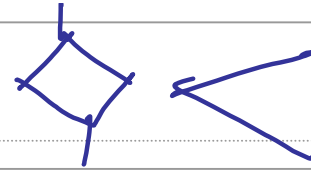
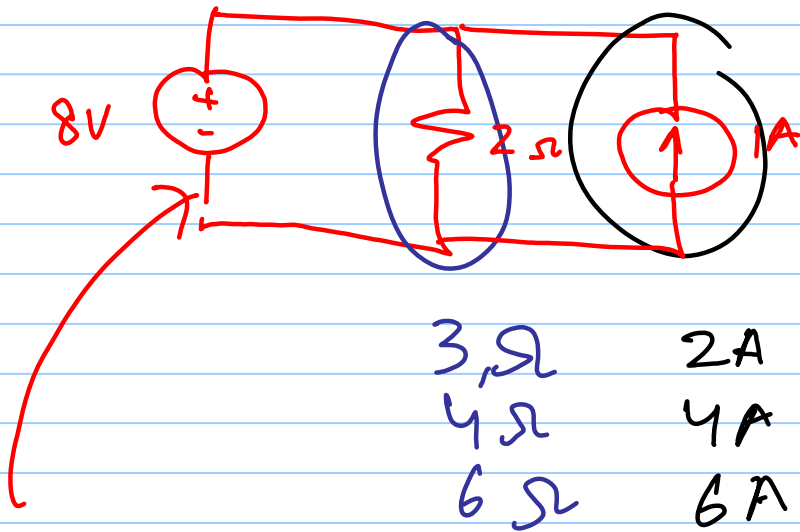


Sumber Tak Bebas

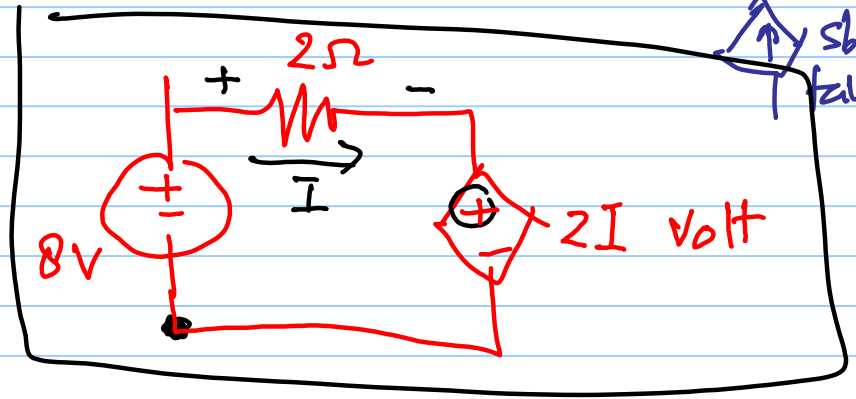
→ simbol



sb. teg tak bebas
sb. arus tak bebas



⇒



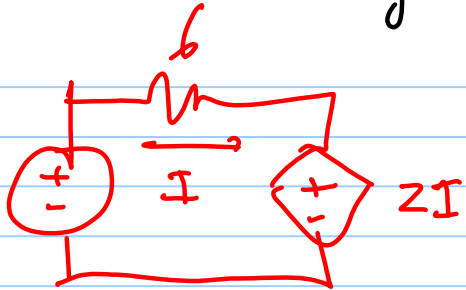
$$\sum V = 0$$

$$-8 + 2I + 2I = 0$$

$$-8 + 4I = 0 \rightarrow I = 2A$$

$$\text{sb. teg tak bebas } 2I = 2 \cdot 2 = 4 \text{ Volt}$$

Bila $R = 2 \Omega$ diganti $R = 6 \Omega$, maka -



$$\sum V = 0$$

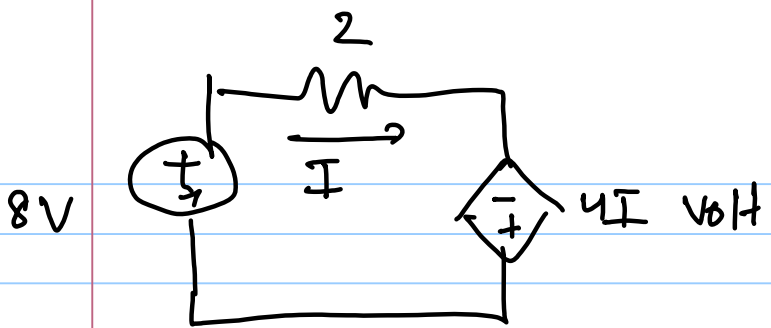
$$-8 + 6I + 2I = 0$$

$$I = 1A$$

maka nilai sb. ter bebas $2I = 2 \cdot 1 = 2 \text{ Volt}$.

