Laboratory Safety Worksheet HW

Name: Loz

Directions:

* Read each situation
* Circle “Yes” if the safety rules are being followed or “no” if the rules are NOT being followed
  + If typing, delete the incorrect answer
* For each “no”, write the reason the situation is unsafe
* Check each box after you have read and followed the directions

1. Gina is thirsty. She rinses a beaker with water, refills it with water, and takes a drink. **Yes No**

Reasons if NO:

| The situation is unsafe because beakers are filled with chemicals from other experiments and by doing that she is drinking dangerous chemicals that could make her sick or have a weird reaction. |
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2. Bram notices that the electrical cord on his microscope is frayed near the plug with exposed wire showing. He takes the microscope to his teacher and asks permission to use another one. **Yes No**

Reasons if NO:

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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. **Yes No**

Reasons if NO:

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4. The printed directions in the lab book tell a student to pour a small amount of hydrochloric acid into a beaker. Daisy puts on safety goggles and pours water into the hydrochloric acid. **Yes No**

Reasons if NO:

| No because even though she puts on safety goggles she is not following directions and mixing water could ruin the chemicals. |
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5. It is rather warm in the laboratory during a late spring day. Anna takes off her shoes and walks barefoot to the sink to clean her glassware. **Yes No**

Reasons if NO:

| No because she could trip, slip on something, or step into chemicals that are dangerous. |
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6. While washing glassware, Mike splashes some water on Evon. To get even, Evon splashes him back. **Yes No**

Reasons if NO:

| No because they get into a fight, knock over chemicals while fighting and hurt each other. |
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7. During an experiment, Lindsey decides to mix two chemicals that the lab procedure does not say to mix. She is curious about what will happen. **Yes No**

Reasons if NO:

| No because the chemicals could be dangerous and could create an explosive or acidic chemical. |
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8. While heating water over an open flame, Jenny moves her pencil back and forth across the flame to see if the pencil is flammable. She is wearing goggles and a lab coat, so she thinks she is safe**. Yes No**

Reasons if NO:

| No because the pencil could catch on fire, maybe burn her hand, and would get in trouble for reckless behavior. |
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9. Bobby wants to be early for lunch. At the end of the lab, he is required to wash his glassware. He runs across the lab and cuts in line to wash his materials. **Yes No**

Reasons if NO:

| He could trip over something, get hurt, slip, fall, annoy other kids because he cut in line, and could knock over something. |
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