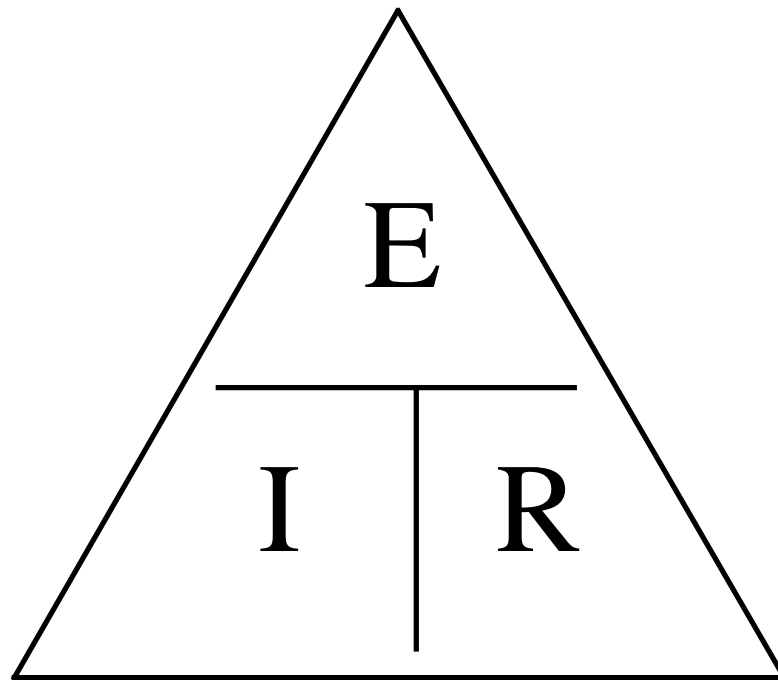


ELECTRICAL FORMULAS

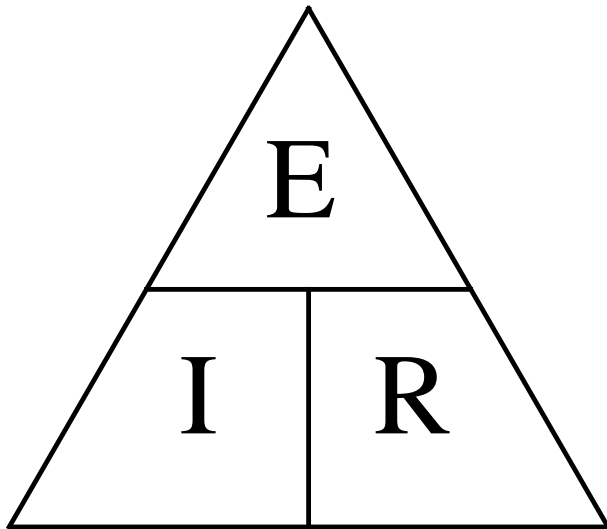


$$\text{VOLTS} = \text{AMPS} \times \text{OHMS}$$

WORKBOOK

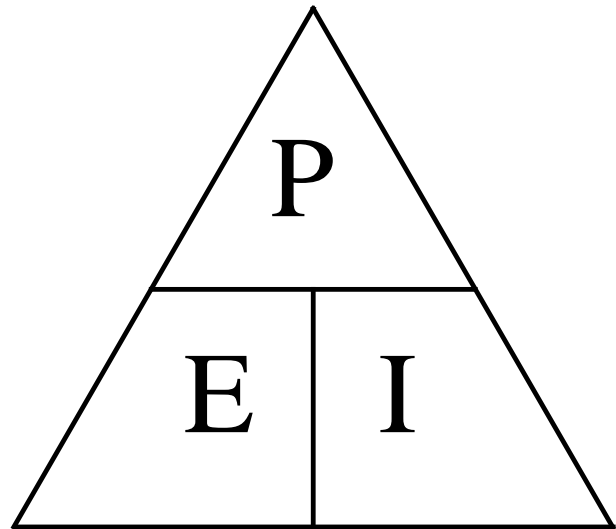
ELECTRICAL FORMULAS

OHM'S LAW



VOLTS = AMPS X OHMS

