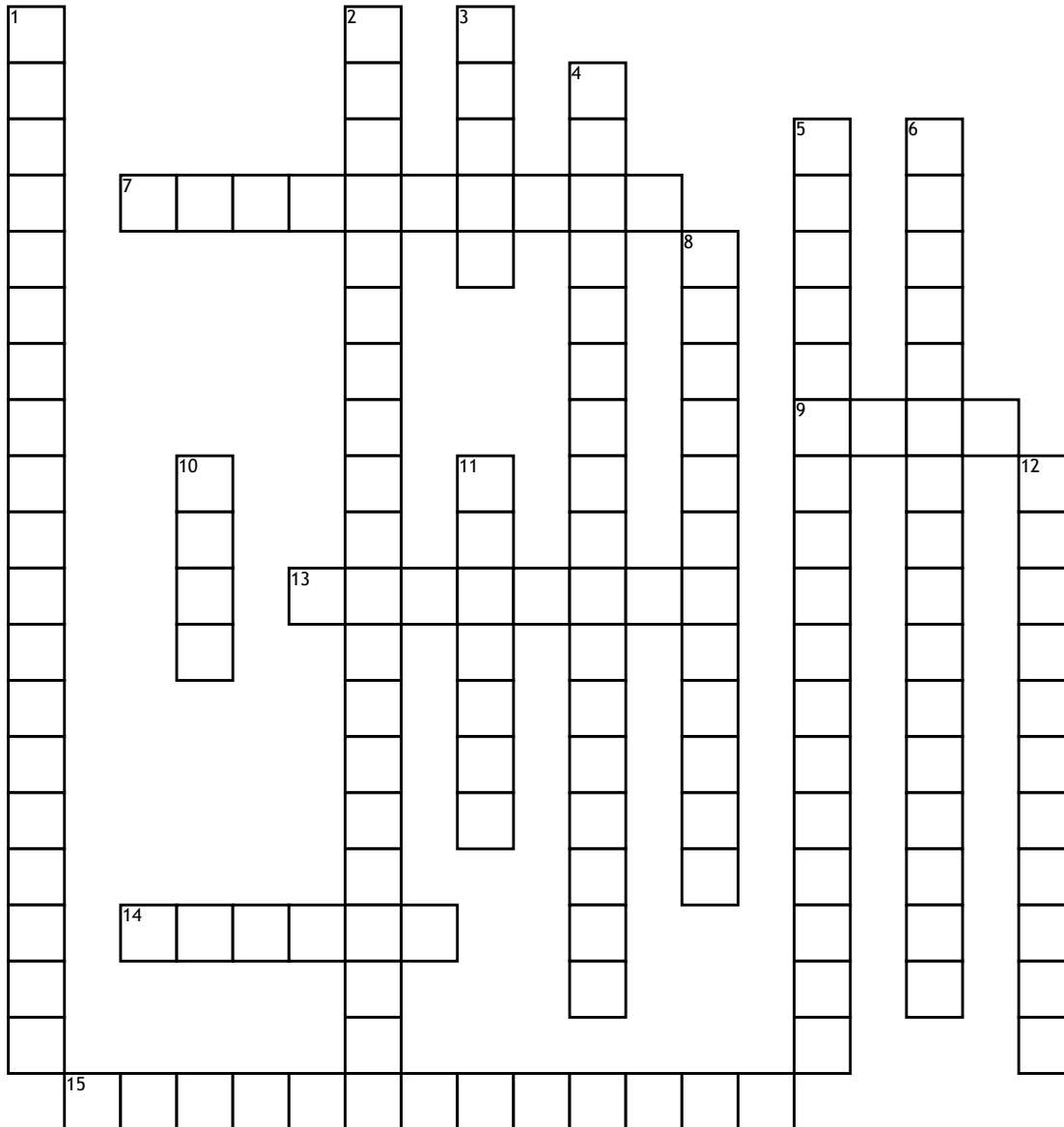


Name: _____

Date: _____

Vocabulary Activity #3



Across

7. a supposition or proposed explanation made on the basis of limited evidence as a starting point for further investigation

9. facts and statistics collected together for reference or analysis

13. the curve in the upper surface of a liquid close to the surface of the container or another object, caused by surface tension

14. the amount of space that a substance or object occupies, or that is enclosed within a container, especially when great

15. a statement based on repeated experimental observations that describes some aspects of the universe

Down

1. the variable that is changed or controlled in a scientific experiment

2. a test where the person conducting the test only changes one variable at a time in order to isolate the results

3. A systematic description of an object or phenomenon that shares important characteristics with the object or phenomenon

4. the activities through which students develop knowledge and understanding of scientific ideas, as well as an understanding of how scientists study the natural world

5. what you measure in the experiment and what is affected during the experiment

6. is a well-substantiated explanation of some aspect of the natural world, based on a body of facts that have been repeatedly confirmed through observation and experiment. Such fact-supported theories are not "guesses" but reliable accounts of the real world.

8. the decimal measuring system based on the meter, liter, and gram as units of length, capacity, and weight or mass. The system was first proposed by the French astronomer and mathematician Gabriel Mouton (1618-94) in 1670 and was standardized in France under the Republican government in the 1790s

10. a coherent, typically large body of matter with no definite shape

11. the intellectual and practical activity encompassing the systematic study of the structure and behavior of the physical and natural world through observation and experiment

12. the action of copying or reproducing something