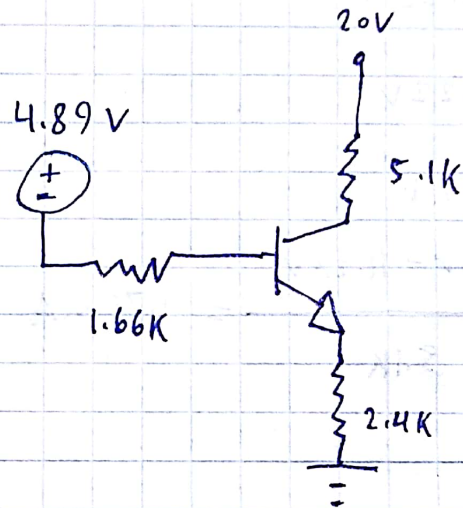
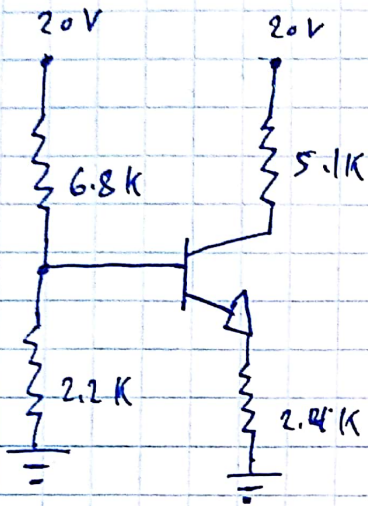


2)



$$\beta = 142$$

$$\text{KVL: } 4.89V - 2.4K(143)I_B - 0.7 - 1.66K I_B = 0$$

$$4.19V = 344860 I_B$$

$$I_B = 1.215 \times 10^{-5} A$$

$$I_B = 0.012 mA$$

$$I_C = 1.725 mA$$

$$I_E = 1.737 mA$$

$$V_B = 4.87 V$$

$$V_C = 11.2 V$$

$$V_E = 4.1688 V$$