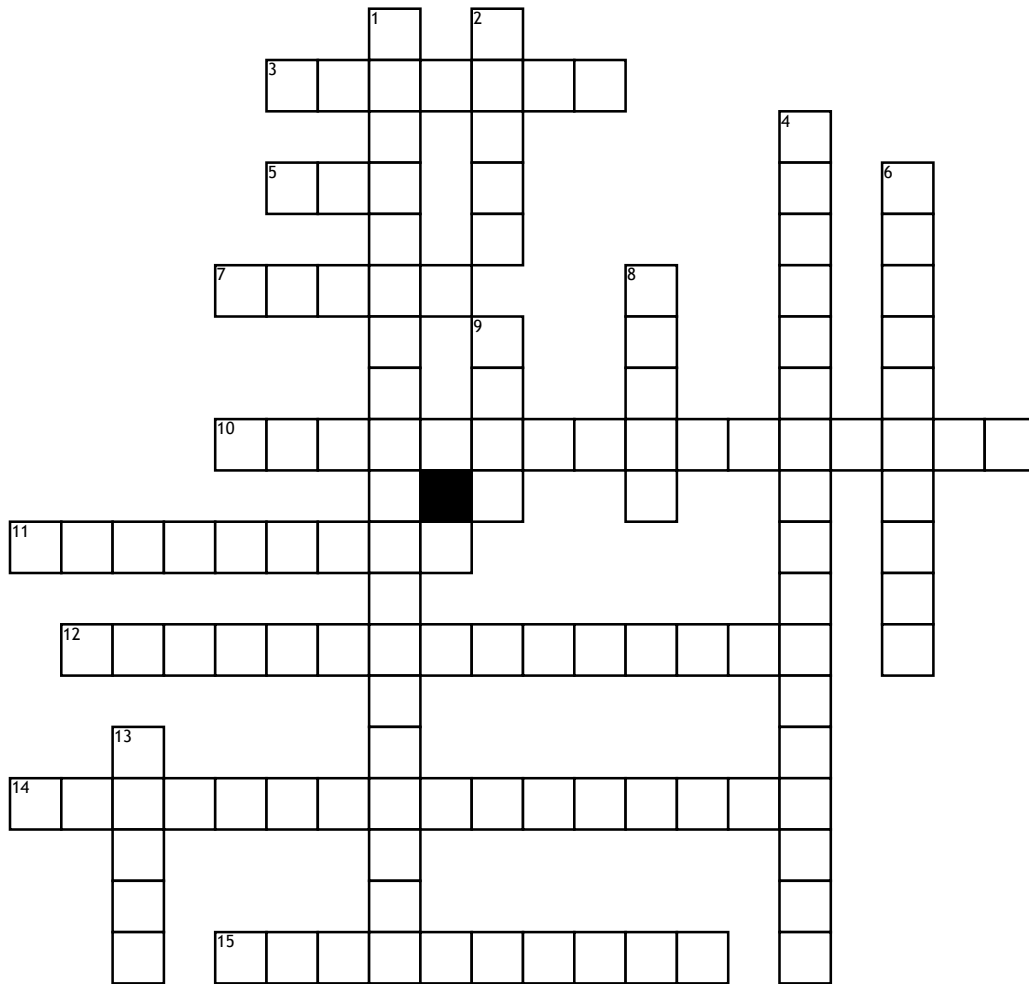


Name: _____

Date: _____

Scientific method



Across

- 3. The standard by which the test results can be compared
- 5. The amount of things you can change in a controlled experiment
- 7. The suggested amount of trials you should complete for a good controlled experiment
- 10. A logical, systematic approach to the solution of a scientific problem
- 11. Things that stay the same in the experiment

12. descriptive data gathered by an experiment

14. numerical data gathered by an experiment

15. a set of controlled observations that test the hypothesis

Down

1. variable that is manipulated, I change it

2. A way to show and analyze data from an experiment

4. The measurable effect, outcome, or response to what you changed

6. An educated guess that is stated in an If and Then statement

8. Holds the dependent variable on a graph of data

9. Facts, figures, and other evidence gathered through observations during the experiment

13. Holds the independent variable on a graph of data

Word Bank

- | | | | |
|--------------------|-------------------|----------------------|------------------|
| One | Scientific Method | Three | Hypothesis |
| Quantitative data | Y-axis | X-axis | Qualitative data |
| constants | Experiment | Graph | Control |
| Dependent variable | Data | Independent variable | |