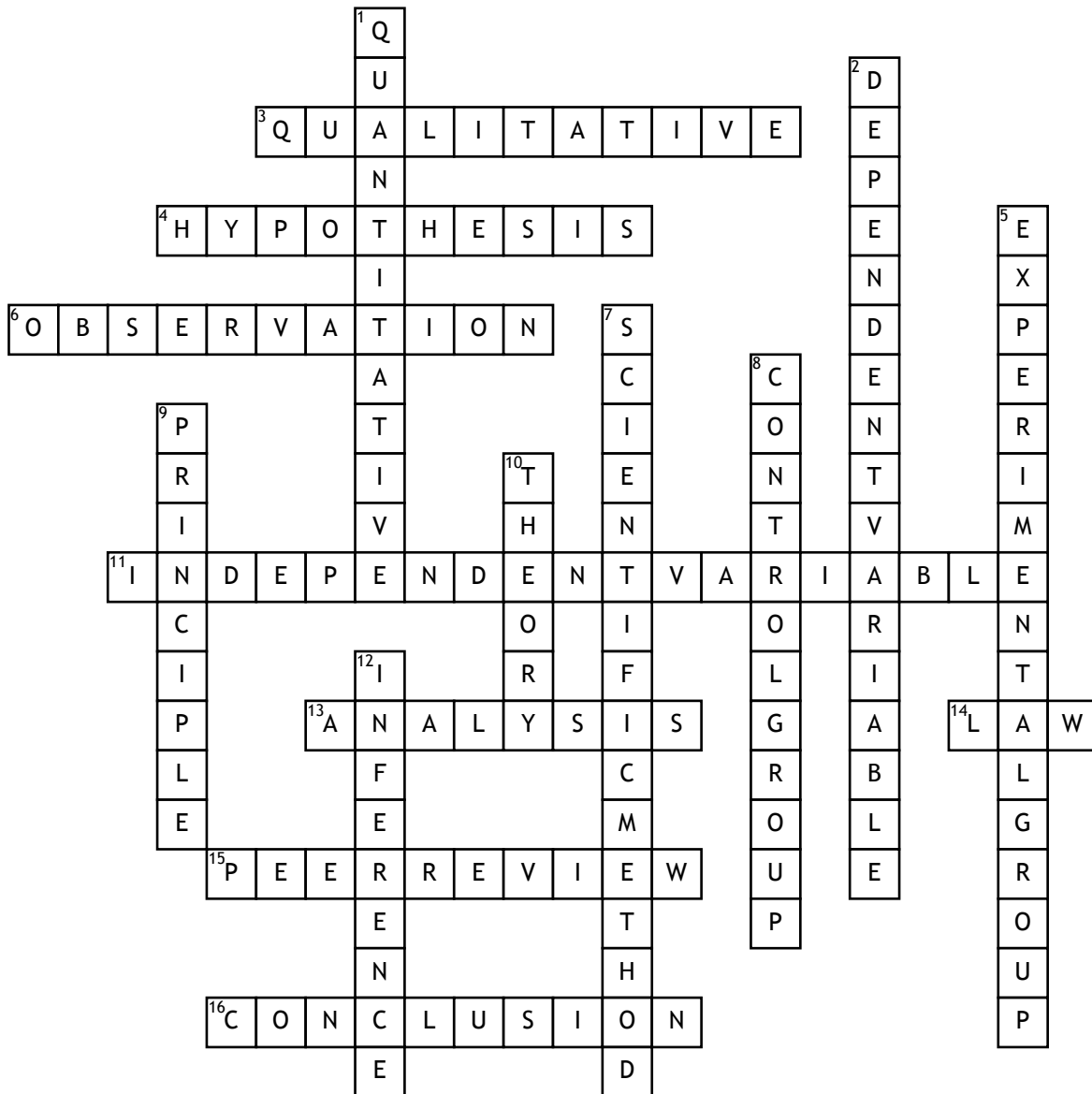


Name: _____ Date: _____ Period: _____

Scientific Inquiry Crossword



Across

3. Data describing observations through subjective values is _____.

4. A _____ is a prediction of what you believe will occur in your experiment formatted as a specific "if... then..." statement.

6. An _____ is a statement based on the senses such as taste, smell, or sight.

11. The _____ is changed during an experiment and is represented by the x axis on a graph.

13. An _____ is a written explanation of the data shown in graphs.

14. A _____ is a statement based on repeated experimental observations that describes some aspect of the universe.

15. _____ is the evaluation of scientific, academic, or professional work by others working in the same field.

16. A _____ is a written statement explaining the data analysis and whether the results support the hypothesis or not.

Down

1. Data describing observations through specific measurements is _____.

2. The _____ is measured during an experiment and is represented by the y axis on a graph.

5. In an experiment, the _____ contains the independent and dependent variables.

7. The _____ is a set of steps that scientists use to collect information and answer questions.

8. In an experiment, the _____ is observed under normal circumstances.

9. A _____ is a statement based on repeated experimental observations that describes some aspect of the universe.

10. A _____ is the best explanation for a natural phenomena that has been repeatedly tested and confirmed through observation and experimentation.

12. An _____ is a conclusion based on observations.