I’ve done five labs and I need to think about ‘em. Name:\_\_\_\_\_\_\_\_\_\_\_

1. What were the skills I developing during the labs?
2. What tools did I have to use and what did I learn about these tools?
3. What is the benefit of writing my own lab procedure?
4. Why should I not write the procedures all the time?
5. List the general properties of matter.
6. Which of the general properties did we not measure?
7. Which of the general properties is a ratio of other general properties?
8. What is the trend that you see when you compare the density of wood, plastic, and metal? Use examples from the data and your experience to support your answer.
9. Mattheaus has been in science class and thinking about density. He has a steel action figure shaped like a zombie and was wondering what it’s density is. He cannot measure it with a ruler so decides to lower it into a graduated cylinder filled with 70ml of water. When he lowers it into the water which rises to 78.5ml. (Think displacement) He then puts the zombie figure on a triple beam balance and it indicates a mass of 67.3g. Looking at the Periodic Table of the Elements he determines the density of iron, the main ingredient of steel, is 7.86g/ml. After completing the math for Matthaeus, do you think his data is accurate enough? Explain what steps you followed to solve the problem and how you came to your conclusion.
10. An Asian Jedi Master has found a love of science and decided to measure the density of her light saber. She measures the mass to be 4250 grams and the volume to be 8500 cm3. Evaluate the measurements and decide if this jedi master has “good data”. Expain how you came to your conclusion.