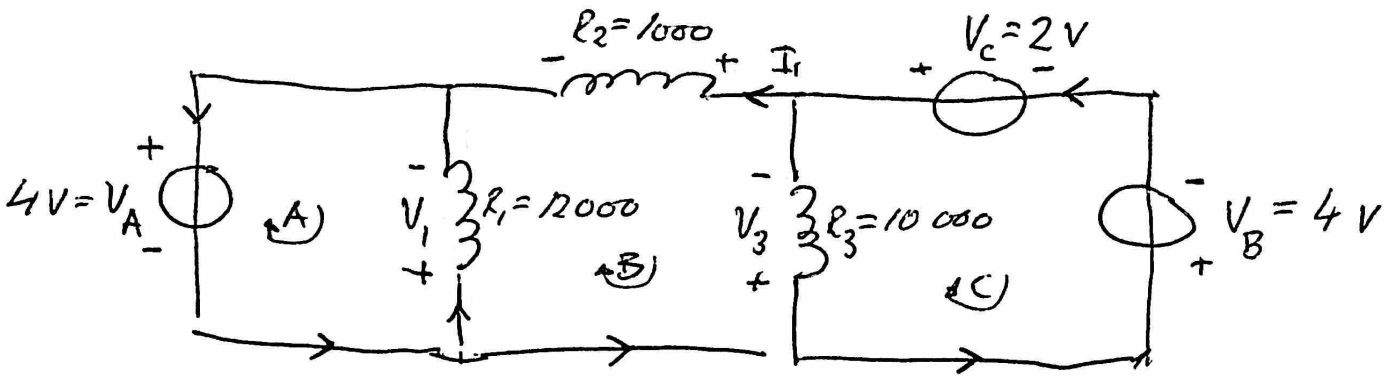
PROBLEM 6



(A) $-V_A - V_1 = 0 \rightarrow -4 = V_1$

(B) $-V_2 - V_3 + V_1 = 0 \rightarrow -V_2 - 2 + (-4) = 0 \rightarrow V_2 = -2 - 4 \quad V_2 = -6V$

(C) $V_c - V_B + V_3 = 0 \rightarrow 2 - 4 + V_3 = 0 \rightarrow V_3 = 4 - 2 \quad V_3 = 2V$

$$I_1 = \frac{V_2}{R_2} \rightarrow I_1 = \frac{-6}{1000} \quad I_1 = -0,006 A$$

$$I_1 = -6 mA$$