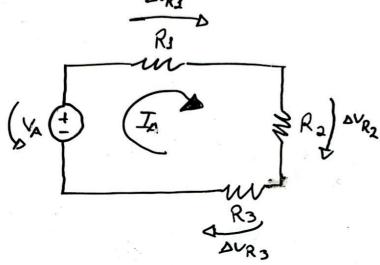
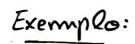
## Divisos de tensoès

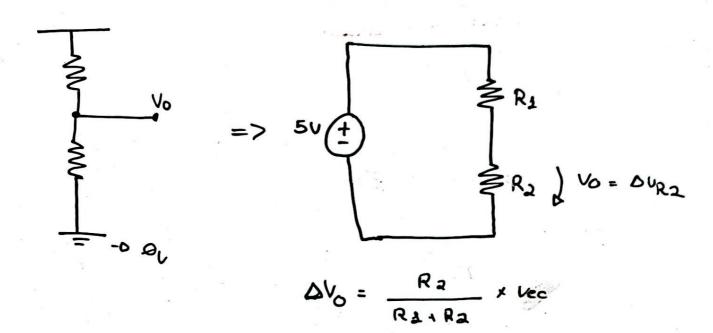
-P Imaginando um circuito só com 1 malha.

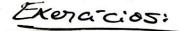


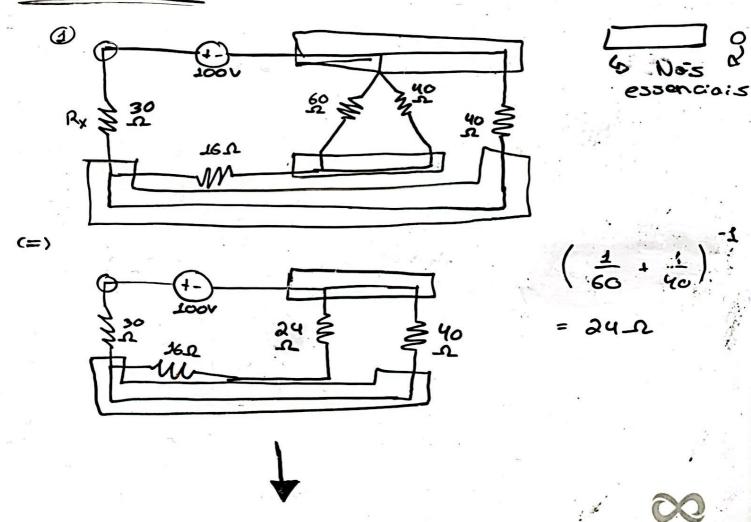
(=) 
$$I_A = \frac{V_A}{R_1 + R_2 + R_3}$$
...

$$DV_{R_3} = \frac{R_i}{\sum_{j=1}^{N} R_j} \times V_A$$

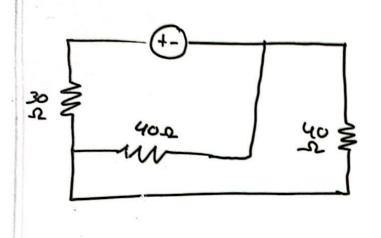




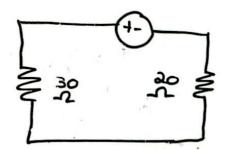




242 + 165 = 40-15



$$\begin{pmatrix} \frac{1}{40} + \frac{1}{40} \end{pmatrix}^{-1} = 20 \text{ L}$$

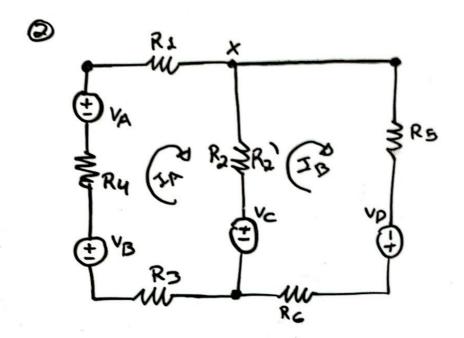


Ra

Em série pagemos Rs + Ra = Regs

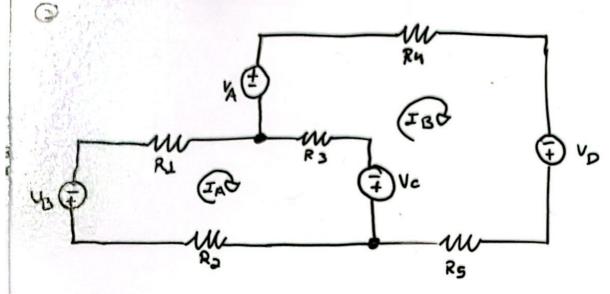
$$R_1$$
  $R_2$ 

Em paralelo fojernos ( = Roge ) = Roge









$$\begin{cases} DU_{R4} + DU_{R3} - V_{C} + DU_{R2} + V_{B} = \emptyset \\ DV_{R4} - V_{D} + DU_{R5} + V_{C} + DU_{R3} - V_{A} = \emptyset \end{cases}$$

$$\begin{cases} R_{1} \cdot I_{A} + R_{3} \cdot (I_{A} - I_{B}) - V_{C} + R_{2} \cdot I_{A} + V_{B} = \emptyset \\ R_{4} \cdot I_{B} - V_{D} + R_{5} \cdot I_{B} + V_{C} + R_{3} \cdot (I_{B} - I_{A}) - V_{A} = \emptyset \end{cases}$$

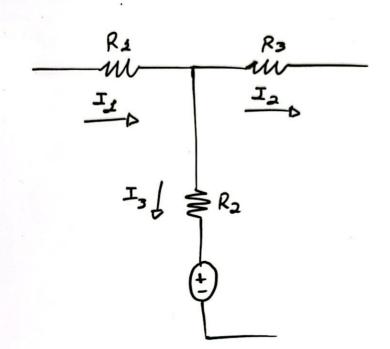
$$\begin{cases} I_{A} \cdot (R_{3} + R_{3} + R_{2}) = V_{C} - V_{B} + R_{3} \cdot I_{B} \\ I_{B} \cdot (R_{4} + R_{5} + R_{3}) = V_{D} - V_{C} + V_{A} + R_{3} \cdot I_{A} \end{cases}$$

No-1a:

$$P = DV \cdot I$$
 $P = R \cdot I^2$ 
 $DV = R \cdot I$ 

Apenas

nos susisténcias.



$$J_{3} = I_{2} + I_{3}$$

$$I_{3} = I_{3} - I_{4}$$

$$I_{3} = 4_{A} - 2_{A}$$

$$I_{3} = 2_{A}$$