WATTS



POWER = VOLTS X AMPS

SERIES CIRCUIT FORMULAS

$$R_T = R_1 + R_2 + R_3 \dots + R_N$$

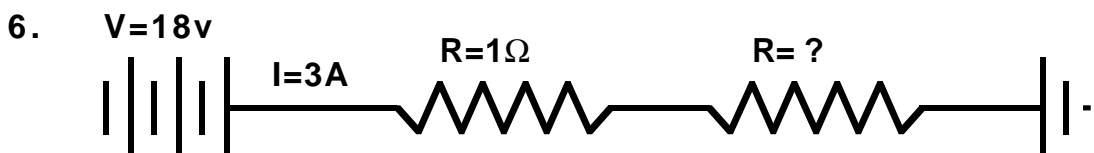
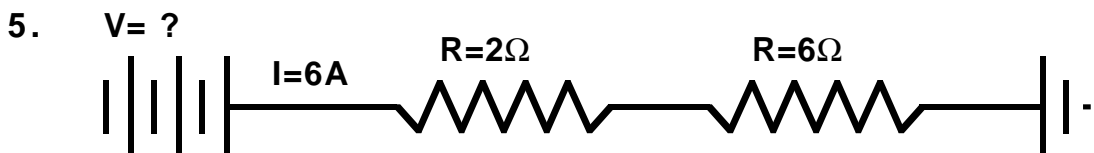
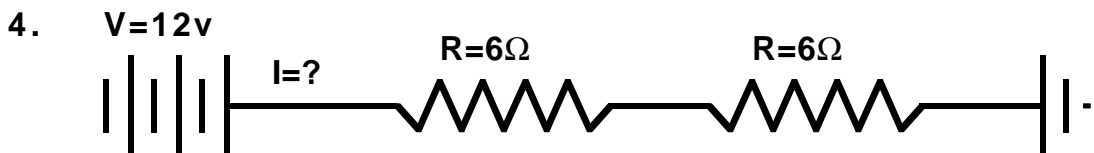
$$V_T = V_1 + V_2 + V_3 \dots + V_N$$

