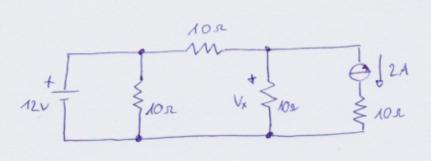
Első Kiszh

Aram koróli



Feladat 1:

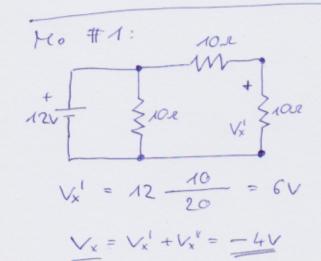
Matainona meg Vx-et

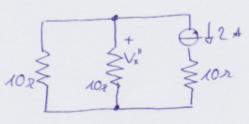
Szuperponicional!

Feladat 2:

Hatainorra meg Vx-et

Huroha'ramos under evel 1





$$V_x^* = -2 \frac{10}{20} \cdot 10 = -10V$$

I hunds

30 12 - 101, - 1013 = 0 (2)

III lung I3 = 2A

$$(A) \rightarrow -10I_{2} + 10I_{4} - 12 = 0$$

$$(B) \rightarrow (1) \rightarrow 30I_{2} - 10I_{4} - 20 = 0$$

$$+ \frac{32}{20} = 0$$

$$I_{2} = \frac{32}{20} = 1.6A$$

$$I_{v_{x}} = I_{2} - I_{3} = 1.6 - 2 = -0.4A$$

$$V_{x} = -0.4 \cdot 10 = -4V$$

(on below