

Lab Safety Web Quest

1. Use the internet to figure out how to protect the following during an experiment.

a. Eyes:

b. Nose:

c. Mouth:

c. Hands:

d. Feet:

e. Body:

2. Explain what to do if your get a chemical substance in your eyes:

3. Complete the activity found on the website linked:

<https://www.ncbionetwork.org/iet/zombie-college/index.html>

What are the 5 rules of lab safety according to the activity?

4. Fill in the blanks below with the following list.

accident alone before chemicals chipped clean
glass glassware goggles gum hands heat
horseplay instructor location minor safety shoes
taste touch

Report any _____ or injury to your instructor immediately, no matter how _____ it may appear.

Never work _____. No student may work in the lab without an _____ present.

Do not _____ any equipment, chemicals or other materials in the laboratory until you are instructed to do so.

No food, drink or _____ is allowed in the laboratory. Keep _____ away from your face. Do not touch, _____, or smell any chemicals unless specifically instructed to do so.

Never fool around in the laboratory. _____, jokes and pranks are dangerous and not allowed.

Know the _____ and correct use of all _____ equipment.

Work areas should be kept clean and tidy at all times. _____ all work surfaces and equipment _____ leaving the lab.

Return all equipment clean and in working order to the proper storage area. Dispose of _____ as instructed.

Long hair must be tied back. Dangling jewelry and loose or baggy clothing must be secured. _____ must completely cover your feet.

Never handle broken _____ with your bare hands. Use a brush and dustpan to clean up broken glass. Place broken or waste glassware in the designated glass disposal container.

Examine _____ before each use. Never use _____ or cracked glassware. Never use dirty glassware.

_____ must be worn when working with chemicals, _____ or glassware.

5. Answer the following questions using the picture below.

a. List 3 unsafe activities shown in the picture and explain why each is unsafe.

b. List 3 correct lab procedures shown in the picture.

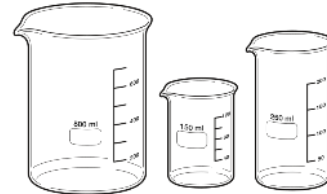
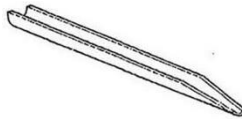
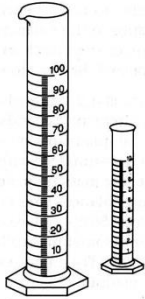


6. Label the laboratory equipment below from the following list:

Test tube tongs/holder
Beaker
Scoopula
Graduated cylinder
Beaker tongs
Electric Balance

Voltmeter
Centigram Balance
Test tube
Thermometer
Erlenmeyer flask
Alligator Clips

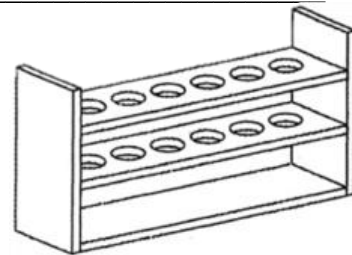
Safety goggles
Test tube rack
Bunsen Burner
Striker
Dropper
Burette and Stand



1. _____

2. _____

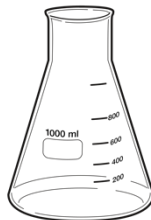
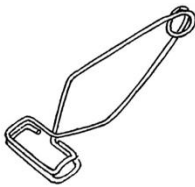
3. _____



4. _____

5. _____

6. _____



7. _____

8. _____

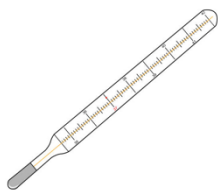
9. _____



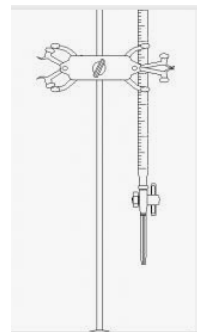
10. _____

11. _____

12. _____



13. _____ 14. _____ 15. _____



16. _____ 17. _____ 18. _____

7. Find the equipment and information card around the room and then describe the purpose/use of the equipment listed below. If * beside, find use on the internet!

Erlenmeyer flask	Striker
Beaker	Test tube
Centigram Balance	Alligator Clips*
Graduated cylinder	Voltmeter*
Test Tube Holders	Goggles
Scoopula	Bunsen Burner

ANS:

Accident

Minor

Alone

Instructor

Touch

Gum

Hands

Taste

Horseplay

Location

Safety

Clean

Before

Chemicals

Shoes

Glass

Glassware

Chipped

Goggles

Heat