

Worksheet: Lab Safety

(Frameworks Code)

True or False: In the space provided to the left of the question, mark "+" for a true statement and "o" for a false statement.

- ___ 1. The laboratory is a place for serious work.
- ___ 2. Chemicals that you may be using in the lab are not dangerous, even if used carelessly.
- ___ 3. It is important for you to understand the meaning and purpose of all directions before you begin to perform each experiment or activity.
- ___ 4. There is no danger in mixing chemicals indiscriminately.
- ___ 5. After you have carefully read all the instructions for an experiment or activity, there is no need for you to follow any special instructions given by the teacher.
- ___ 6. NEVER ask the teacher for further explanation even if you do not understand the instructions after careful reading.
- ___ 7. If you do not understand the instructions, try the activity to see what happens.
- ___ 8. It is a good idea to make up some of your own experiments and try them in the lab without the teacher's approval.
- ___ 9. It is a good habit to read the label on a reagent bottle several times before using the chemical.
- ___ 10. It is not necessary that the instructor be present when you are working in the lab.
- ___ 11. It is important that you pay particular attention to the ending of the name of a chemical.
- ___ 12. A safe way to smell a gas is to wave the gas toward your nose with your hand and sniff gently.
- ___ 13. Accidents in the lab should be reported to your instructor immediately.
- ___ 14. Since the teacher knows the location and use of the fire extinguisher and other safety devices, it is not necessary for the student to know them.
- ___ 15. Never taste chemicals unless you are asked to do so by your instructor.
- ___ 16. It is permissible to leave an unfinished experiment unattended until the next class period.
- ___ 17. All gas and water valves should be closed tightly before leaving the lab.
- ___ 18. One should never manipulate any apparatus set up for demonstration unless under the instructor's supervision.
- ___ 19. Laboratory aprons are for girls only.

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- ___ 20. If a gas burner “strikes back”, turn the gas off at the gas valve immediately.
- ___ 21. Stand very close to apparatus in which material is being heated so that you can make proper observations.
- ___ 22. Always point a test tube that is being heated away from yourself and your neighbors.
- ___ 23. The ends of glass tubing or rods should be fire-polished as soon as they have been cut.
- ___ 24. In diluting acids, ALWAYS pour the acid slowly into the water while stirring the mixture.
- ___ 25. It is permissible to pour water into concentrated acid.
- ___ 26. If any acid or base comes in contact with your skin or clothing, rinse it off at once with a large amount of water.
- ___ 27. Do not bother to clean up the lab tabletop because the next class will only mess it up again.
- ___ 28. Check the sink at the end of the class period and remove any solids that may have dropped into the sink.
- ___ 29. Take only as much chemical as you need. If you get too much, quickly return the chemical to the reagent bottle.
- ___ 30. Accidents do not happen.....they are caused.