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# **Pre-Lab03 - Resistance and Ohms Law**

WW08.4 | Thursday, February 24, 2022 | 11:03 AM

## **State the physical goal of the experiment**

The physical goal of the Resistance and Ohm's Law lab is to measure the resistance of three resistors; after, change out the resistors for a small light bulb and measure it's ohmic properties using a digital ammeter, ohmmeter, and voltmeter.

## **Describe the theory we will be testing in the experiment**

We will be testing and demonstrating Ohm's Law.

## **Briefly (one or two sentences) describe the experimental setup.**

Using the schematics described in the circuit diagram test out the three resistors and light bulb, and measure and collect data gathered using the digital ammeter, ohmmeter, and voltmeter.

## **Write about one thing you struggled with in the pre-lab, or something that was unclear in the**

The lab workbook is easy to follow and understand as written.