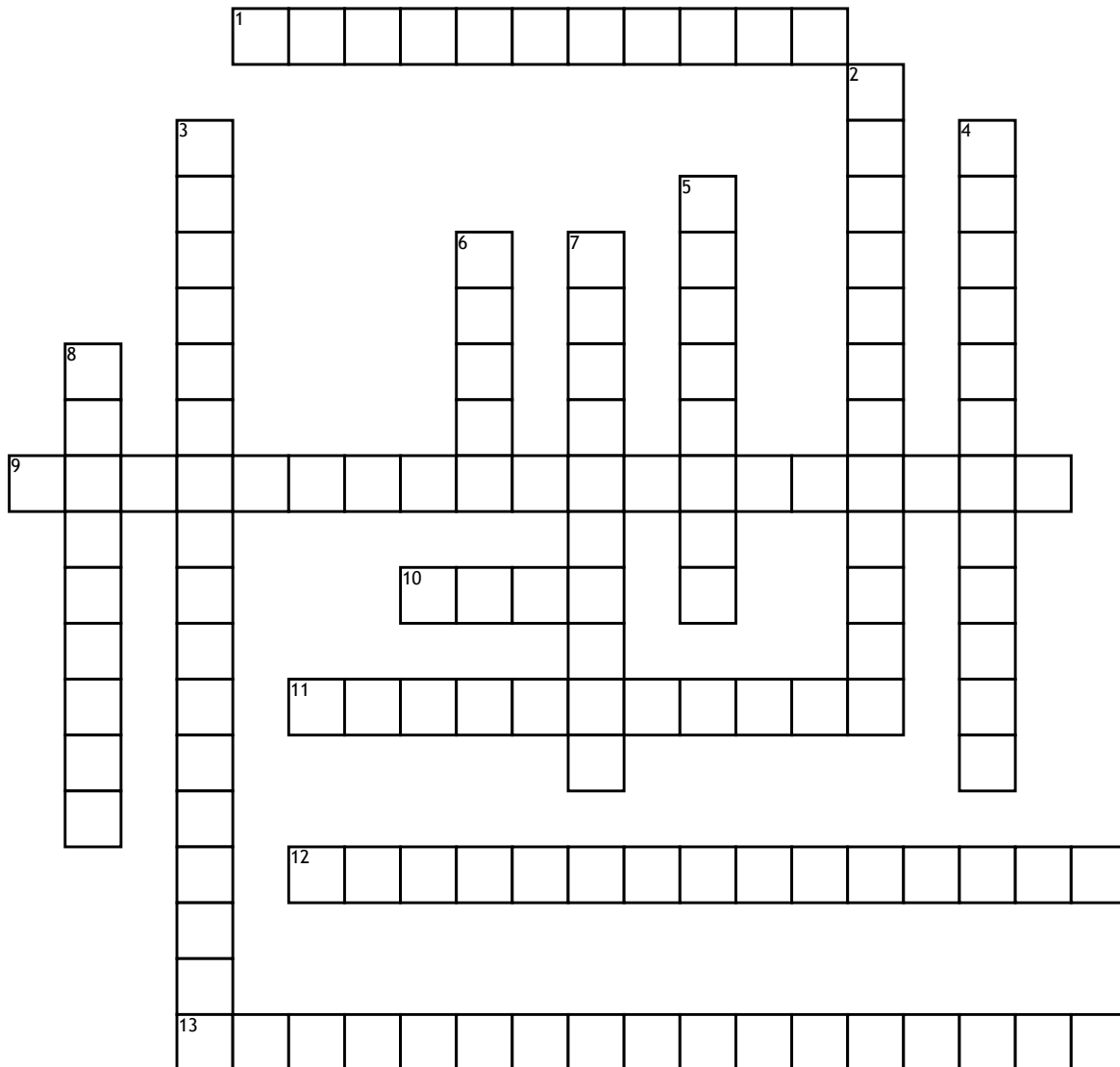


# Unit 1 Vocabulary Words



## Across

1. Information describing color, odor, shape, or some other physical characteristic.  
 9. the variable that a researcher actively manipulates, and which causes a change in the dependent variable.  
 10. A ratio that compares two quantities measured in different units (example: miles per hour)  
 11. The line that most closely approximates the data points plotted on a graph.

12. All of the factors that remain the same in both the experimental group and the control group.  
 13. In an experiment, the group exposed to the treatment (the IV is changed).

## Down

2. An observation that is measurable such as amount, height, length, weight, etc.  
 3. The research variable that is measured during an experiment; it changes in response to changes in the independent variable.

4. In an experiment, the group not exposed to the treatment; contrasts with the experimental group and serves as a comparison for evaluating the effect of the treatment.  
 5. A graph that uses horizontal or vertical bars to display data.  
 6. The steepness of a line on a graph, equal to its vertical change divided by its horizontal change.  
 7. A testable prediction; possible answer to experimental question.  
 8. A graph in which data points are plotted and then joined by a best fit line.