Kesimpulan :

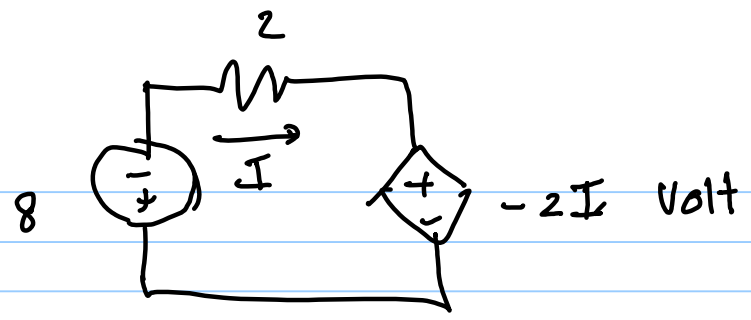
Sb. ter bebas nilainya tergantung variabel lainnya lain
(dependent)



$$\sum V = 0$$

$$-8 + 2I - 4I = 0$$

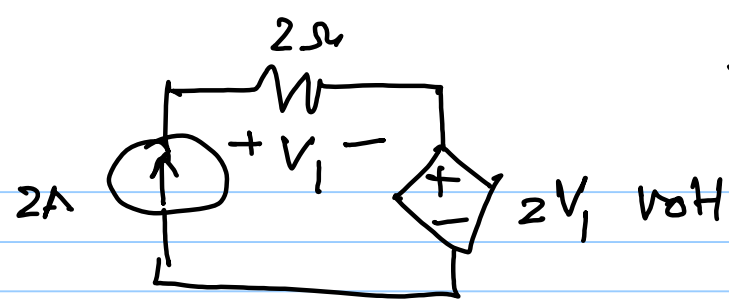
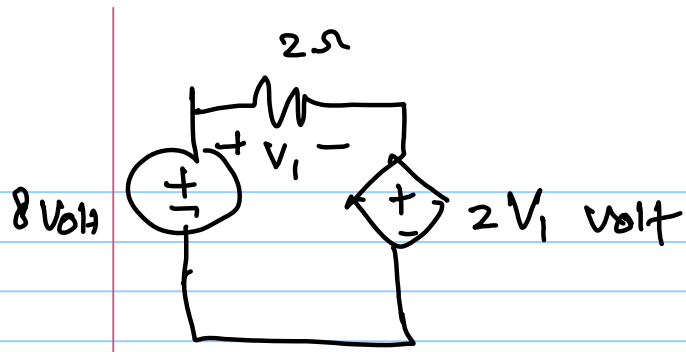
$$I = \frac{-8}{2} = -4A$$



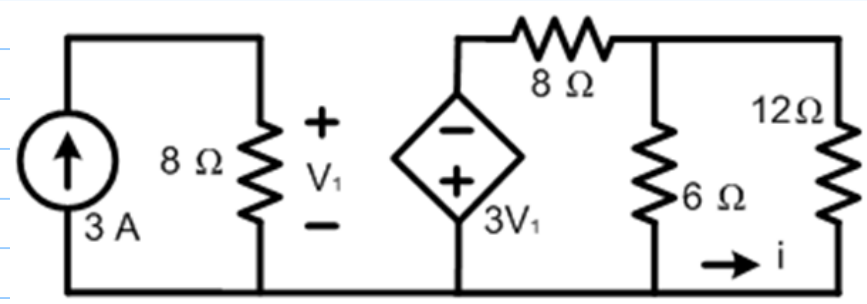
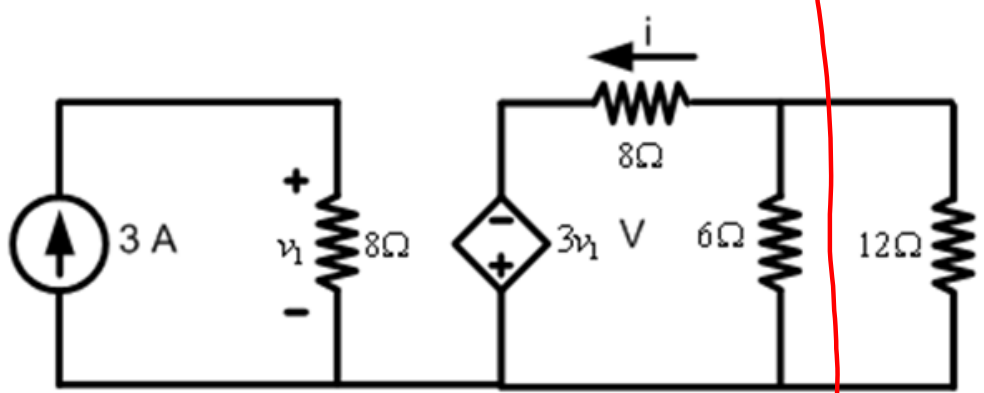
$$\sum V = 0$$

$$+8 + 2I - 2I = 0$$

$$+8 + 0 = 0 \rightarrow \text{sad sad}$$



Tentukan nilai sb. teg. tak bebannya.



$I = 2A$