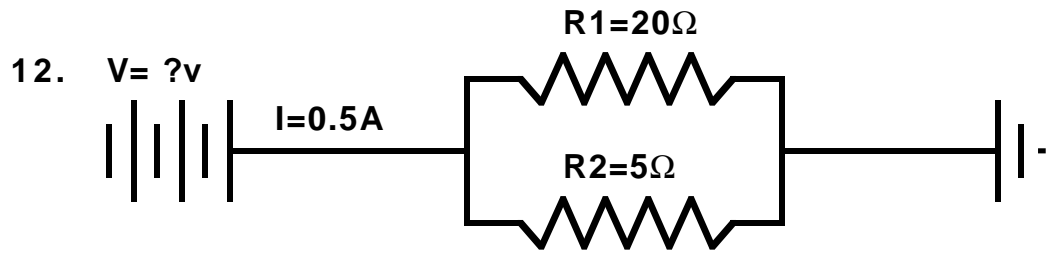
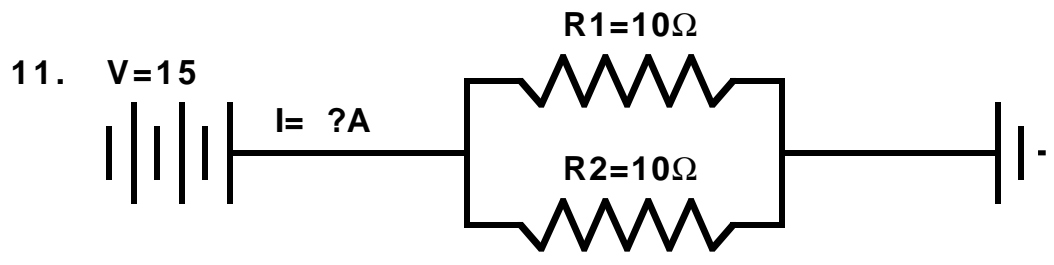
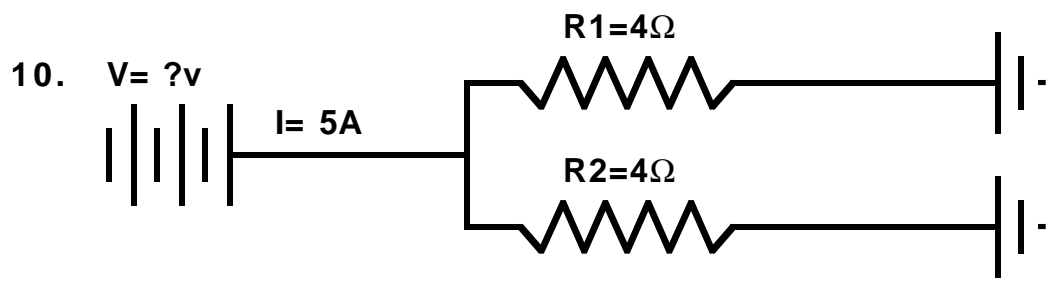
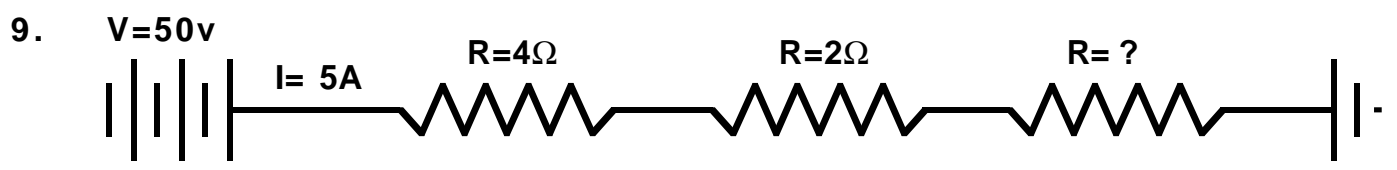
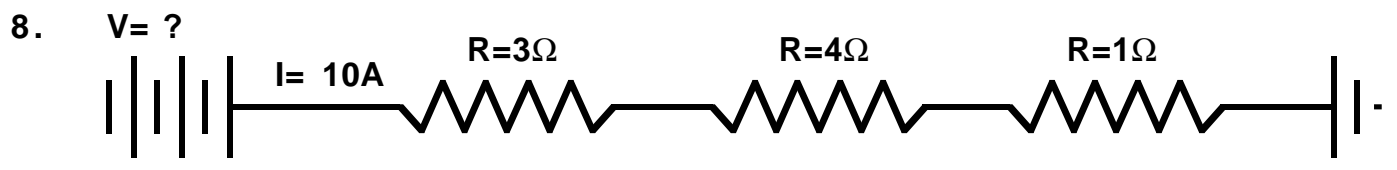
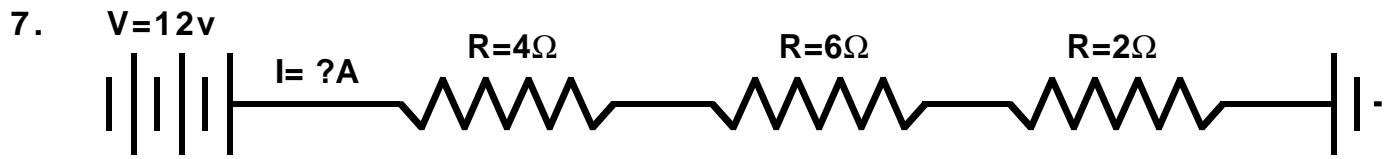
E = volts
I = amps
R = resistance

