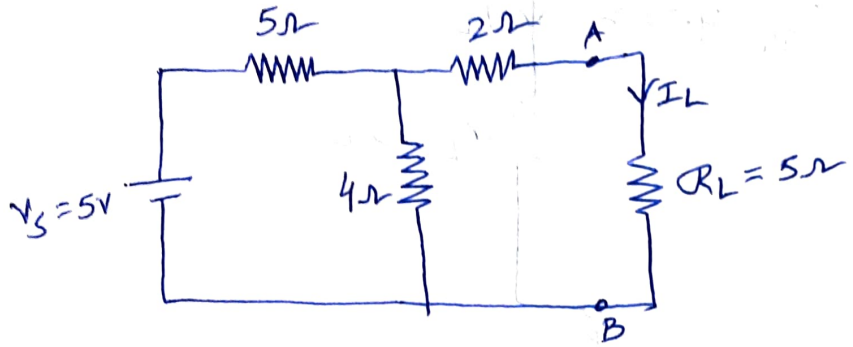
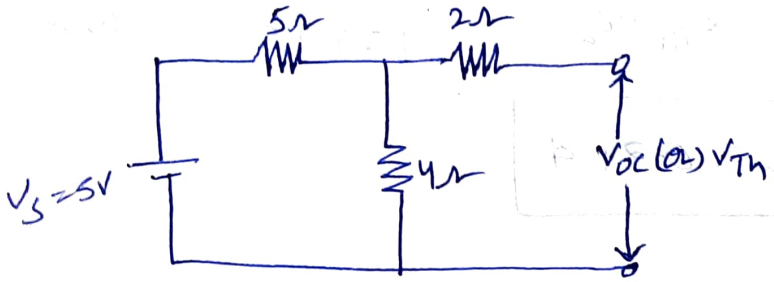
① Find the current through R_L by using Thevenin's theorem.



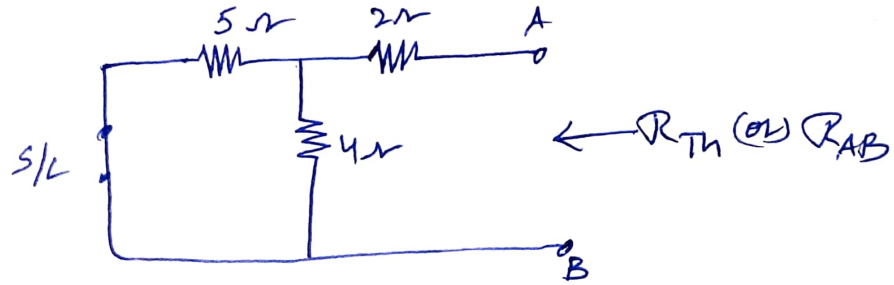
$I_L = ?$

Step: 1: To find Thevenin's voltage (V_{Th} or V_{OC})



$$\therefore \quad V_{OC} \text{ (or) } V_{Th} = 5 \times \frac{4}{5+4} \Rightarrow \frac{20}{9} V \Rightarrow 2.22V$$

Step: 2 To find Thevenin Resistance (R_{Th}) :-

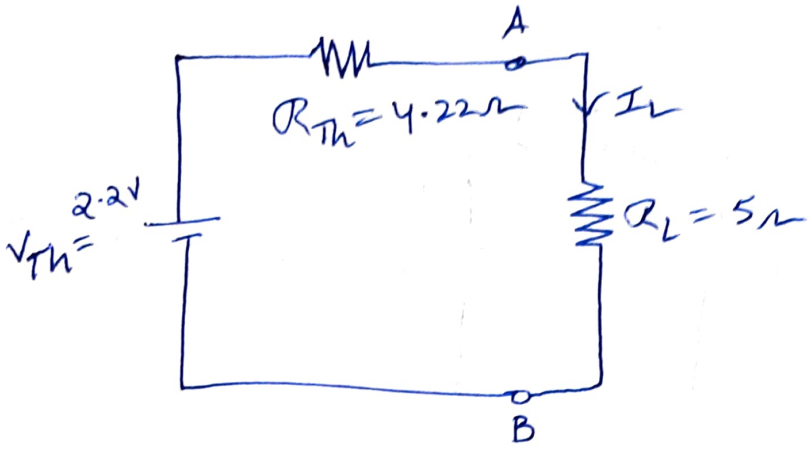


$$\therefore \quad R_{Th} \text{ (or) } R_{AB} = (5 // 4) + 2$$

$$R_{Th} = \frac{20}{9} + 2 \Rightarrow \frac{38}{9} \Omega$$

$$\Rightarrow 4.22\Omega$$

Step:3 Thevenin's eq. CKt:-



$$\therefore I_L = \frac{V_{Th}}{R_{Th} + R_L} = \frac{2.22}{4.22 + 5} \Rightarrow \frac{2.22}{9.22}$$

$$\Rightarrow \boxed{I_L = 0.24\,A}$$