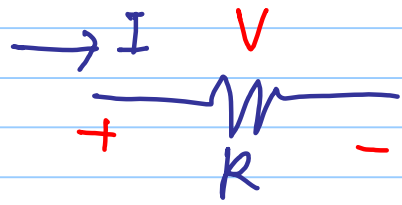


Konsep Dasar / Hk. Dasar

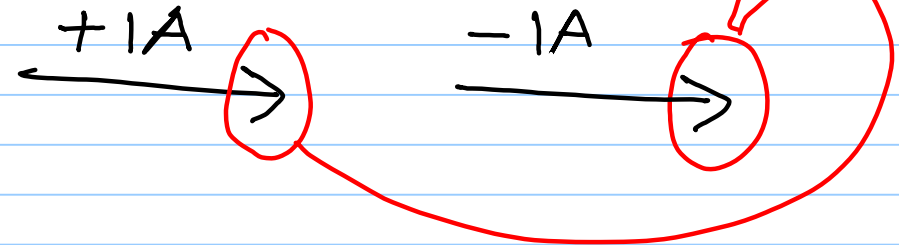
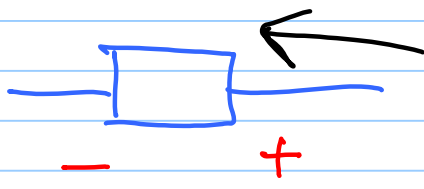
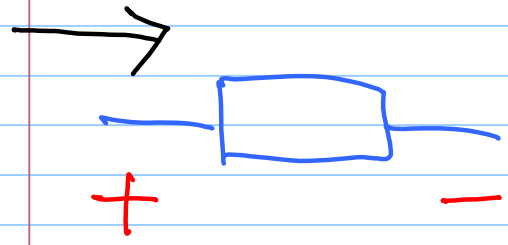
1. Hukum Ohm :

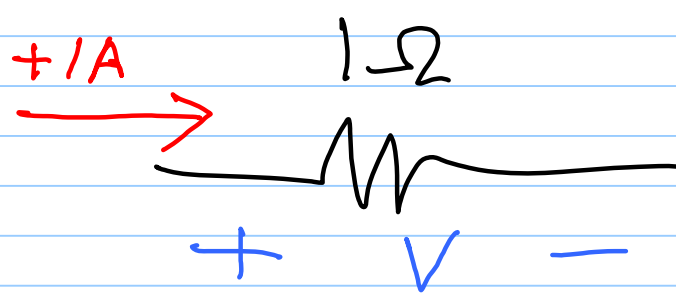
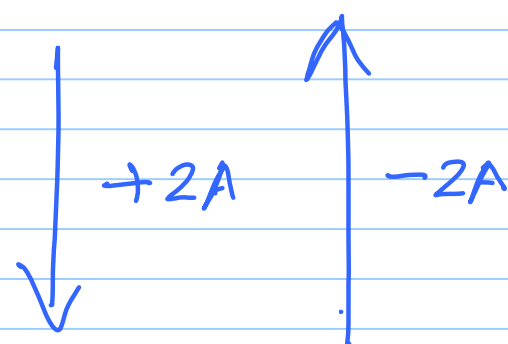
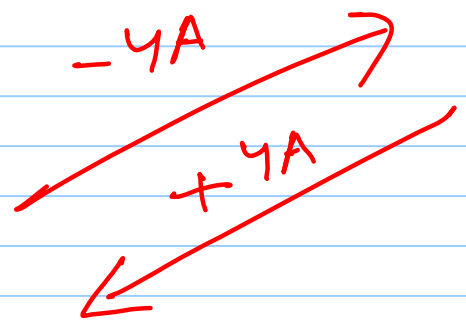
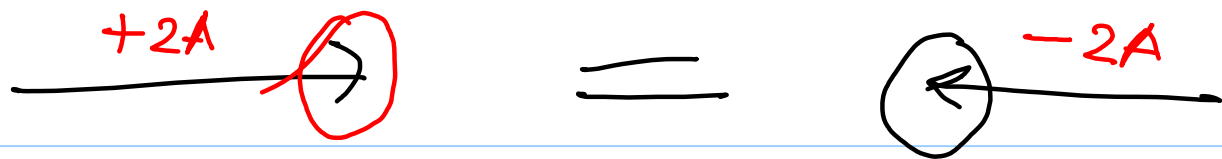


