**Lab Report Instructions: Glassware Fabrication lab**

Name and date submitted (3 pts):

Create space in the Word document below, and write or type your answers. Attach all your drawings.

 (10 questions, 100 points)

1. Carefully draw diagrams and label the following
2. Erlenmeyer flask
3. Boiling flask (Florence flask). Look it up on the Internet.
4. Beaker
5. Graduated cylinder
6. 1-and-2 hole rubber stoppers
7. Explain how to safely cut glass tubing, how to bend it using a flame, and how to draw it out to a nozzle-tip.
8. Carefully draw and label a diagram of the glass laboratory wash-bottle we fabricated in class. Label all the parts and explain how it works.

Refer to your Lab Safety Rules Agreement:

1. Explain what is meant by the "waft" principle when smelling substances in the lab. Why is this important?
2. Explain what steps you should immediately take if you get a small amount of acid or base on your hands
3. T/F: If there's broken glass on the floor, you should carefully pick it up with your hands so people don't get cut. Explain why/why not?
4. Why shouldn't you use 'cracked' beakers, test tubes, and other glassware in the lab?
5. Why shouldn't you look down the end of a test tube at the contents which have just been heated? Explain.
6. Why should you always wear eye protection in the lab? Give an example of what could happen otherwise.
7. How should you test if something is 'hot' before handling it? Explain.