

Name:

Date of Test:

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## Study Guide: Safety and Scientific Method Test

1. What do rules 4 and 6 have in common, and tell of some possible examples of infraction (breaking of the rules).
2. What procedure should you follow if a chemical splashes in your eye or on your skin or clothes?
3. Tell when it is necessary to wear safety goggles.
4. Why should we never leave our lab table to visit a friend's table?
5. What is the proper procedure for dealing with broken glass? What do we do with glassware that is chipped, but not broken?
6. What are some types of clothing that should not be worn on lab day? Why should they not be worn?
7. Why should even minor accidents in the science lab be reported?
8. Explain why rule number 41 was written.

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9. Give some reasons why we should not touch any lab equipment before the teacher gives permission.
  
10. What are some reasons we have safety rule 23?
  
11. Be familiar with the similarities among and differences between the three types of investigations - descriptive, comparative, and experimental.
  
12. What is the definition of a theory?
  
13. What is the difference between an independent variable and a dependent variable?
  
14. What is a constant?
  
15. What is a hypothesis?
  
16. What is a control?

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