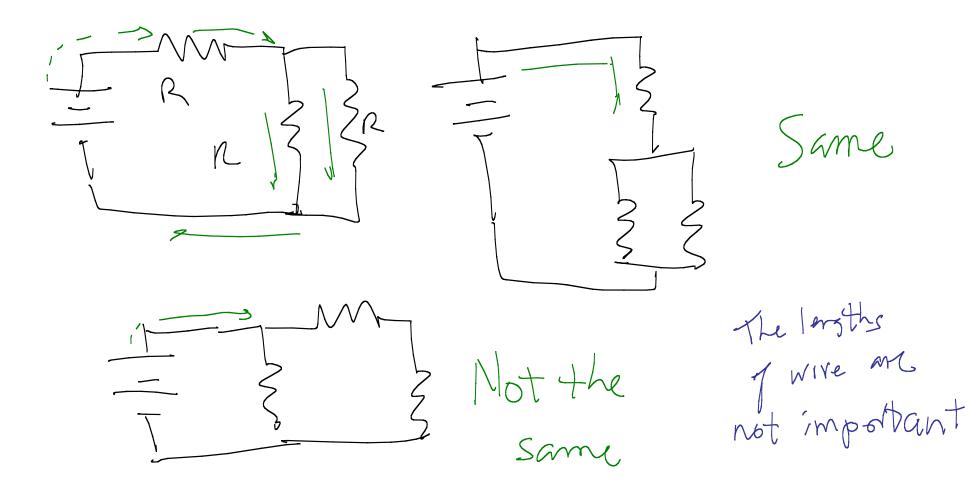
Phys 2120-4 9/26/12

Chap 24 Electric Currols

P=VI=IR=V2

W

Electric Circuits



## Series Resistors

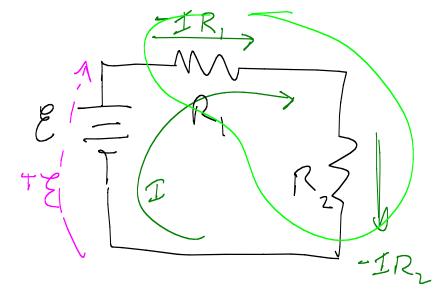
Walk aromed circuit.

List all changes in potential

SV = 0

$$\mathcal{E} - IR, - IR_{r} = 0$$

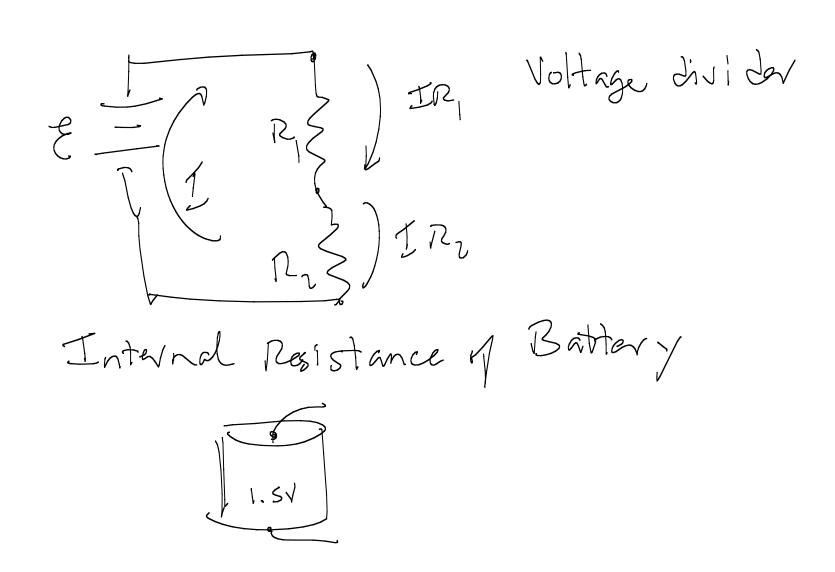
$$\mathcal{E} = I(R, + R_{r})$$



Rg= 2, 42 + 12 + 12 + 1.

Serves Resistors

$$R_{cg} = R, + R_z$$



Real battery e = (r + R)