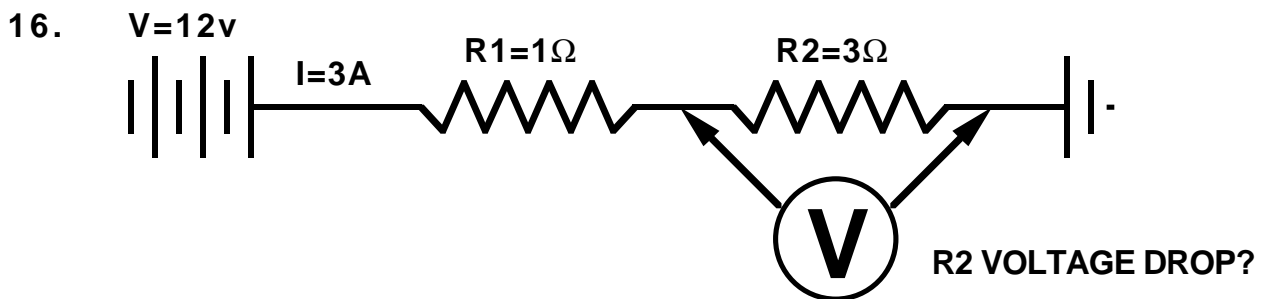
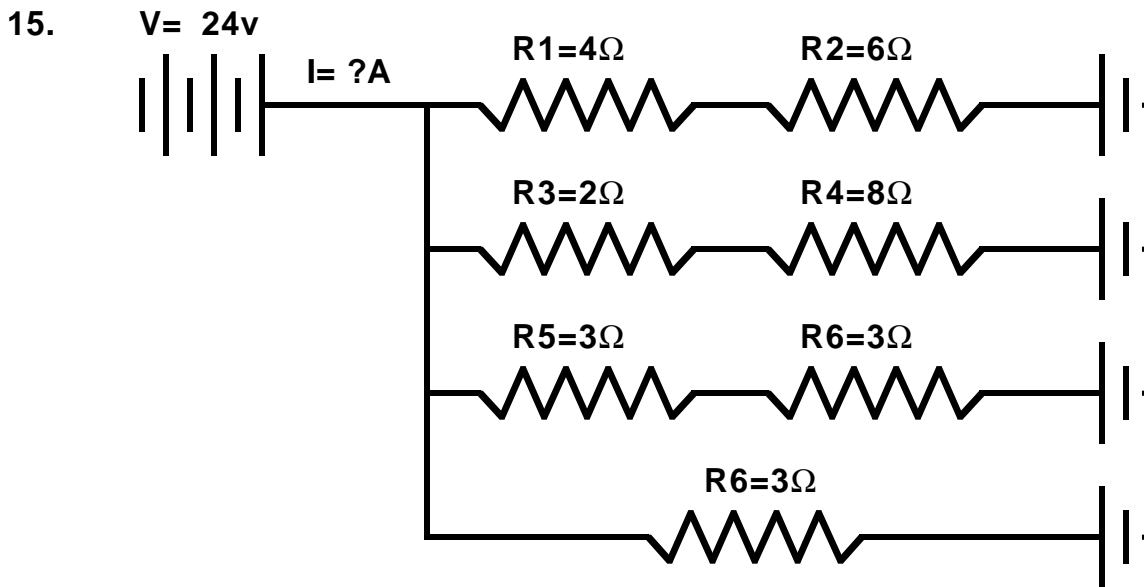
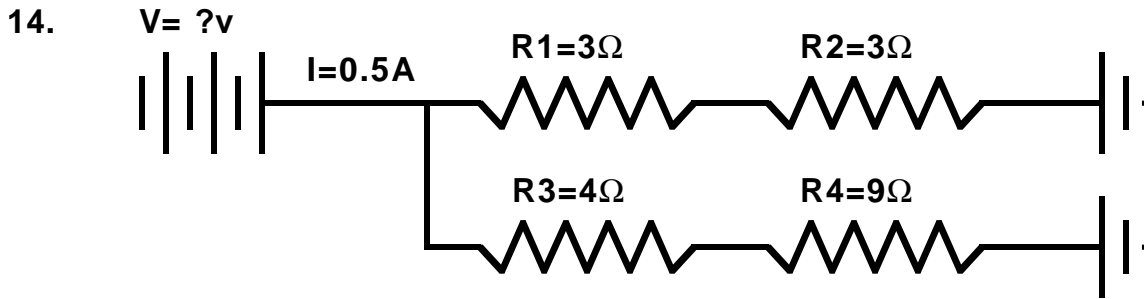
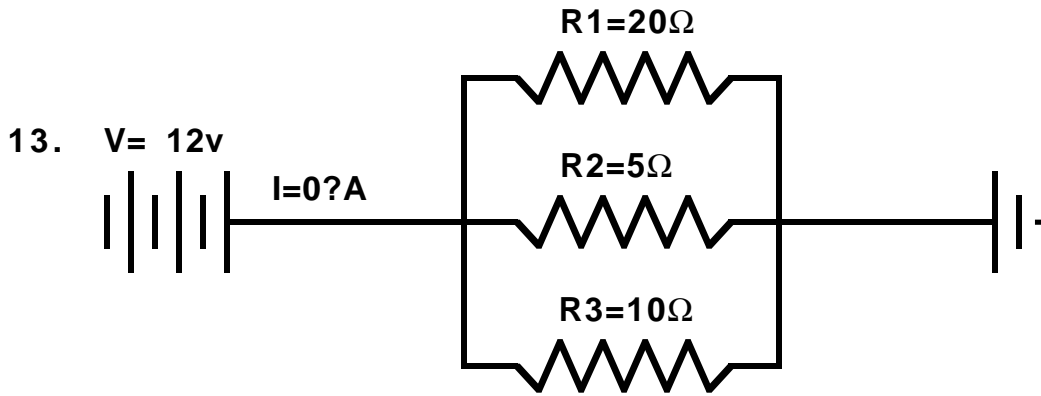
PARALLEL CIRCUIT FORMULAS

