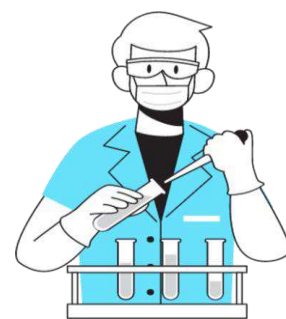


Name \_\_\_\_\_ Date \_\_\_\_\_



## SAFETY IN THE LAB QUIZ

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1. What is a laboratory?

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2. List at least 8 lab safety precautions.

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3. What is the consequence of not following the lab rules and procedures?

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4. What is the correct technique for checking the odor of a substance?

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5. If you take too much of a chemical when working, what are you supposed to do with the excess?

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**6. What is the proper and safest way to handle a hot beaker or container?**

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**7. What precautions should be taken to prevent staining or damaging your clothing in the laboratory?**

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**8. What is the correct way to dispose of chemicals at the end of the laboratory period?**

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**9. Read through each scenario. Under each scenario, write which lab safety rule is being broken.**

a. In a past lab class, Sarah noticed that her group didn't have two reagents. Without consulting the teacher, she decided to check the science storage room to find the missing reagents.

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b. John enters the lab with his backpack slung over his shoulder. As he engages in conversation with his friend, he turns suddenly, accidentally knocking a container filled with chemicals off the counter.

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c. During their lab session, Sam and Emily find themselves with leftover chemical solutions from their experiment. They decided to pour the remaining solutions down the drain and left the water running in the sink as they left for the next class.

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d. Students are conducting an experiment to find out what happens when different salts are heated. Jack challenges Rebecca to taste the salts to see if they taste like the regular salt we use in cooking.

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e. Alex wanted to check the smell of a chemical. Instead of using his hand to waft the vapors toward his nose, he leans in too close and takes a deep sniff directly from the container. As a result, he feels dizzy and his nose burns for the rest of the day.

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f. In the last chemistry lab session, Jane realized she had forgotten to eat breakfast. She sneaked a granola bar from her backpack and decided to quietly eat it when the teacher wasn't paying attention.

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10. Identify at least 8 lab safety concerns in the picture below:



Identify  
lab  
safety  
concerns  
in the  
picture



- I. \_\_\_\_\_
- II. \_\_\_\_\_
- III. \_\_\_\_\_
- IV. \_\_\_\_\_
- V. \_\_\_\_\_
- VI. \_\_\_\_\_
- VII. \_\_\_\_\_
- VIII. \_\_\_\_\_
- IX. \_\_\_\_\_
- X. \_\_\_\_\_