

$$I_{N=-2N} \uparrow I_{N} = \frac{R_{N}}{R_{N}+R_{N}} \cdot I_{N}$$

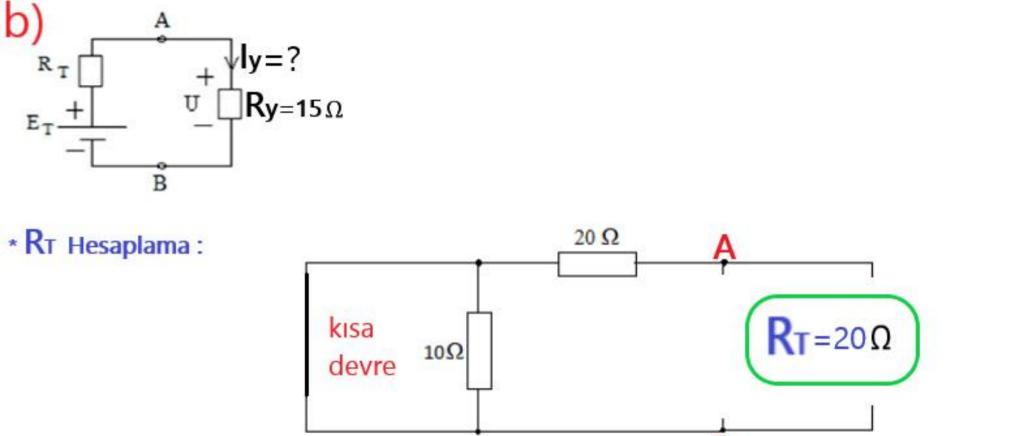
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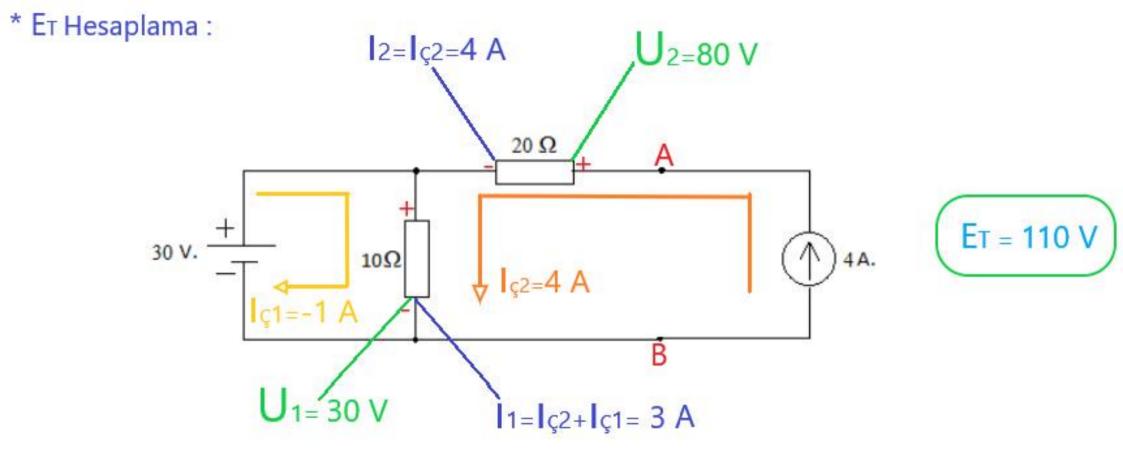
=)
$$I_{9} = \frac{15}{35}$$
, $-2 = -0.857 A$

$$I_y = -0.857 A$$

$$\Rightarrow$$

l_{y =} - 0,857 A ⇒ 20Ω'dan geçen akım değeri





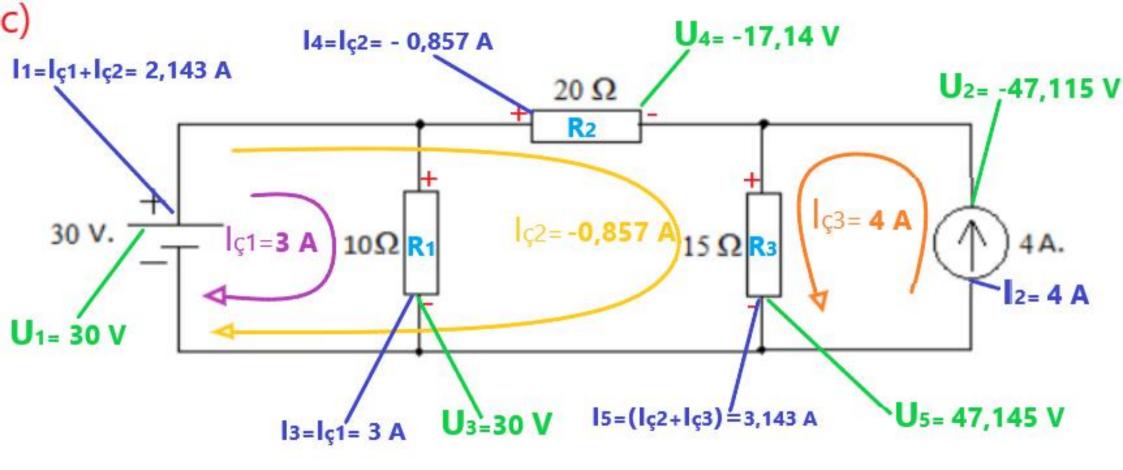
* ET Hesaplama!

10
$$T_{11} + 10T_{12} = 30$$
 $T_{12} = 4$

10 $T_{11} + 40 = 30 = 7$ $T_{11} = -1$

* In Hesaplama,

$$I_y = 3,142$$
 A



*
$$15 I_{53} + 15 I_{52} + U_{2} = 0$$

$$60 - 12.885 + V_{2} = 0 = 3$$

$$V_{4} = R_{2} \cdot T_{4} = 20, -0.857 = -17.14$$