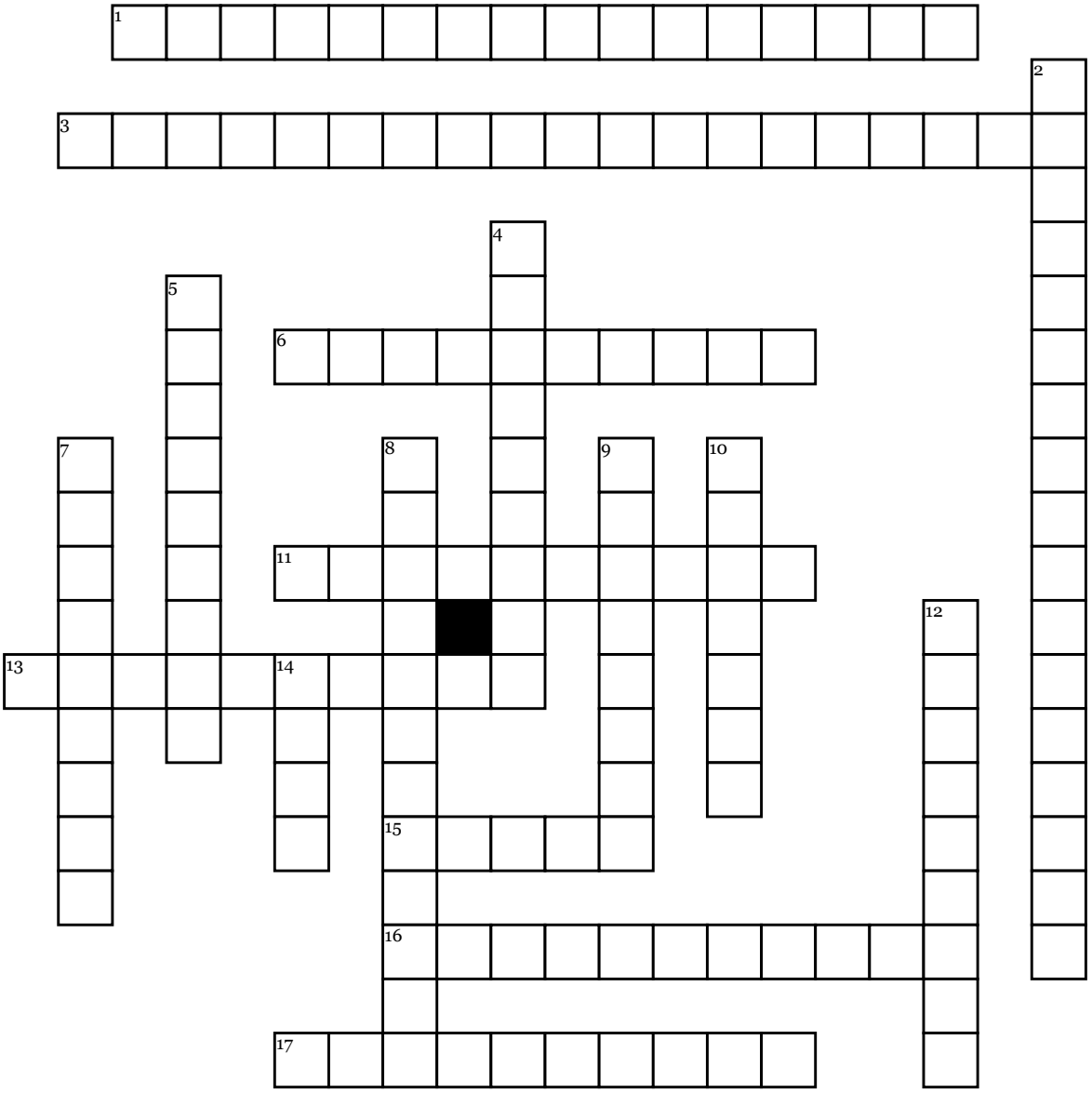
Name: _____

Scientific Method



Across

1. Observation, Hypothesis, Experiment, Data Collection, Conclusion, and Retest (if needed)

3. The variable that the experimenter decides to change/manipulate to see if there is or is not an effect.

6. Conducting a test! List your materials, the procedure, your independent variable (only ONE!), and observations.

11. Answers your original testable question; state whether your hypothesis was correct or incorrect

13. list of instructions about how to do the experiment

15. A visual representation of your data. It helps you understand all those numbers.

16. use your senses

17. A logical prediction about your "testable" question. (an educated guess)

Down

2. The variable to the experiment that responds to the change

4. Any factor that changes and affects the outcome of an experiment.

5. drawing a conclusion based on what you observe or already know

7. a list of all of the equipment and supplies used to do the experiment.

8. Something that is used for comparison during the experiment. It does not get tested with the variable.

9. Looking up information or reading about your topic to try to find out more information. Usually before you make a hypothesis.

10. It is what you start with. Usually asked as a question. It is why you are doing the experiment.

12. The factors that are kept the same in an experiment.

14. It is all the measurements taken from doing the experiment.