

Science Test 5/10/2021  
Use pages 61-63 in your notebook or online notebook

Drag the definition to the vocabulary word.

hypothesis	constants	inference	quantitative
dependent variable	qualitative	Independent variable	variable

1. \_\_\_\_\_ describing the quality of something by its relative size, the way it looks, or its special properties.
2. \_\_\_\_\_ describing something using number measurement such as weight or height.
3. \_\_\_\_\_ a conclusion based on the best data you have at the moment.
4. \_\_\_\_\_ something that can be changed in an experiment and that could affect the outcome.
5. \_\_\_\_\_ things that remain the same on purpose during an experiment.
6. \_\_\_\_\_ something that changes in an experiment as a result of the independent variable.
7. \_\_\_\_\_ a statement that begins with IF and then.
8. \_\_\_\_\_ a deliberate change in an experiment to see how it affects the result.

**Identify which part of the Scientific Process each of the following scenarios is.**

9. \_\_\_\_\_ "People are using umbrellas. It must be raining."
10. \_\_\_\_\_ "I am going to try great amounts of baking soda in my cake recipe to see if the cake rises higher."
11. \_\_\_\_\_ "I predict that a person can run faster in sneakers than in flip-flops."
12. \_\_\_\_\_ "If I let some of the air out of my soccer ball, then it won't travel as far."
13. \_\_\_\_\_ "My dog doesn't like his new food. I wonder how it's different?"
14. \_\_\_\_\_ "A cleaning solution of vinegar and lemon juice removes stains better than solutions with just one of these ingredients."