NOTES

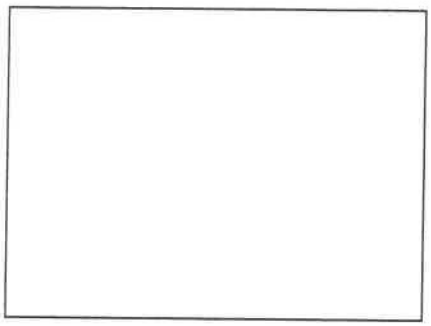
Date: _____

Ohm's Law

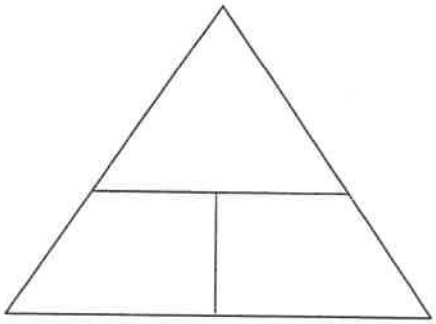
Georg Ohm discovered the mathematical relationship between:

_____( ), _____( ), _____( ),

Formula:



OR



When doing calculations, you must _____.

_____ are required for full marks.

The 3 steps are:

1. Write down the _____ you require.
2. _____ in the known values.
3. Write down your _____ with _____.

Sample Calculations: Show your work. 3 steps for each answer!!!

1. If a circuit has a 3V battery and a current of 2A, what is the resistance?

2. What is the voltage through a 10 Ω light bulb that has 2A flowing through it?

3. If a 6V battery is used with a 15 Ω bulb, what is the current flowing through the circuit?