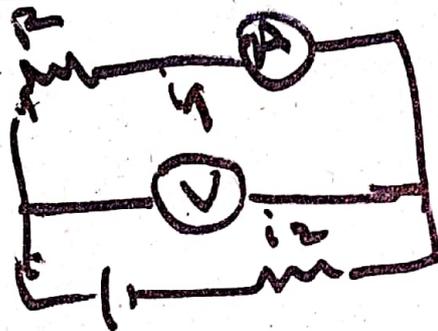


$i_1 + i_2 = i$  (nodos)  
 $i_1 R = i_2 R_V$  (masa)

⇒ medida V :  $i_1 R$   
 medida A =  $i_1 + i_2$

⇒  $\text{A} \rightarrow \frac{i_1 R}{R_V} + i_1 = i_1 \left(1 + \frac{R}{R_V}\right)$

$\frac{V}{A} = \frac{i_1 R}{i_1 \left(1 + \frac{R}{R_V}\right)} = \frac{R}{1 + \frac{R}{R_V}} = \frac{R R_V}{R_V + R}$



corriente  $\text{A} = i_1$   
 mallas:

$i_1 R + i_1 R_A - i_2 R_V = 0$   
 (no nudo)

$\text{V} \rightarrow i_1 R + i_1 R_A$   
 $\text{A} \rightarrow R + R_A \rightarrow \frac{V}{A} = \frac{R}{R + R_A}$