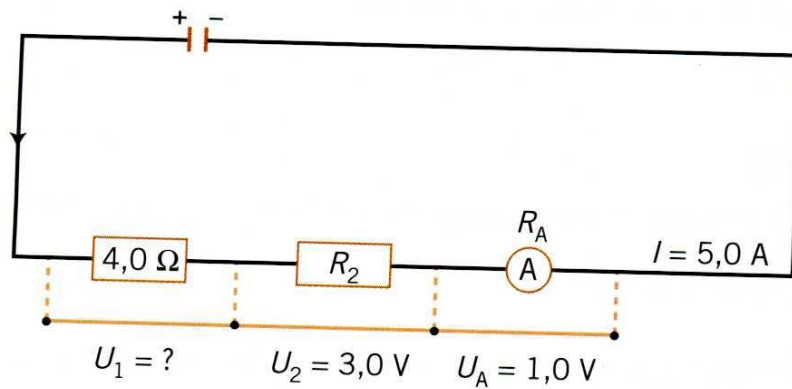


Tressfysikk – Løsning oppgave 12.20



$$U_1 = 5,0 \text{ [A]} \cdot 4,0 \text{ [\Omega]} = 20,0 \text{ [V]}$$

$$R_2 = \frac{U_2}{I} = \frac{3,0 \text{ [V]}}{5,0 \text{ [A]}} = 0,6 \text{ [\Omega]}$$

$$R_A = \frac{U_A}{I} = \frac{1,0 \text{ [V]}}{5,0 \text{ [A]}} = 0,2 \text{ [\Omega]}$$

$$U_P = U_1 + U_2 + U_A = (20,0 + 3,0 + 1,0) \text{ [V]} = 24,0 \text{ [V]}$$