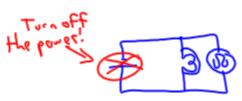
SPH3U 11.7 Electrical Resistance

1. Electrical resistance

Electrical resistance:	how difficult it is for electrons to flow through a material.
Resistor:	a device with a specific resistance -
Ohm's Law:	the voltage in a conductor is proportional to its current.
equation	V=IR. R= 4. Units: (Q (Ohms)

Calculate the resistance of a load with a voltage of 25 V and a current of 410 mA.

Ohmmeter: must be connected in parallel (like voltmeter)
and the circuit must have no power.



Homework: page 526: #2-6, 12