

Precision of Lab Measurements

Triple Beam Balance

Record the mass, in grams, of three (3) common objects using the triple beam balance.

<i>Object</i>	<i>Mass, g</i>

When using this triple beam balance to find mass, you should record your values to the nearest _____ of a gram because _____.

Spring Scale

Record the weight, in Newtons, of three (3) common objects using the spring scale.

<i>Object</i>	<i>Weight, N</i>

When using this spring scale to find weight, you should record your values to the nearest _____ of a Newton because _____.

Meter Stick

Record the length of three (3) common objects using the meter stick.

<i>Object</i>	<i>Length, cm</i>

When using this meter stick to measure length, you should record your values to the nearest _____ of a centimeter because _____.

*Write a letter to a person of your choice in which you explain the rules for recording volume values using as examples 3 beakers that are graduated in **ones**, in **tens**, and in **hundreds** of milliliters (mL). Include a sketch of each type beaker in your letter.*