$$V = IR$$

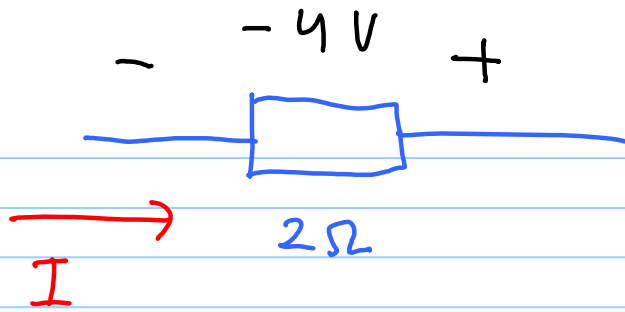
Arus arus positif

Konvensi :

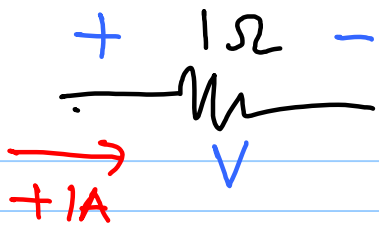




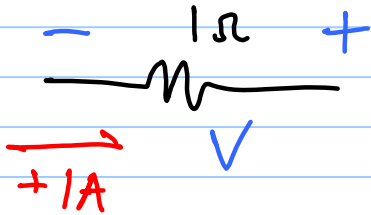
$$V = IR = 1 \cdot 1 = \boxed{+1\text{V}}$$



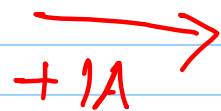
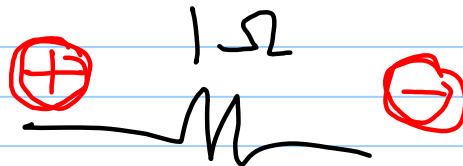
???



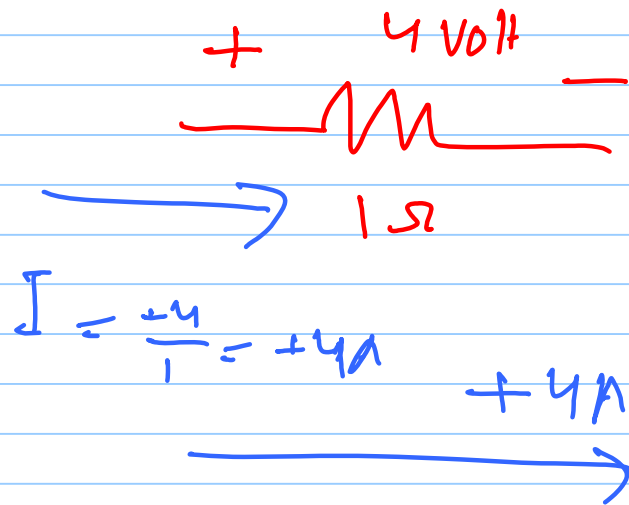
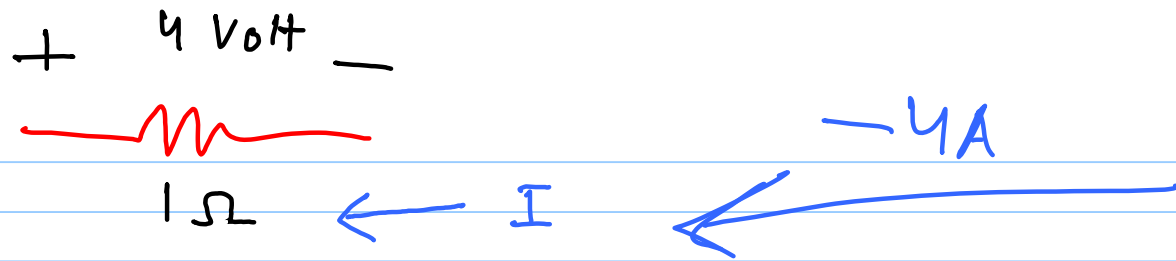
$$V = +1 \text{ volt}$$

