Lista 1 - Dispositivos e Circuitos Eletrônicos

Nome: Ign des Reis Gomes

RA: 2410-25-265

1- I=?

$$\frac{I = U}{R} \rightarrow \frac{1 = 20}{10} = 2A_{\parallel}$$

2- R=?

$$\frac{R=U}{I} \rightarrow \frac{R=42}{4,2} = 10 \Omega_{\parallel}$$

3- R= 10-Q

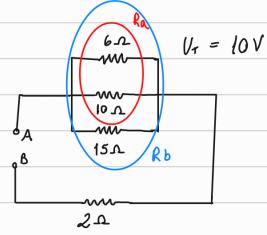
4- R=2,5 mA = 0,0025 A

$$R = \frac{U}{1} \rightarrow R = \frac{1.5}{1.5} = 600 \Omega$$

$$R = 6.10^{2} \Omega (1V)$$

R=10_2

$$\frac{I = V}{R} \rightarrow \frac{I = 120}{10} = 12A$$



$$Ra = 10.6 = 60 = 3,75 \Omega$$
 $10+6 = 16$

$$Rb = 3,75.15 = 56,25 = 3.0$$

$$3,75.15 = 18,75$$

$$\frac{I_T}{R} = \frac{V_T}{R} \rightarrow \frac{I_T}{5} = \frac{10}{5} = 2A$$

$$\frac{I = U_1}{R} \rightarrow \frac{I = b}{6} - 1A(\Pi)_{\parallel}$$