



Laboratory Safety & Volume Measurement – Test

Please read all questions carefully and give the best answer.

Fire Safety

1. Where is the nearest Fire Extinguisher located in your classroom or laboratory?

2. T or F Always heat everything, especially chemicals.
3. T or F Heat items in an open container when instructed by your Science Instructor.
4. T or F Always reach across a flame.
5. T or F Always maintain a clean work area, particularly when using a flame.

Volume Measurement

6. Multiple Choice: How much is a fluid ounce?
 - A. 10 ml
 - B. 20 ml
 - C. 30 ml
 - D. 40 ml
7. Multiple Choice: In which career is the use of Volume Measurement critical to maintaining human health?
 - A. Electrical
 - B. Medical
 - C. Industrial
 - D. Construction

Glassware Safety

8. T or F Never use heat-resistant gloves when picking up a hot beaker.
9. T or F Always use clean glassware and thoroughly clean it before putting it away.
10. T or F You can always use cracked glassware in the laboratory.

Chemical Safety

11. T or F Never smell any chemical from its container unless instructed to do so by your Science Instructor.
12. T or F Never mix chemicals unless instructed to do so by your Science Instructor.
13. T or F Never taste or touch any chemicals unless instructed to do so by your Science Instructor.
14. T or F Keep all lids closed when chemicals are not in use.

Face & Eye Safety

15. T or F Always point a test tube or bottle towards you when being heated.
16. T or F You should always use goggles when working in the Science Laboratory.

Sharp Instrument Safety

17. T or F Always use double edge razors as single edge razors are too dangerous.
18. T or F Always handle sharp instruments with extreme care.

Electrical Safety

19. T or F Never plug too many different electrical appliances into one socket as it can cause an overload.

Animal Safety

20. T or F Always use Latex Free Gloves if you have a Latex Allergy and if you are working with a Live Animal.