

Recognizing Laboratory Safety

I. Observations: List the locations of ALL safety equipment in the laboratory

II. Analyze and Conclude

Look at each of the following drawings and explain why the laboratory activities pictured are unsafe.



1. _____



2. _____



3. _____

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III. Critical Thinking and Applications

In each of the following situations, write **YES** if the proper safety procedures are being followed. If there not followed, write **NO** then write a reason for your answer.

1. April is thirsty. She rinses a beaker with water, refills it with water, and takes a drink.

2. Shem noticed that the electrical cord on his microscope is frayed near the plug. He takes the microscope to his teacher and asks for permission to use another one.

3. The printed directions in the lab book tell a student to pour a small amount of hydrochloric acid into a beaker. Jamal puts on safety goggles before pouring the acid into the beaker.

4. It is rather warm in the laboratory during a late spring day. Anna slips off her shoes and walks barefoot to the sink to clean her glassware.

5. While washing glassware, Mike splashes some water on Devin. To get even, Devin splashes him back.

6. During an experiment, Linda decides to mix two chemicals that the lab procedure does not say to mix, because she is curious about what will happen.
