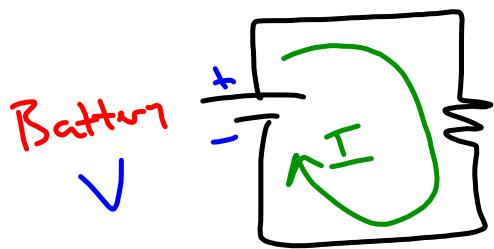


CIRCUITS

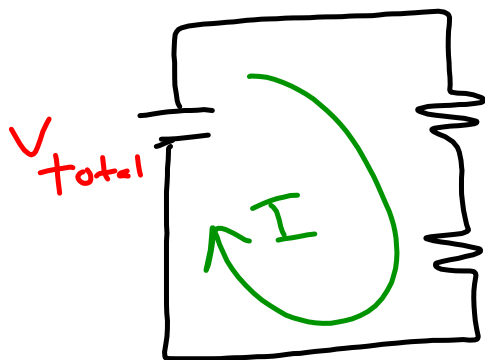


Resistor

$V \rightarrow$ electric potential
[V]

$R \rightarrow [\Omega]$

$I \rightarrow [A]$

 R_1

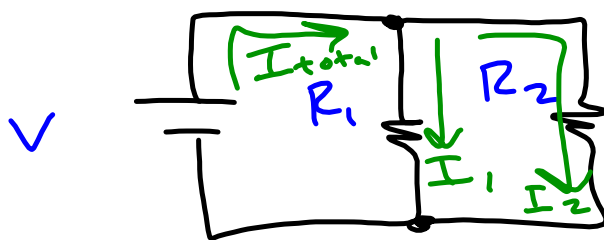
equivalent resistance

 R_2

$$R_{eq} = R_1 + R_2$$

$$V = IR$$

$$V_{total} = V_1 + V_2$$



$$\frac{1}{R_{eq}} = \frac{1}{R_1} + \frac{1}{R_2}$$

