

1. Describe what the following items look like and their purpose: (3.1.1)
 - a. Beaker: it looks like a cylinder container and it is used to pour liquid chemicals in
 - b. Graduated Cylinder: looks the same as the beaker and is used to measure the volume of a liquid
 - c. Petri Dish: looks like a white dinner plate and it can be used for cells to be cultured
 - d. Microscope: looks like something an eye doctor would use and it is used to look at microscopic things

2. What are some pieces of equipment used to collect data? (3.1.1 Conclusion ?s)

lab quest

3. What are the 3 pieces of PPE and their use? (Safety is and Attitude Notes)
safety glasses, lab coat, and disposable gloves. Used for protection
4. List the top 3 safety rules that you think are important: (Safety is and Attitude Notes)
Never touch broken glass, always use protection and be careful around chemicals

5. Describe the following emergency equipment: (3.1.2)

- a. Emergency Stop Button:
used to stop power to the shop
- b. Fire Blanket:
used to cut the oxygen out of fires to stop it
Used to help people first aid kit
question i couldnt type under it
- c. First Aid Kit:
- d. Fire Extinguisher:
used to extinguish fires
- e. Eye Wash/Shower:
gets foreign items out of eyes
- f. Emergency Response Card:
used to see what to do in an emergency

6. Explain what you would use the following pieces of equipment for:
(3.1.1)

- a. Thermometer: To see the temperature

Name:

3.1 Study Guide

- b. Electronic Balance: weigh or
balance something

- c. Graduated Cylinder:
pour liquid

- d. Ruler: measure something