Scientist: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_

**Single Resistor Practice**

1. If the Voltage difference is 4 volts, and the resistance is 4 Ohms, what must the current be?

2. If the Voltage difference is 15 Volts, and the Resistance is 1 Ohm, What must the current be?

3. If the current is 14 Amps and the resistance in a circuit is 4 Ohms, what must the voltage be?

4. If the current in a circuit is 11 Amps, and the resistance is 4 Ohms, what is the Voltage?

5. If the current in a circuit is 18 Amps and the voltage difference is 8 Volts, what must the resistance be?

Scientist: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_

**Single Resistor Practice**

1. If the Voltage difference is 4 volts, and the resistance is 4 Ohms, what must the current be?

2. If the Voltage difference is 15 Volts, and the Resistance is 1 Ohm, What must the current be?

3. If the current is 14 Amps and the resistance in a circuit is 4 Ohms, what must the voltage be?

4. If the current in a circuit is 11 Amps, and the resistance is 4 Ohms, what is the Voltage?

5. If the current in a circuit is 18 Amps and the voltage difference is 8 Volts, what must the resistance be?

Scientist: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_

**Single Resistor Practice**

1. If the Voltage difference is 4 volts, and the resistance is 4 Ohms, what must the current be?

2. If the Voltage difference is 15 Volts, and the Resistance is 1 Ohm, What must the current be?

3. If the current is 14 Amps and the resistance in a circuit is 4 Ohms, what must the voltage be?

4. If the current in a circuit is 11 Amps, and the resistance is 4 Ohms, what is the Voltage?

5. If the current in a circuit is 18 Amps and the voltage difference is 8 Volts, what must the resistance be?