

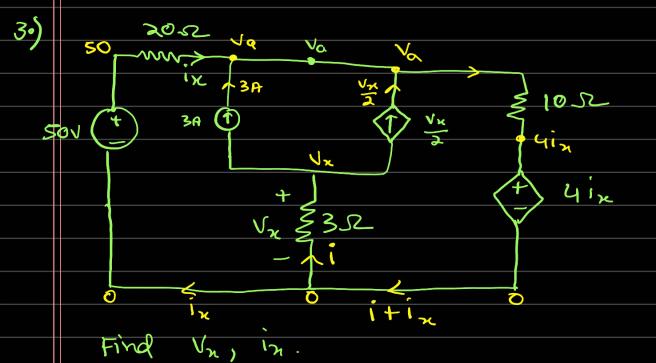
$$i = \frac{3}{12} + \frac{\sqrt{2}}{6} + 9$$

$$\frac{13}{4} - \frac{1}{3} = \frac{37}{4} + \frac{1}{6}$$

$$\Rightarrow \frac{\sqrt{1+\sqrt{2}}}{3} = -6$$

And
$$V_2 - V_1 = 3$$

$$\Rightarrow$$
 -36 -21, -1, =3



Ans)
$$i = 3 + \frac{1}{2} = -\frac{18}{3} \Rightarrow \sqrt{x} = -\frac{18}{5} \sqrt{x}$$

$$50 - 20i_{x} - 10(i_{x} + 3 + \frac{1}{2}) - 4i_{x} = 0$$

$$\Rightarrow 50 - 20i_{x} - 10(i_{x} + 6) - 4i_{x} = 0$$

$$\Rightarrow 50 - 30i_{x} - 12 - 4i_{x} = 0$$

$$\Rightarrow$$
 -34i_x+38 = 0

$$\Rightarrow i_{\chi} = 19 A$$

Ans)
$$\frac{V_1 - V_0}{20} = \frac{V_0}{10} + 3 + i_0 - 0.1 V_0$$

$$\Rightarrow v_1 - v_0 = 3 + i_0$$

Find Vogio.

$$V_1 - 10i_0 = V_1 - V_0 - 2i_0$$

$$V_{1} = 100 - 20 \left(\frac{1}{10} + \frac{1}{10} \right)$$

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$$= 100 - 20 \left(\frac{1}{10} + \frac{1}{10} + \frac{1}{10} \right)$$

$$= 100 - 20 \left(\frac{1}{10} + \frac{1}{1$$