$$\mathcal{L} = \frac{e^{4a}}{e^{4a}} = \frac{1}{4a} + \frac{1}{4a} = \frac{10}{24} = \frac{1$$

c)
$$O \approx \frac{V_{ab}}{4} (A)$$

$$Q \approx \frac{V_{ab}}{6} (A)$$

$$d_{1} O P = V \cdot \Sigma = \frac{V_{\text{ris}}^{2}}{4} (\omega)$$

$$P = V \cdot \Sigma = \frac{V_{\text{ris}}^{2}}{6} (\omega)$$



$$T_{1}: I = ImA$$

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$$T_{1}: I = ImA$$

$$T_{1}: I = ImA$$

$$T_{2}: I = ImA$$

$$T_{3}: I = ImA$$

$$T_{4}: I = ImA$$

$$T_{5}: I = ImA$$

$$T_{1}: I = ImA$$

$$T_{1}: I = ImA$$

$$T_{1}: I = ImA$$

$$T_{2}: I = ImA$$

$$T_{3}: I = ImA$$

$$T_{4}: I = ImA$$

$$T_{5}: I = ImA$$

$$T_{5}: I = ImA$$

$$T_{7}: I = ImA$$

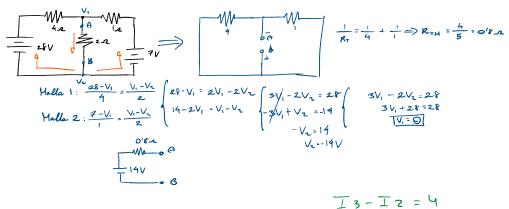
$$T_{7$$

$$V_{AB} = \Omega_{AB} \cdot R = \Omega_{AB_1} \cdot 2 \cdot 10^3 + \Omega_{AB_2} \cdot 2 \cdot 10^3 = 1V$$

$$I_{AB_1} = \frac{V}{R} = \frac{2}{2 \cdot 10^3} = 1mA$$

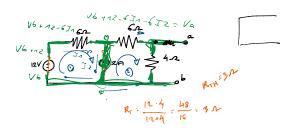
$$I_{AB_2} = \frac{-1}{2 \cdot 10^3} = -0^5 mA$$

$$\begin{cases} 2\sqrt{1} - \sqrt{1} = 24 \\ 5\sqrt{1} - 2\sqrt{1} = 0 \\ 4\sqrt{1} = 24 \\ \sqrt{1} = 6\sqrt{1} \end{cases}$$



K. K. K.

 $R_1 = \frac{R_n R_0 \cdot R_0 R_0 + R_0 R_0}{R_0} \qquad R_0 = \frac{R_n \cdot R_1}{R_1 + R_1 + R_2}$



 $V_{nB} \implies V_{C} = V_{A} + 4$ $V_{C} = V_{C} - 8 = V_{A} - 4$ $V_{F} = V_{C} - 10 = V_{T} - 14$ $V_{B} = V_{F} - 24 = V_{T} - 18 \implies V_{AB} = 18V$

 $p(T_1-2) \cdot 25 - T_1 \cdot 20 = -30$ $10V - 40V = T_1 \cdot (5 - 20) - T_1 \cdot 20 = -30 = T_1 \cdot 25 - T_1 \cdot 20$ $40V = T_1 \cdot (20 - T_1 \cdot 20) = T_1 \cdot T_1 \cdot 2 = T_1 \cdot T_1 - 2$ $V_{00} \cdot -T_1 \cdot 20 = -20T_1 = -80$