

Tut 2 Q.4

$$V_1 = 0 \times R = 0V$$

KVL ①

$$-V_X + 0 + I \times 4.7k + I \times 10k + 30V = 0$$

KVL ②

$$-50 + I \times 3.3k + I \times 4.7k + I \times 10k + 30 = 0$$

$$I = 1.1 \text{ mA}$$

$$V_X = 46.33V$$

$$V_2 = I \times 10k = 1.1 \text{ mA} \times 10k\Omega$$

$$V_2 = 11.1V$$

