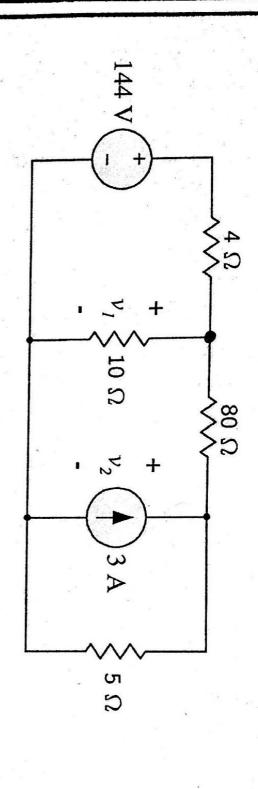
Example 3: Nodal Analysis



Node I) Solve for v_1 and v_2 .

$$\frac{V_1 - 144 + V_1}{4 + \frac{10}{10} + \frac{10}{80} = 0}{80} = 0$$

Node II)
$$\frac{v_2-v_1}{80} - 3 + \frac{v_2}{5} = 0$$

$$\frac{v_2-v_1-2v_0+16v_2=0}{5}$$

$$(17 V_2 - V_1 - 240)$$

