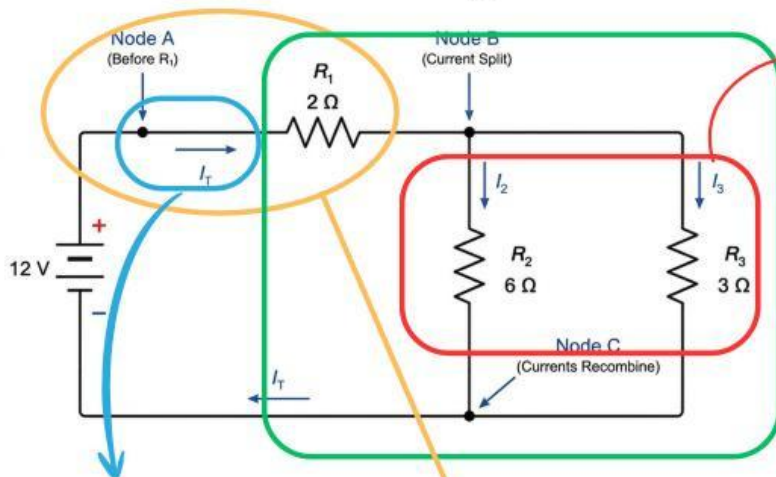


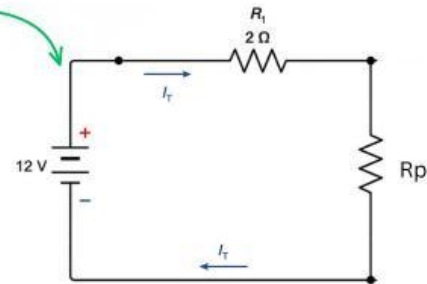
Kirakan I_{total} dan V_{R1} bagi litar dibawah.



Langkah 1: Rintangan Selari

$$R_p = \frac{1}{\frac{1}{6} + \frac{1}{3}} = \frac{1}{\frac{1}{2} + \frac{1}{3}}$$

$$R_p = 2 \Omega$$



Langkah 2: Rintangan Jumlah

$$R_{\text{total}} = R_1 + R_p$$

$$R_{\text{total}} = 4$$

$$R_{\text{total}} = 4 \Omega$$

Langkah 3: Arus Jumlah

$$I_{\text{total}} = V / R$$

$$I_{\text{total}} = 12 / 4$$

$$I_{\text{total}} = 3 \text{ A}$$

Langkah 4 : cari V_{R1} dengan Ohm's Law

$$V_{R1} = I_T \times R_1$$

$$= 3 \times 2$$

$$= 6 \text{ V}$$