

17. How many independent variables are required per scientific investigation?
- 10
 - 1
 - 2
18. How should a scientific investigation begin?
- With a hypothesis
 - With data
 - With a testable question or problem
19. What is a hypothesis based upon?
- A Testable question
 - Collected evidence
 - Collected data
20. What is a prediction that can be tested?
- Conclusion
 - Hypothesis
 - Inference
21. What can be determined with the collected data in a scientific investigation?
- Whether the testable question is correct or incorrect
 - Whether the conclusion is correct or incorrect
 - Whether the hypothesis is correct or incorrect
22. What three words should a hypothesis statement contain?
- When, then, because
 - If, then, because
 - If, because, then
23. What additional information should be included in a hypothesis statement?
- Qualitative and Quantitative Data
 - Conclusions and Evidence
 - Restatement of the testable question, a prediction and an explanation
24. What is a series of steps used by scientists to solve a problem?
- Scientific Method
 - Scientific Evidence
 - Scientific Mystery
25. What is a process of gathering information through the five senses?
- Prediction
 - Observation
 - Conclusion