

Name

KEY

Date

Adv/Std Safety Worksheet

The following are short answer questions. Please read the questions carefully and answer the question using the space provided.

1. What is considered appropriate attire during an experiment?

closed-toe shoes

long pants

hair tied back

GOGGLES

lab apron

gloves

2. Suppose a student spilled a small amount of acid on her hand, what is the proper response she should take to the situation? How would her response differ if the acid were spilled on the lab bench or floor?

hand - wash with water profusely

bench/floor - neutralize with base, then soap + water

3. What should a student do if he gets a caustic chemical in his eyes?

immediately go to eyewash station

rinse for 15-20 minutes

4. In case of a fire drill during lab, what should you do before leaving the classroom?

close chemical containers

turn off gas valves

turn off fume hood

turn off

electrical

equipment

5. The following is a hypothetical lab situation. Cite two examples of proper lab behavior and give one recommendation based on the safety rules that have been discussed that would eliminate some of the danger in this situation. Please write in complete sentences.

good behavior →

Jane Science came to class with her long hair swaying and wearing closed-toe shoes and long pants on the day of a lab. She read the pre-lab instructions the night before and took notes. When she came to lab, Jane placed her backpack at her desk and brought her lab notes, worksheet, pencil and calculator to the lab table. Jane began her experiment, and the first thing she did was light a Bunsen burner.

good behavior

good behavior

↑ good behavior

eliminate danger by:

- tying hair back

- prepare all materials/supplies before lighting Bunsen burner