

Lab Instructor: _____

Name: _____

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1. Why should anyone who enters the lab, even those who are not performing the experiment, wear safety goggles?
 2. Why are sandals and open-toed shoes not recommended in the chemistry lab?
 3. What precautions must you take when working with flammable chemicals?
 4. Where must you dispose of waste organic chemicals after the experiment?
 5. Why must you work with volatile organic compounds under the fume hood?
 6. What should you do if you spill some acid on your hand?
 7. What should you do if you accidentally get chemicals in your eyes?
 8. What should you do if you spill some acid or other harmful chemical on your body?
 9. Why shouldn't you leave a hot plate or Bunsen burner unattended?
 10. What should you do if your neighbor's experiment catches on fire?
 11. What should you do if a small beaker containing an organic solvent breaks?

12. A student dispensed too much of a chemical for a test she needed to perform. To keep from wasting the excess, she should return the excess chemical to the bottle. True or false? Explain your reasoning.
13. Draw a map of the laboratory, showing the locations of the following items in the lab room:
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|--------------------------|--------------------------------------|
| a. the safety shower | b. the eye wash fountain |
| c. the fume hoods | d. the deionized water faucet or jug |
| e. the fire extinguisher | f. the first aid kit |
| g. the fire alarm | h. the ring stands and clamps |
| i. your desk | j. the broken glass waste container |