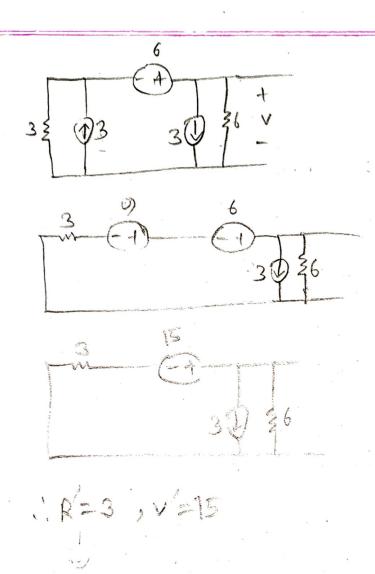
Nome: Musfikur Rohman Makin

ID: 23201432

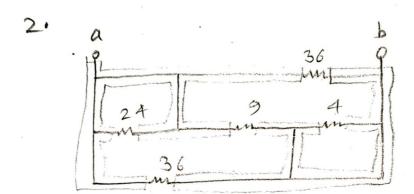
CSE250 Sec:05

Submitting to: Saiful Bari Iftu[SDO]

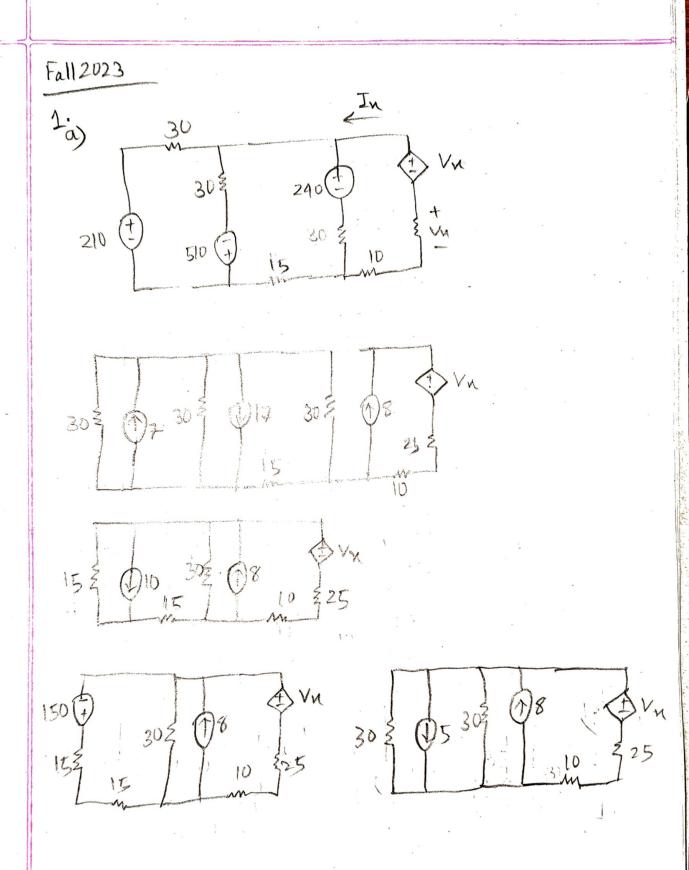
Submission Date: 23.03.2025

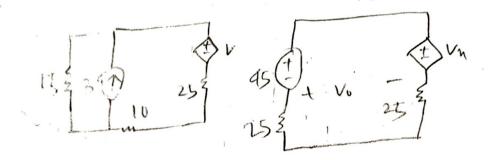


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here 24 and 4 ohm is short circuited. The roest are in papallel.





b)
$$I_{N} = \frac{V_N - 45}{50}$$
, $V_M - 25 I_M$

c)
$$30 \text{In} + v_0 - 300 + 20 \text{In} - v_{n=0}$$

=> $v_0 = 45 + 50 \times 1.8 - 45 = 4.90$

$$Rab = (81124 - 112) 116$$
$$= ((+12) 116)$$