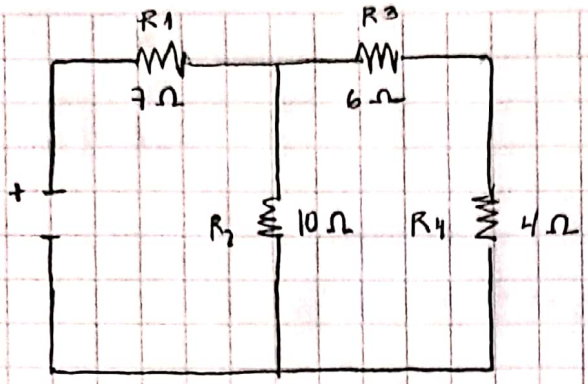
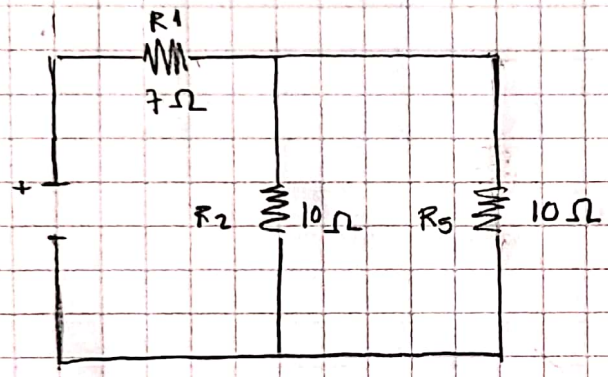
Tarea 3



