## 2.3.1: Series and Parallel Resistors and Equivalent Resistance

## (20 points total)

1. Expected power dissipated by 1KΩ resistor (pre-lab analysis). (5 pts)
2. Provide a schematic of the circuit below, including measured resistance values. (3 pts)
3. Measured power dissipated by 1KΩ resistor (provide all measurements taken: actual resistance values, voltages, currents, power calculation). Comment on the agreement between measured and expected power dissipation – calculating a percent difference is always good! (8 pts)
4. **DEMO**: Have a teaching assistant initial this sheet, indicating that they have observed your circuit’s operation. (4 pts)

**TA Initials: \_\_\_\_\_\_\_**