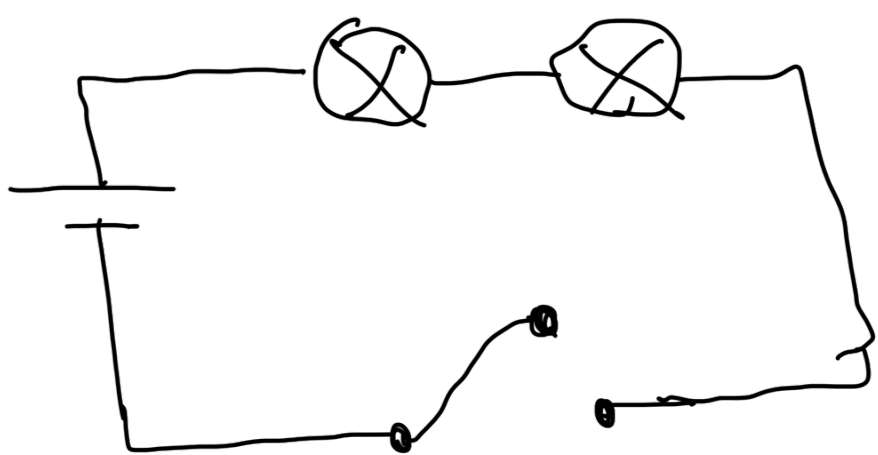


TP 1

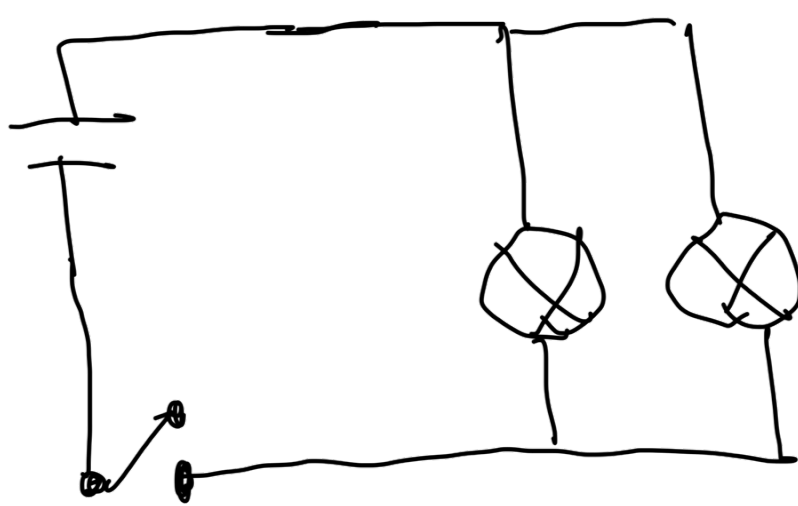
1) RESISTENCIA? 3A y 120V

$$R = \frac{120V}{3A} = 40 \Omega$$

4)



5)

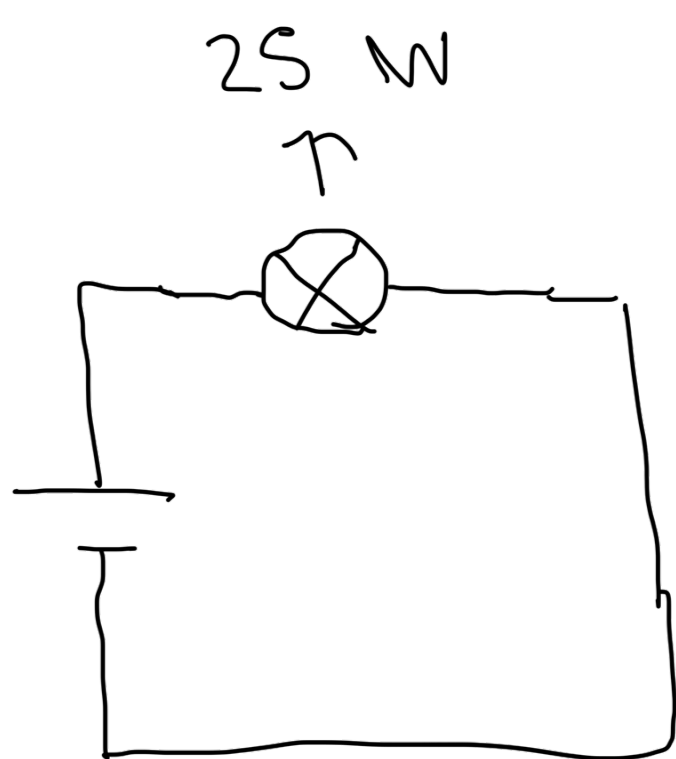


8) TELEVISOR $\rightarrow 200W/H \xrightarrow{\times 8} 1600W$ — CONSUMO
CALEFACTOR $\rightarrow 800W/H \xrightarrow{\times 3} 2400W$ + CONSUMO

$$\frac{1600}{1000} = 1,6 \text{ KW} \times \frac{\$60}{\text{KW}} = \$96$$

$$\frac{2400}{1000} = 2,4 \text{ KW} \times \frac{\$60}{\text{KW}} = \$144$$

9)



$$I = 2,5 \text{ A}$$

$$P = V \times I$$

$$25W = V \times 2,5A$$

$$\frac{25W}{2,5A} = \boxed{10V}$$

$$P = I^2 \times R$$

$$25W = (2,5)^2 \times R$$

$$\frac{25W}{6,25A} = R$$

$$\boxed{4 \Omega = R}$$

76) REOSTATO $\rightarrow 30 \Omega$, 5A

$$V = I \times R \Rightarrow V = 30 \Omega \times 5A$$

$$\boxed{150V}$$