

Lab: Metric Conversions

Procedures

I. Length:

1. Use the meter stick to measure the length of the room in meters.
2. Use the meter stick to measure the width of the room in meters.
3. Convert the length and width measurements to kilometers.
4. Convert the length and width measurements to centimeters.

II. Volume:

1. Measure the volume of liquid in the graduated cylinder in milliliters.
2. Convert the volume measurement to kiloliters.
3. Convert the volume measurement to deciliters.

III. Mass:

1. Obtain a balance. Follow your teacher's instructions for correctly using the balance.
2. Mass a rubber stopper and record the mass in grams.
3. Convert the mass to Megagrams.
4. Convert the mass to micrograms.