Apply KVL to the loop

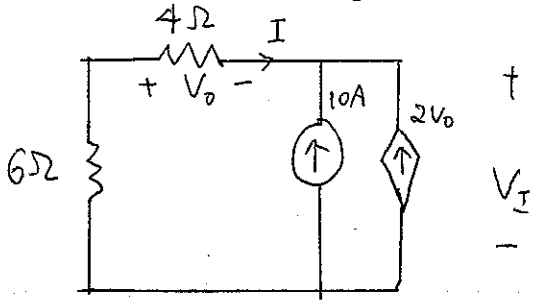
1. $-10 + 15 i_o - 5 = 0$

$$i_o = 1A$$

$$V_o = -10 i_o + 10 = \underline{0V}$$

(5)

2. Find V_o and voltage across the current sources



$$\frac{V_o}{4} + 10 + 2V_o = 0$$

$$V_o = -\frac{40}{9} V \quad (-4.44V)$$

$$I + 10 + 2V_o = 0$$

(5)

$$I = -10 - 2V_o = -10 + \frac{80}{9} = \frac{-10}{9} A$$

$$V_I = -10I = \frac{100}{9} V \quad (11.11 V)$$