

Lab 1 Report

Purpose: The purpose of this lab was to take measurements involving linear, volume, mass, pH, and time measurements. We used mm, cm, liters, seconds and milliseconds for our measurements.

Producers: We measured the length, width, and depth of our text in mm then converted it to cm. We measured the volume of water in a beaker in ml then converted it to liters. We poured water into a beaker and stated the mass of the liquid in mg then converted to grams. We then measured the pH of different liquids and finally measured time using our pulse rates.

Results: For the length, width and depth of the text in mm I got 27.8, 21.6, and .7 then once converted to cm it was 2.78, 2.16, and 0.07. For volume we got 50ml and 42ml and once converted to liters it was 0.05 and 0.042. For mass we got 149550 in mg and 149.55 in grams. For pH it was 4 for the liquid in container A, 7 for container B, and 9 for container C. For Time my pulse rate was 66 beats per minute, 1.1 beats per second, and 0.001 beats per millisecond.

Discussion: After talking about the lab with my partner we discussed that the lab was straight forward and a good refresher on how to measure different objects.

Conclusion: This lab gave helpful directions on how to measure and convert between different units.