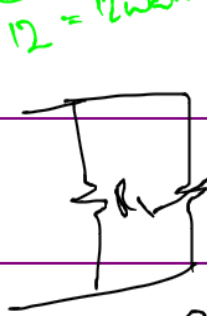
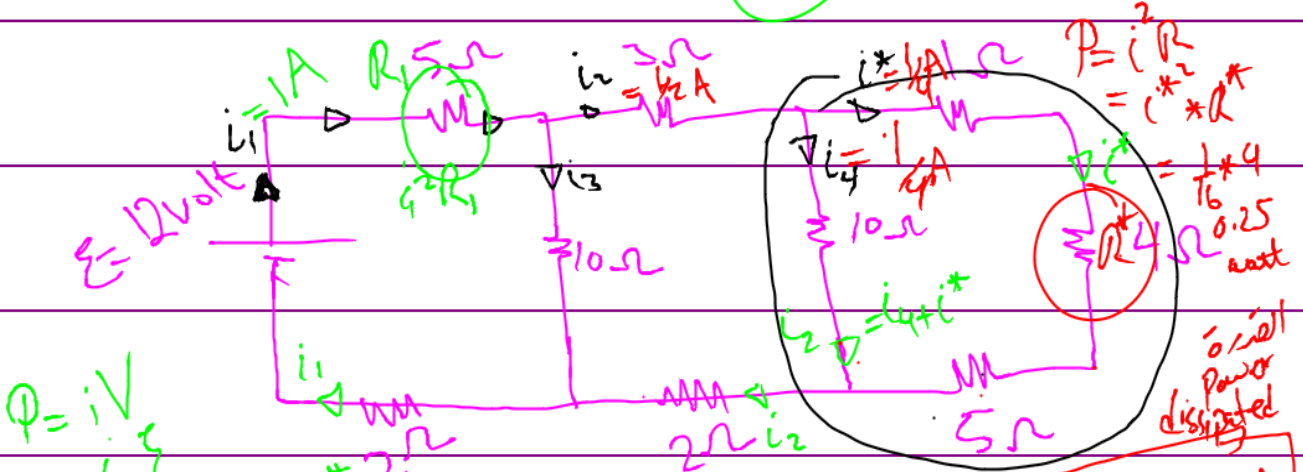


$1A = 1C/s$

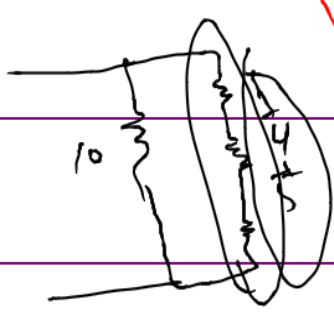
$P = i^2 R$

μC mA mA watt = $\frac{J}{s}$



$\frac{1}{R_p} = \frac{1}{R_1} + \frac{1}{R_2}$
 $\frac{1}{R_p} = \frac{R_1 + R_2}{R_1 R_2}$

