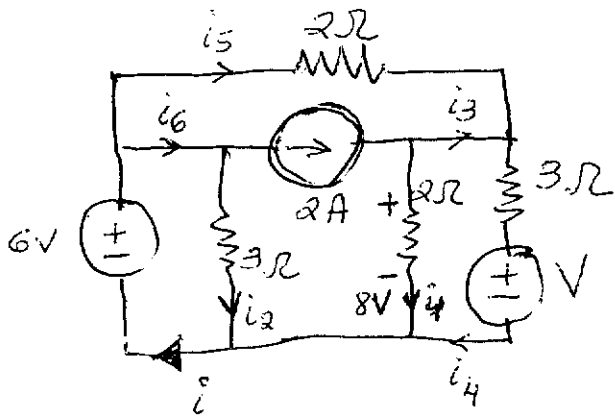


(17) 1 - p'as idon - 1 don

idon



$\cdot V$ \rightarrow i \rightarrow i_3 i_4

$$i_1 = \frac{8V}{2\Omega} = 4A;$$

17

$$i_3 = 2A - 4A = -2A;$$

$$\begin{cases} 6V = 2\Omega \cdot i_5 + 3\Omega \cdot i_4 + V \\ 8V = 3\Omega \cdot i_4 + V \\ i_5 + i_3 - i_4 = 0 \end{cases}$$

$$\Rightarrow i_5 = -1A \Rightarrow i_4 = -3A$$

$$i_7 = i_1 + i_4 = 1A$$

$$i_2 = \frac{6V}{3\Omega} = 2A$$

$$\Rightarrow i = i_2 + i_1 + i_4 = 3A //$$

$$V = 17V //$$