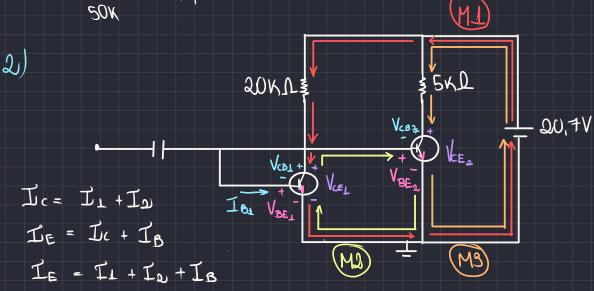
$$\pm 00 = 2.5\mu A (25°C)$$
 $21 \times por 10°C$
 100×50
 100×50

$$R_{1B} = \frac{V_{RB}}{I_{D}} + D R_{1B} = \frac{-4.9}{-80.10^{-6}} = 61.25 \text{ K} \Omega$$

$$I_{B} = \frac{4}{50K} = 0.8 \mu A$$



Fazendo o Nó:
$$I = I_{B_2} + I_{C_1} + I_{B_1} - I_{C_1}$$

$$I_{E_1} = I_{B_1} + I_{C_1}$$

$$I_{C_1} = \beta I_{B_1}$$

$$1.10^{-3} = I_{B_1}(21+3) - I_{B_1} = \frac{1.10^{-3}}{50} = 20\mu A$$

$$I_{C_1} = I_{C_2} = 48.20 \cdot 10^{-6} = 0.96m A$$

- Determine RILI: