

Physiological Instrumentation- Lab Report 1

Purpose: The purpose of this experiment was to familiarize ourselves with the instruments that will be used in the lab.

Procedure: The black box was observed while being used. Using a ruler. The lecture text measured length, width, and depth wise. Then water was measured in a beaker as well as a graduated cylinder. Afterwards, the mass of the volume was determined with and without water. Three different liquids were tested on ph paper. And finally, the pulse was measured in a minute.

Results:

Beats	Time
20	15 seconds
80	1 minute
1.33	1 second
0.0133	1 millisecond

Discussion: This was semi confusing at first because I got confused with cm and mm. In the end, it was a useful review. Although many of these things have been used before, it is important to review and understand before being used.

Conclusion: The results were that many of these measurements were able to be found using math. For example, instead of counting your pulse for a whole minute, you can do it for fifteen seconds and then multiply it by four. Understanding basic math was important in determining the results needed.