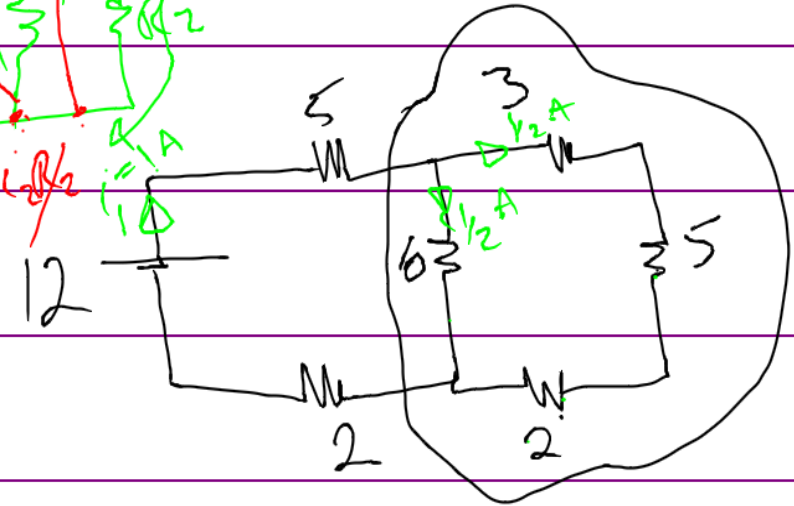
$R_p = \frac{R_1 R_2}{R_1 + R_2}$



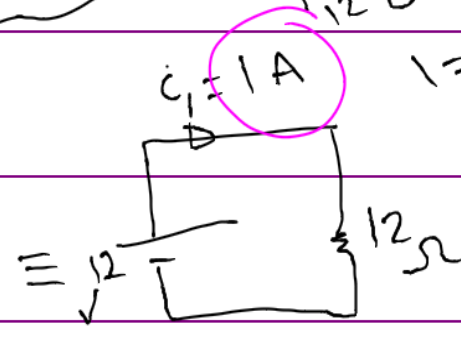
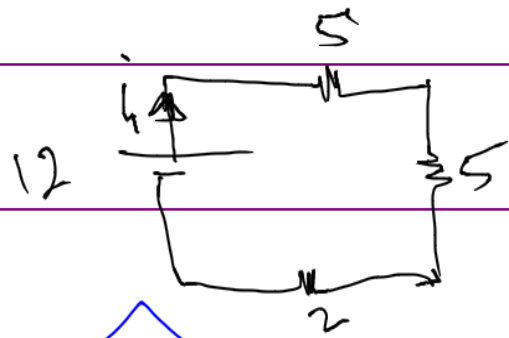
$R // R$
 $R_p = \frac{R}{2} = 5$

answ. $i = \frac{1}{4}A$

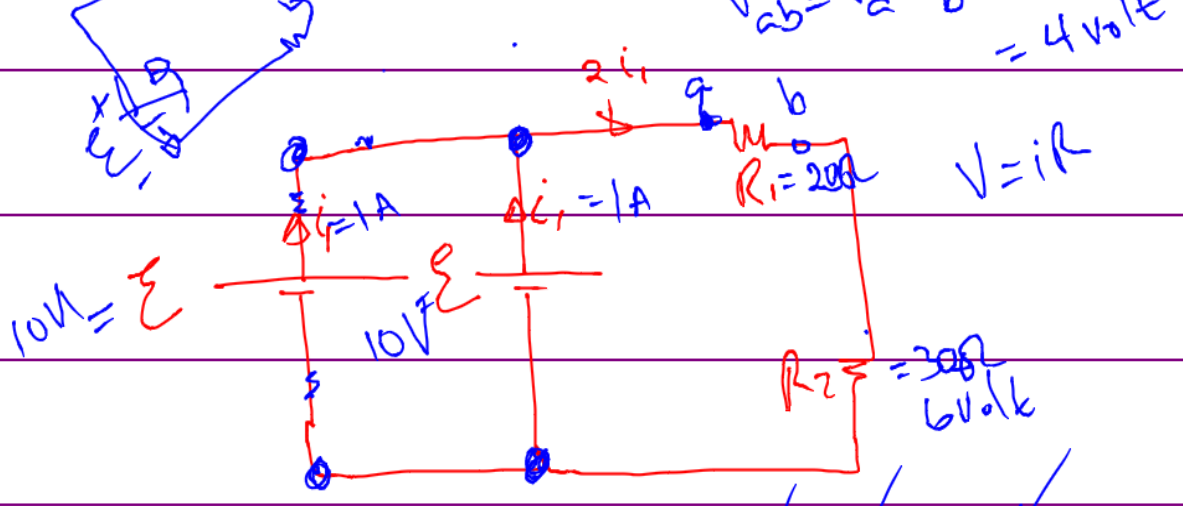
$V = iR$



$\bar{U} = A$
 $12 \bar{U} = 12$
 $1 = \bar{U}$



$V = V_a - V_b = 0.02 \cdot 200$



$$2i_1 * (R_1 + R_2) = E$$

$$i_1 = \frac{E}{2(R_1 + R_2)} = 0.01 \text{ A} = 10 \text{ mA}$$