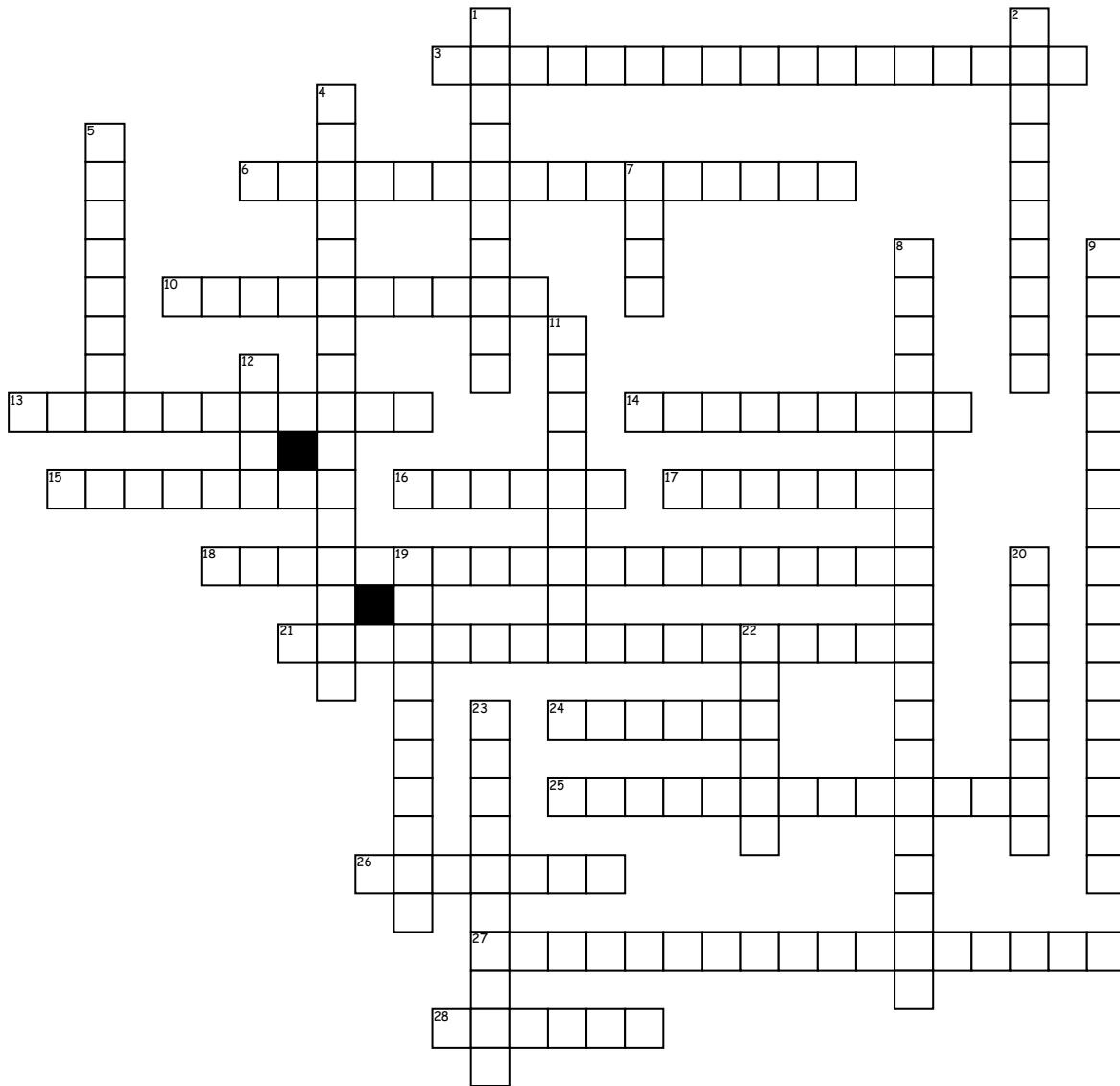


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Scientific Investigation Vocabulary



## Across

3. tool used to measure volume  
6. procedure, plan, or directions scientists follow when doing investigations  
10. possible answer to a question or problem  
13. skill using one or more senses to gather information and data  
14. written record used by scientist to share results of an experiment  
15. all factors and materials remaining the same in experiment  
16. proven hypothesis due to many experiments and consistent days  
17. standard that other conditions are compared to in experiment  
18. one factor scientist changes to test hypothesis in an experiment

21. tool used to measure mass  
24. "make or create" an experiment  
25. experiment done several times  
26. think about and study data  
27. diverse ways scientists study natural world  
28. amount of space an object takes up  
Down  
1. forecast on what may happen in future situations  
2. tool used to measure length  
4. well tested concept explaining wide range of observations  
5. process of studying results and data to find patterns  
7. amount of matter in an object

8. experiment which all variables except one stays the same  
9. factor that changes due to changes made to the independent variable in an experiment  
11. interpretation of an observation based on evidence about events that have already occurred  
12. facts, figures, and other evidence gathered by observations  
19. fair test driven by a hypothesis  
20. any factor that can change in an experiment  
22. distance between two points  
23. statement or sentence explaining what you discovered in your experiment