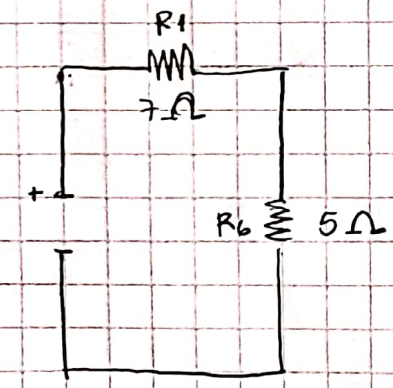
$R_3 + R_4$ → circuito en serie

$R_3 + R_4 = 6 + 4 = 10 = R_5$ //



$R_2 + R_5$ → circuito en paralelo

$R_2 + R_5 = \frac{1}{10} + \frac{1}{10} = \frac{1}{5}$ → $5 = R_6$ //

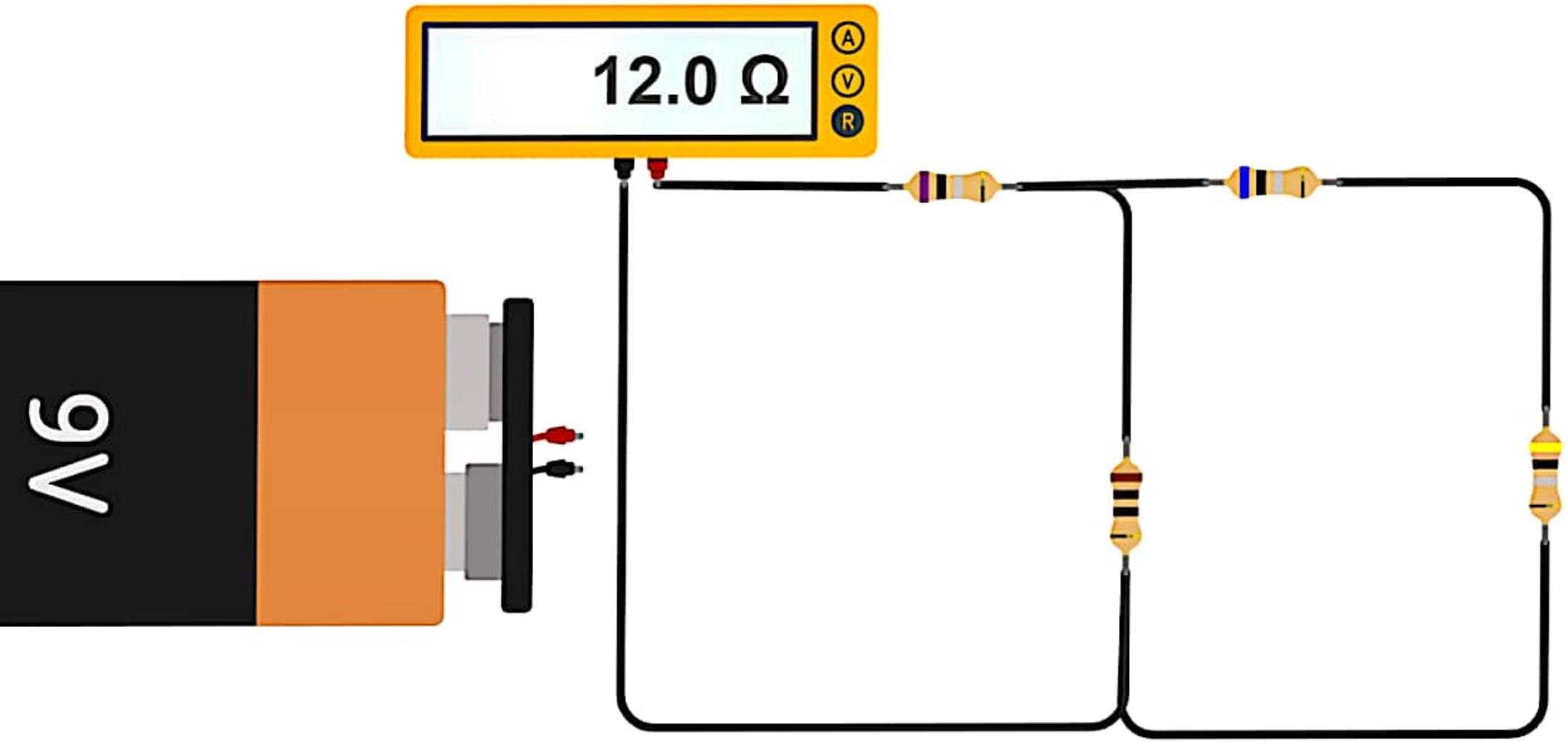


$R_1 + R_6$ → circuito en serie

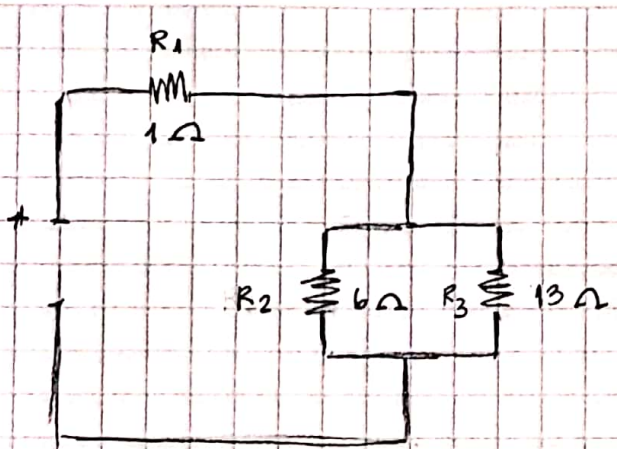
$R_1 + R_6 = 7 + 5 = 12 = R_{eq}$

∴ Resistencia total eq = 12 Ω

12 Ω //

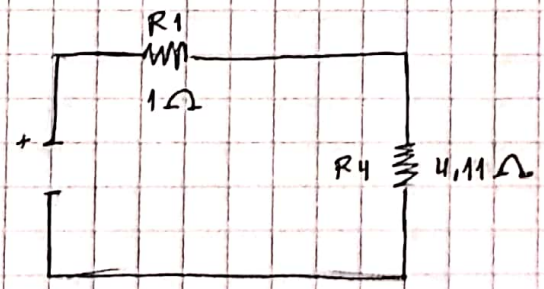


Tarea 4



$R_2 + R_3$ → circuito paralelo

$R_2 + R_3 = \frac{1}{6} + \frac{1}{13} = \frac{13}{78} + \frac{6}{78} = \frac{19}{78} \rightarrow \frac{78}{19} = 4.11 = R_4$



$R_1 + R_4$ → circuito en serie

$R_1 + R_4 = 1 + 4.11 = 5.11 = R_{total\ equivalente}$

$5.11\ \Omega$ //