Scientific Method Matching

Directions: Match each statement with a scientific method step. The scientific method steps in the word bank can be used more than once.

Word Bank

experiment observation analysis question

conclusion hypothesis data

1. An _____ is when a scientist tests their hypothesis.
2. The _____ is where the scientific method begins.
3. An _____ is when a scientist watches, measures, and records the world around them.
4. A _____ is a question turned into a prediction.
5. An _____ is testing with different variables.
6. Developing an idea to test is creating a _____ to explore.
7. Interpreting _____ is figuring out what your collected information means.
8. A _____ is when the hypothesis is answered by the scientist.
9. A _____ is a statement that can be tested by others.
10. When you review and judge the data, that is _____.
11. If not proven, a new _____ is made by the scientist.
12. A _____ is a statement about the findings/results of an experiment.
13. _____ is the details collected and analyzed during the experiment.
14. Your _____ is when you review your collected data.
15. An _____ is using any of the five senses to make a judgment.
16. An _____ proves or disproves the hypothesis.

