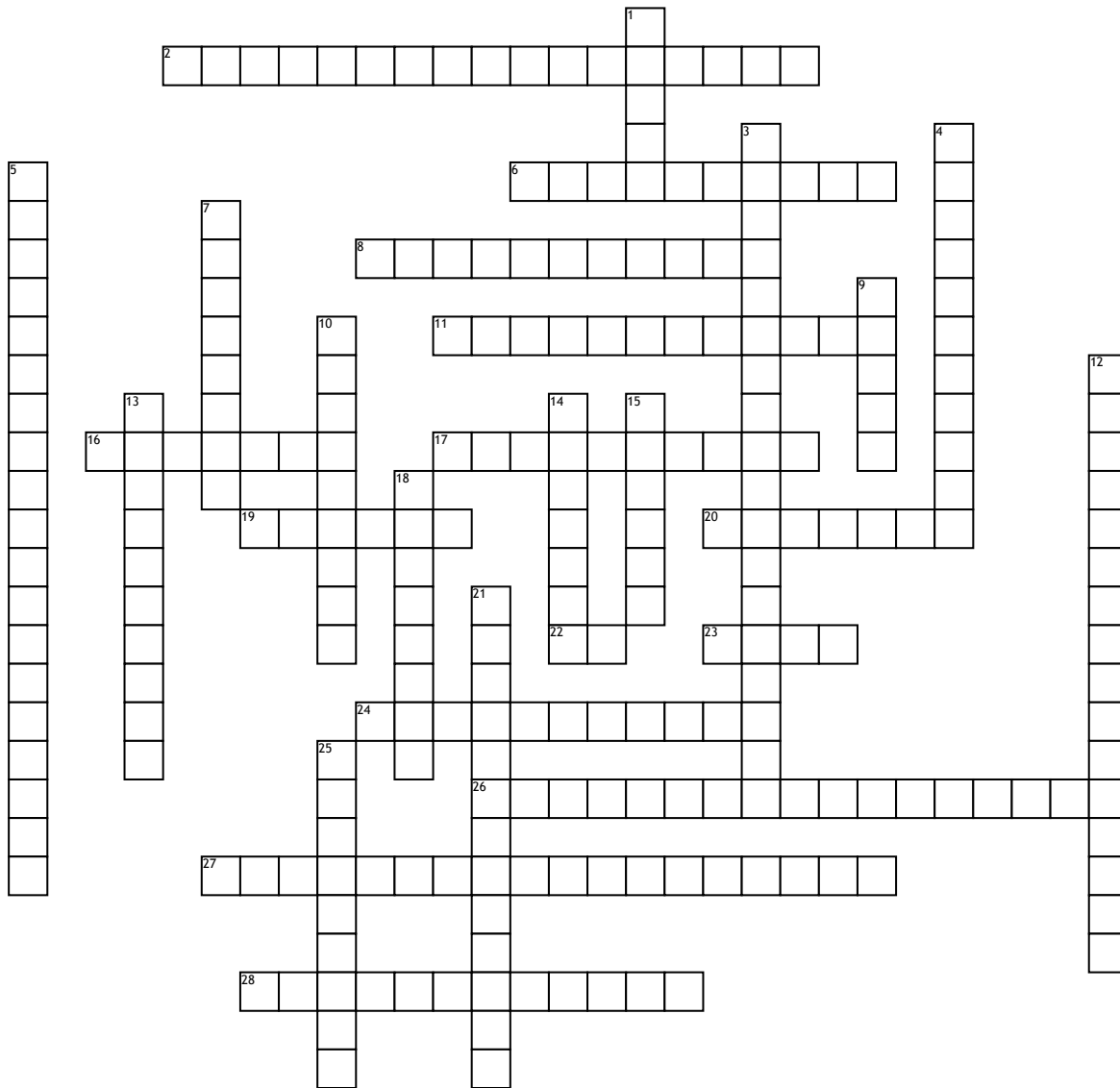


Name: _____ Date: _____ Period: _____

Vocabulary: Diversity of living things



Across

2. variable that is observed and changes in response to the independent variable
6. An optical instrument that is used for viewing matter too small to be seen by the bare eye
8. An observation that uses the five senses
11. observations that deal with hight, weight, and sizes of matter. (observations dealing with numbers)
16. a pair of tweezers used in surgery or during an experiment in a lab
17. possible explanation for a question yet to be answered
19. a simple container used for stirring, mixing, and heating liquids
20. Scientific study of life
22. Modern form of the metric system based off of tens
23. A metric unit of mass equal to thousandth of a kilogram

24. Process of noticing and describing events or processes in a carful and orderly way
26. Device used to measure mass in grams
27. knowledge and understanding of scientific concepts
28. A group in an experiment that is exposed to the same conditions as everything else, but nothing is changed on purpose

Down

1. a metric unit of capacity
3. The way scientists study the world and propose explanations for their findings
4. The extent to which an experiment, test, or measuring yields the same results repeatedly
5. A factor in a controlled experiment that is deliberately changed
7. Information indicating wether a belief is valid or not
9. The fundamental unit of length in the metric system, equal to 100 cm and 39.37 inches

10. Factor(s) that do not change in an experiment
12. A set of steps used by people conducting an experiment
13. Statement telling how your experiment that ended up and if your hypothesis was correct
14. form of protective eye ware used to keep unwanted matter out of your eyes
15. well tested explanation that unifies a broad range of observations that enables scientists to make accurate predictions
18. A thin glass tube closed at one end to hold small amounts of matter for testing experiments
21. Statement based on repeated scientific experiment that proves one conclusion causing it to be a constant
25. a logical interpretation based on prior knowledge and experiment