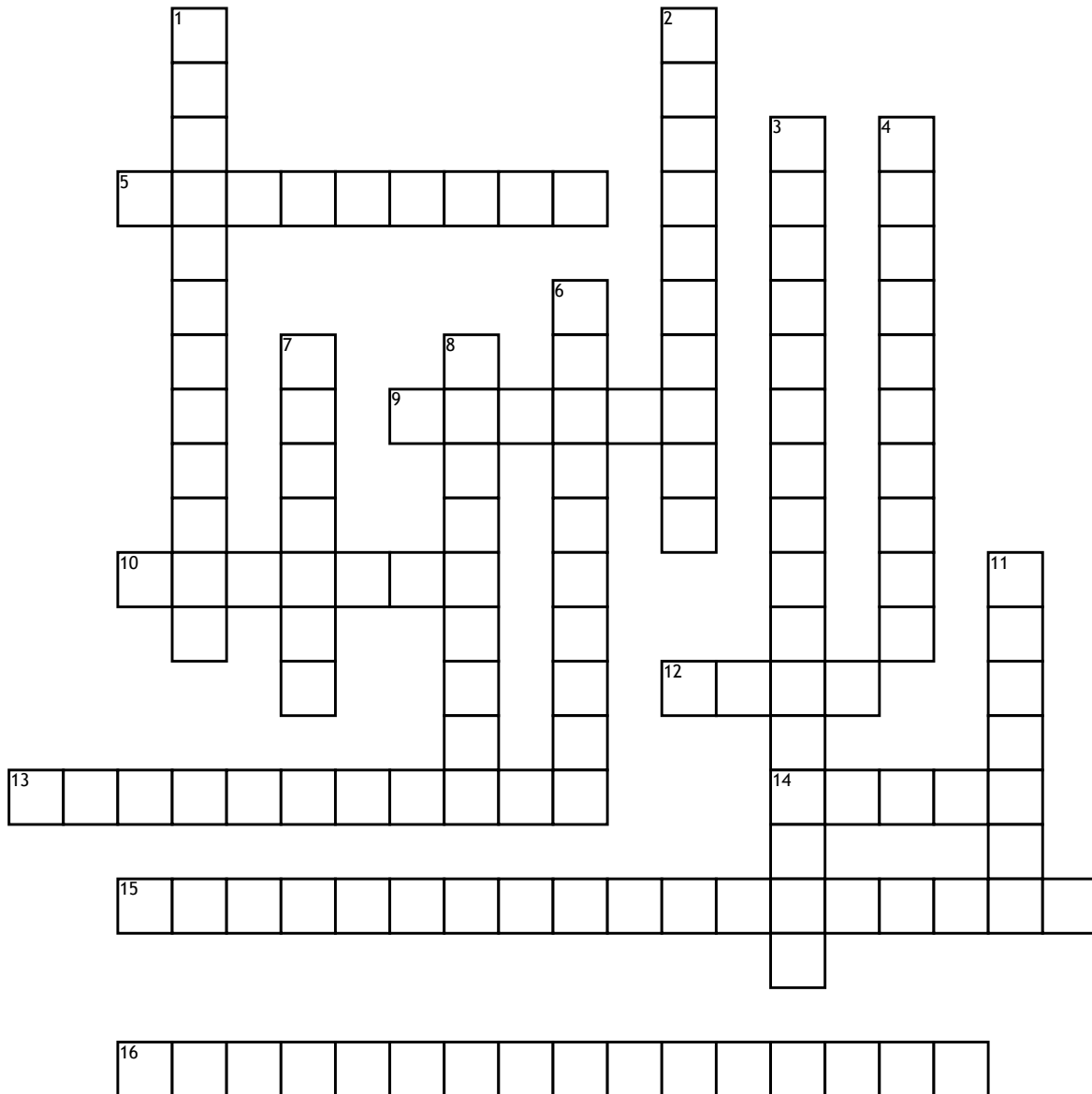


Name: _____

Scientific Method



Across

5. The _____ variable is the part of the experiment that is affected by the independent variable.
9. Scientists use their data or make charts and _____ to communicate the results of an experiment.
10. After the experiment, scientists organize and _____ data
12. The information collected during an experiment is called _____.
13. The _____ variable is the part of the experiment that is being tested or the part that is changed by the person doing the experiment.
14. Sometimes scientists make a mistake or (an) _____ and need to do the experiment again

15. parts of the experiment that you try to keep constant throughout an experiment so that they won't interfere with your test.

16. The _____ is a process tried by scientists to find answers to questions or solve problems.

Down

1. Scientists make _____ to help them make a hypothesis or collect data during an Experiment
2. The _____ is sometimes referred to as an educated guess
3. 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

4. After an experiment, scientists write a _____ which summarizes their experiment and results

6. After the scientist makes a hypothesis, they perform an _____ to collect data

7. The first step to the scientific method to define or identify the _____.

8. This describes the steps you use during an experiment.

11. The part of an experiment that is not being tested and is used for comparison.