

$$I_2 = I_T \times \frac{10}{10 + 47} = 1A \times \frac{10}{57} = 175 \text{ mA} = 0.175A$$

Tut 3. Q.12

KCL ①

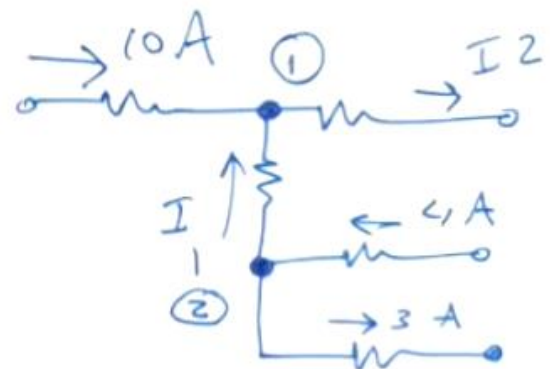
$$10A + I_1 = I_2 \quad \text{--- ①}$$

KCL ②

$$4A = I_1 + 3A \quad \text{--- ②}$$

$$I_1 = 1A.$$

$$10 + 1 = I_2$$



Tut 3 Q.14

$$V_L = V_{6\Omega} = 10V$$

