

26. What is the variable that is tested in a scientific investigation?
- Qualitative Data
 - Quantitative Data
 - Independent Variable
27. Which of the following is helpful in forming a conclusion and is supported by data?
- Evidence
 - Scientific Method
 - Data
28. When designing an experiment or a scientific investigation, what is the first step?
- Analyze Data
 - State the problem or testable question
 - Create the hypothesis
29. Once a scientist has completed an experiment, what is the next step?
- Draw Conclusions
 - State a hypothesis
 - Analyze Data
30. Scientists can communicate findings through oral and written reports as well as which of the following?
- Graphs
 - Charts and tables
 - All of the above
31. How should predictions be tested?
- Prior knowledge
 - Multiple Trials
 - Only 1 trial

Read the following and identify the independent variable, dependent variable and the control variable for each.

Three different buckets contain 5mL, 10mL and 15 mL of soap. 100 mL of water was added to each bucket. The greater the amount of soap in a soap and water mixture, the bigger a soap bubble can be blown.

32. What is the independent variable? _____

33. What is the dependent variable? _____

34. What is the control variable? _____