QUESTIONS TO HAND IN – EXPERIMENT 2

NAME_____

LAB INSTRUCTOR_____LAB DAY/TIME_____

1. What is the volume of a cube that is 4 cm on a side?

2. What is the area of the base of a cylinder that has a diameter of 2 cm?

3. What is the volume of a cylinder with a diameter of 2 cm and a height of 5 cm?

4. The density of an object is 2.2 g/cm^3 = 2,200 kg/m^3. If it has a mass of 50 g, what is its volume?

5. The diameter of a cylinder is measured to be 2.015 ± 0.005 cm. What is the least count of the measuring instrument and what do you think the instrument is a ruler, a vernier caliper or a micrometer?