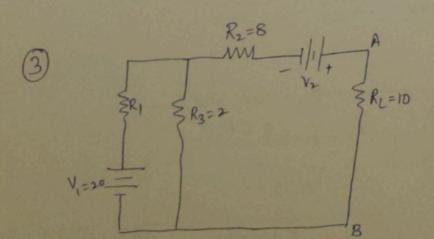


$$I_2 = \frac{1mA \times 7.3K}{7.3K + 1.2K} = \frac{7.3}{8.5KL} = 0.859 mA$$

$$V_{RL} = \frac{1.031 \times 5K}{5K + 4.33K} = \frac{5.155K}{9.33K}$$

$$V_{RL} = 0.5525V$$

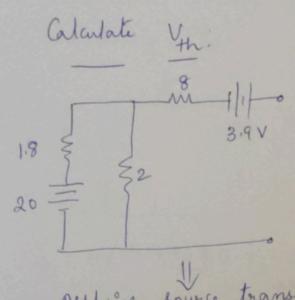


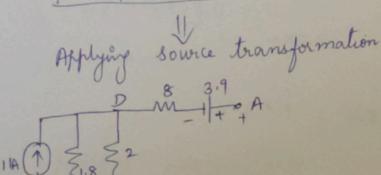
$$R_1 = 1.8 \, \text{L}$$
,  $R_2 - V_2 = 3.9 \text{V}$ 
 $V_{R_L} = ?$ 

Finding Rm: open RL, short Voltage source

$$1.8 = 8 + (1)$$

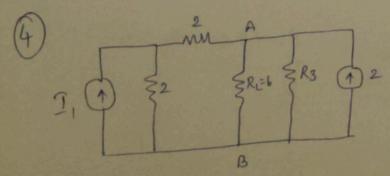
$$R_{th} = 8 + (1.8112) = 8 + 0.947$$
 $R_{th} = 8.947$ 





$$I_{22} = \frac{11.11 \times 1.8}{2+1.8} = 5.262A$$

Applying KVL in loop ABDA



$$R_3 = 5 \Lambda$$
  
 $I_1 = 3.5 A$   
 $V_{RL} = ?$ 

Finding R+n: open RL, open Current source

R3 11 (2+2)

R3 114

R14 = 2.22 R

Rth = 2.22 R

