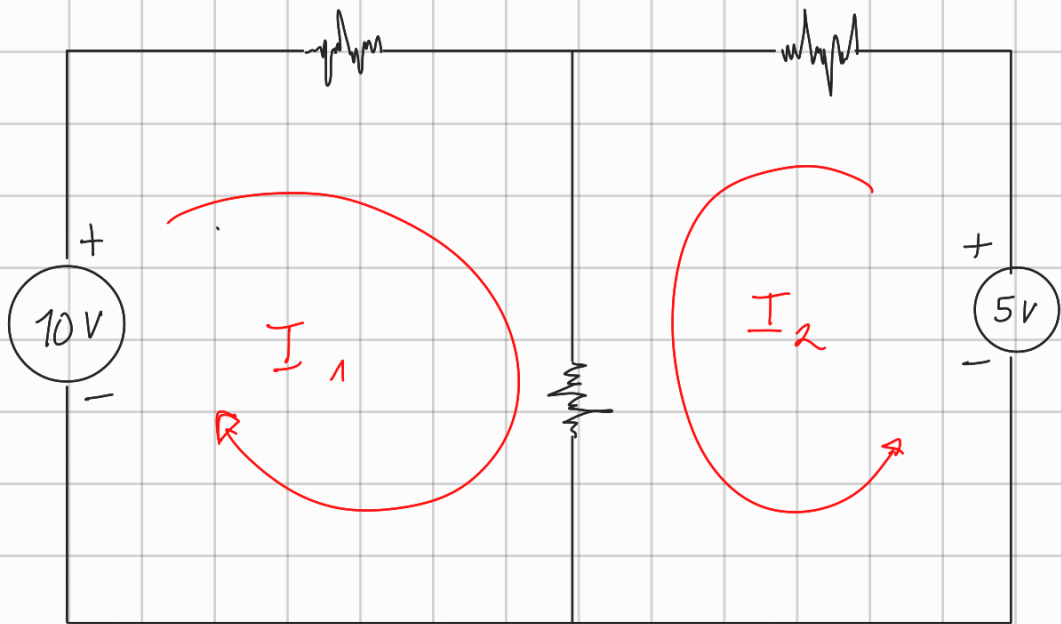


$$I = \frac{10V}{15\Omega} = 0,6A$$



$$V_1 = V_{R_1} + V_{R_2} \Rightarrow 10 = 10 \cdot I_1 + 10(I_1 + I_2)$$

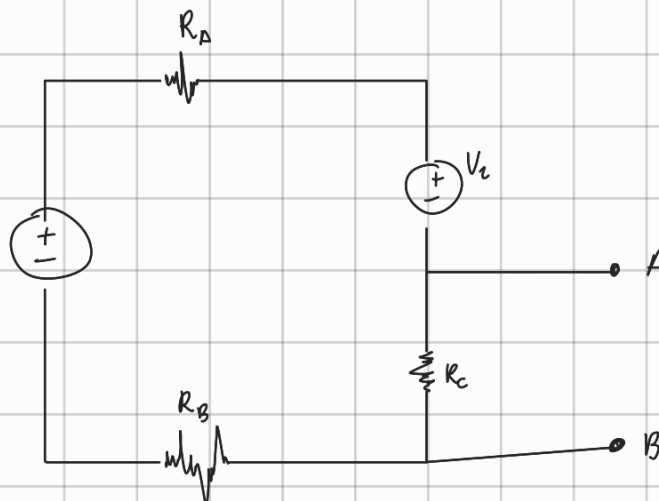
$$V_2 = V_{R_2} + V_{R_3} \Rightarrow 5 = 10(I_2 + I_1) + 10(I_2)$$

$$10 = 20\bar{I}_1 + 10\bar{I}_2$$

$$5 = 20\bar{I}_2 + 10\bar{I}_1$$

$$\bar{I}_1 = 0,5$$

$$\bar{I}_2 = 0$$



thenerin  
norton

circuit  
equivalent

