201-DA

$$\frac{150-511}{20} = 0$$

$$= 271/+2150=0 \longrightarrow 0$$

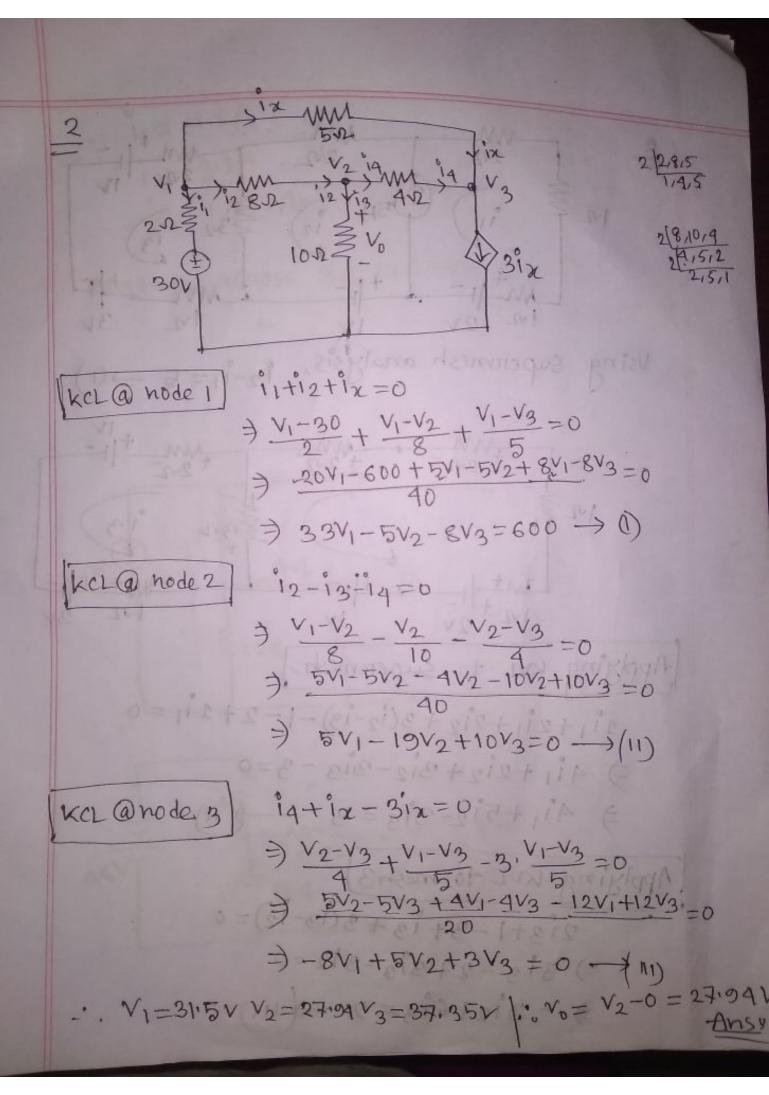
KCL@ node2
$$\frac{V_1-V_2}{10} - \frac{V_2+10V_1}{4} = 0$$

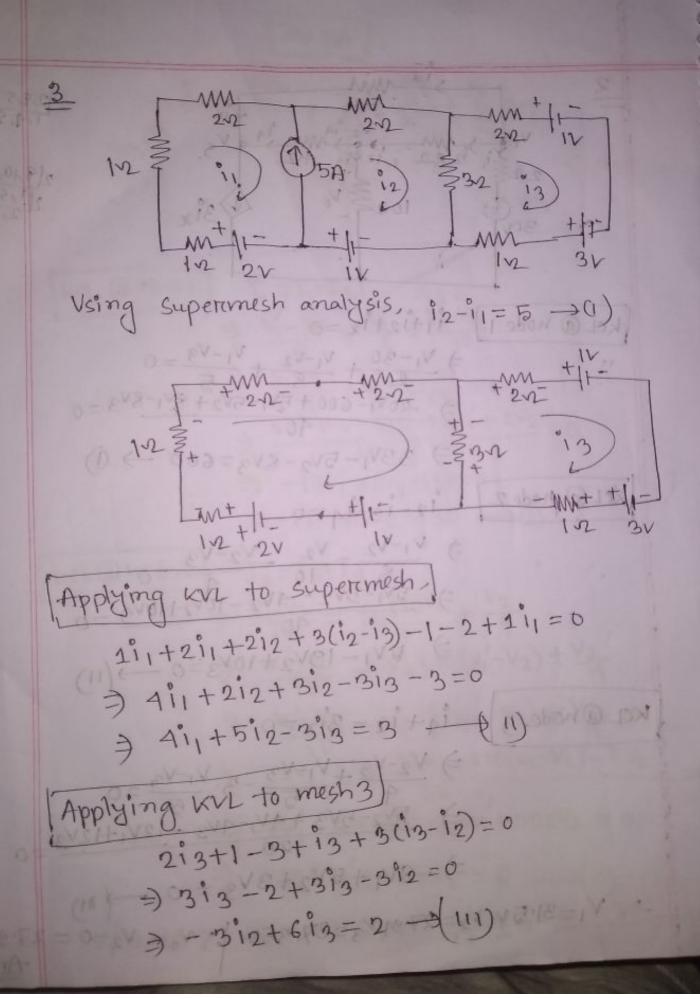
 $\frac{V_1^1-V_2}{10} - \frac{V_2+10(V_1^1-V_2)}{4} - \frac{V_2}{4} = 0$
 $\frac{V_1^1-V_2}{10} - V_2 - \frac{10V_1^1+10V_2-V_2}{4} = 0$

$$\frac{2V_{1}-2V_{2}-20V_{2}-200V_{1}+200V_{2}-5V_{2}}{20}$$

· V1 = 6.1V V2= 6.95V

$$T = \frac{30 - V_1'}{4} = \frac{30 - 6.1}{4} = \frac{5.975A}{A}$$





11=-1.8A 12= 3,2A 13=1.933A Voltage across 3-2 resistor = (12-13) x3 = (3.2-1.933) x3 = 3.8 V An)