**Homework 4**

1. Give the rule for how current behaves in a series circuit.

2. Look at the circuit below. If all the bulbs are identical and the reading on A1 is 4 Amps calculate the reading on the other ammeters



A1

A3

A2

A4

3. Give the rule for how voltage behaves in a parallel circuit.

4. Look at the circuit below. If all the bulbs are identical and the reading on V1 is 3Volts calculate the readings on the other voltmeters.

V4



V3

V1

V2