 **Metric Measurement Lab – Regulars IPC**

Instructions: For this lab, you will visit several different stations to measure items using various lab equipment.

**Graduated cylinders – what volume of liquid is in each one?**

What metric units are you using at this station? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ C. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Meter Sticks & Rulers – measure the lengths of each object using a meter stick or ruler.**

What metric units should you be using at this station? Circle the ones that make sense: m in cm

A. styrofoam block \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

B. height of our classroom door \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

C. length of the hallway from one end to the other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

D. length of lab table top (in the back) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ E. width of lab table top \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What is the area of the lab table’s top? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What *additional measurement* would you need in order to find its volume? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Triple Beam Balance – measure the mass of each cube.**

What metric units should you use at this station? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

A. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ B. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Water displacement – use your water displacement skills to find the volume of the marble. USE UNITS!!**

Volume of water before adding object: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume of water after adding object: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Volume of object: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_