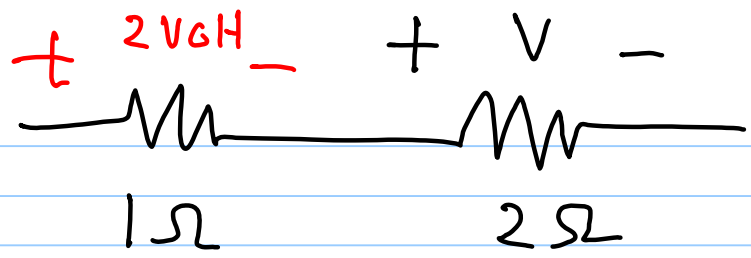


$$V = -1 \text{ volt}$$

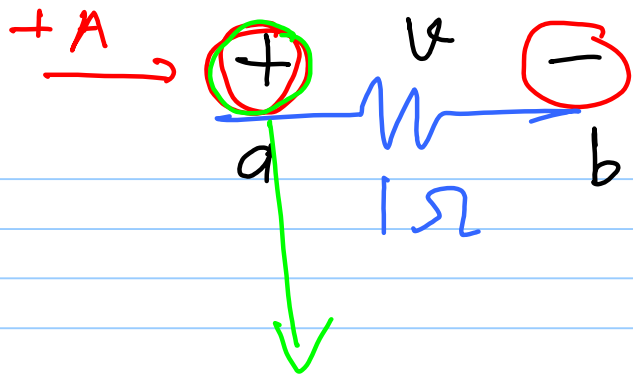


$$V = IR = 1 \cdot 1 = 1 \text{ volt}$$

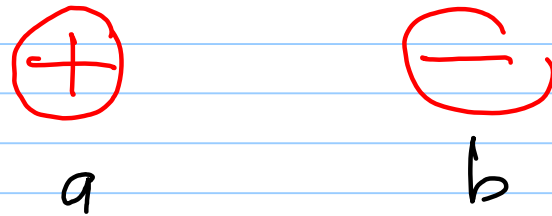




$$V =$$



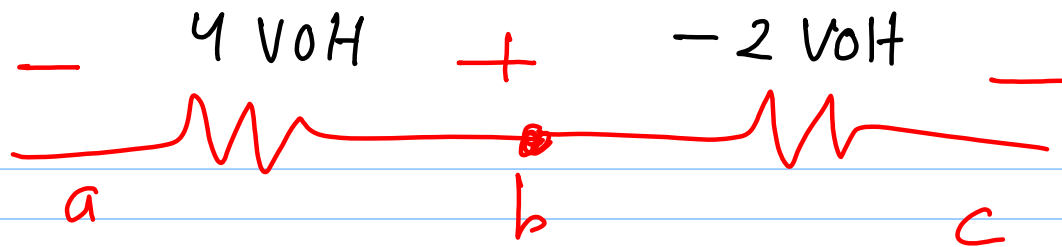
$$V = 1 \cdot 1 = +1 \text{ Volt}$$



$a > b$

$$V_{ab} = +1 \text{ Volt}$$

$$V_a - V_b = +1 \text{ Volt}$$



$$V_{ba} = +4V$$

$$V_{bc} = -2V$$

$$V_{cb} = +2V$$

$$V_{ab} = -4V$$

$$V_{ac} = V_a - V_c = -6 \text{ Volt}$$

$$\boxed{V_{oc} = V_{ab} + V_{bc}} = (V_a - V_b) + (V_b - V_c) = V_a - V_c = V_{ac}$$