

**AP Physics 1 Lab #2 — Ohmic or Non-ohmic Resistance**

Name \_\_\_\_\_

Grade \_\_\_\_\_

Objective: To determine if a given conductor obeys Ohm's Law.

Graph: Submit a distance vs. time graph of your data through the Moodle. Be sure your graph has the following items:

- Title
- Axes labeled with variable and unit
- Error bars in both the x and y directions
- Best fit curve and equation

Write a conclusion in paragraph form using complete sentences. Be sure to address the objective of the lab in your conclusion and to back up your conclusion with numerical evidence.