Experiment 3: Ohm's Law

Student Name: _____

Section Number: _____

PRELAB

PRE-LAB Instructions:

Print out this page. Feel free to refer to the lab Instructions and other materials, your physics textbook, other students, etc. to help you to ponder, understand, and work out answers to the following question(s). Show your work & answers in the space(s) provided.

PRE-LAB Questions

1) What is meant by an ohmic resistance? Name two non-ohmic resistances.

2) How will you determine the resistance value of the 10-ohm resistor in part A of this experiment? In part C?

3) How could you use a circuit containing a resistor to measure temperature?