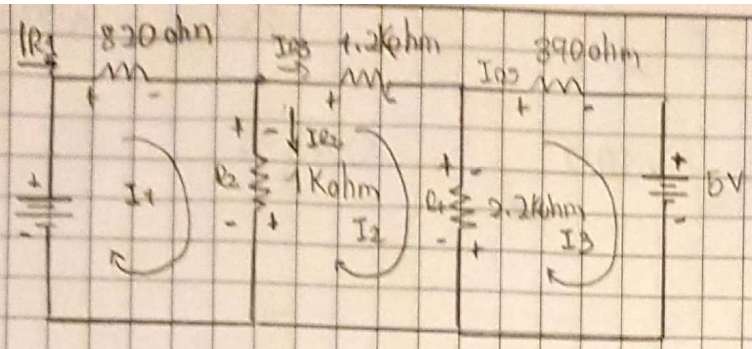

820 ohm = 0.82 KΩ
390 ohm = 0.39 KΩ

$I = \frac{V}{R}$ $V = I \cdot R$

① $-18 + 0.82 I_1 + 1(I_1 - I_2) = 0$

② $1.2 I_2 + 2.2(I_2 - I_3) + 1(I_2 - I_1) = 0$

③ $0.39 I_3 + 5 + 2.2(I_3 - I_2) = 0$

$$\begin{cases} 1.82 I_1 - I_2 = 18 \\ -I_1 + 4.4 I_2 - 2.2 I_3 = 0 \\ -2.2 I_2 + 2.59 I_3 = -5 \end{cases}$$

Corriente:

$I_1 = 11.45 mA$

$I_2 = 2.847 mA$

$I_3 = 0.488 mA$

$I_{R1} = I_1 = 11.45 mA$

$I_{R3} = I_2 = 2.847 mA$

$I_{R5} = I_3 = 0.488 mA$

$I_{R2} = I_1 - I_2$

$I_{R2} = 11.45 mA - 2.847 mA$

$I_{R2} = 8.603 mA$

$I_{R4} = I_2 - I_3$

$I_{R4} = 2.847 mA - 0.488 mA$

$I_{R4} = 2.359 mA$

I_{R1}	11.45 mA
I_{R2}	8.603 mA
I_{R3}	2.847 mA
I_{R4}	2.359 mA
I_{R5}	0.488 mA

Voltaje

$V = I \cdot R$

$V_{R1} = 11.45_{mA}\ 0.82\ K\Omega$
$V_{R1} = 9.389 mV$

$V_{R2} = 8.603 mA \cdot 1\ K\Omega$
$V_{R2} = 8.603 mV$

$V_{R3} = 2.847_{mA}\ 1.2\ K\Omega$
$V_{R3} = 3.4164 mV$

$V_{R4} = 2.359_{mA} \cdot 2.2\ K\Omega$
$V_{R4} = 5.1898 mV$

$V_{R5} = 0.488_{mA} \cdot 0.39\ K\Omega$
$V_{R5} = 0.19032 mV$

Errores:

488 μA = 0.49 mA

I_1

$$\text{error}_1\% = \frac{11.45\,mA + 11.5\,mA}{11.45\,mA} \times 100 = 0.43\%$$

I_2

$$\text{error}\,\% = \frac{2.847\,mA - 2.85\,mA}{2.847\,mA} \times 100 = 0.105\%$$

I_3

$$\text{error}\,\% = \frac{0.488\,mA - 0.49\,mA}{0.488\,mA} \cdot 100 = 0.409\,\%$$