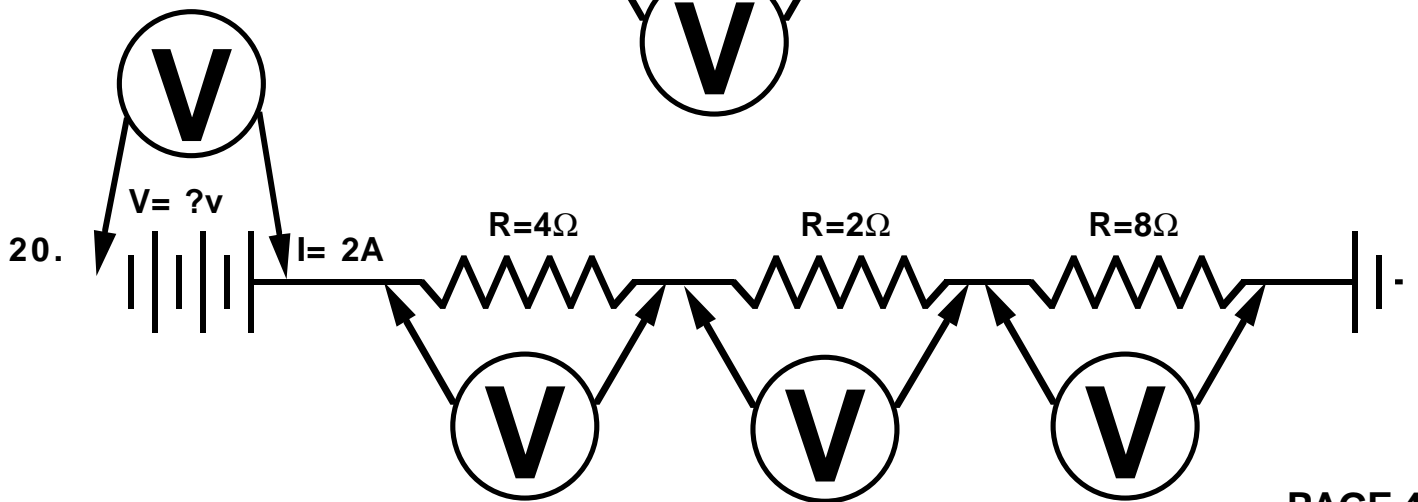
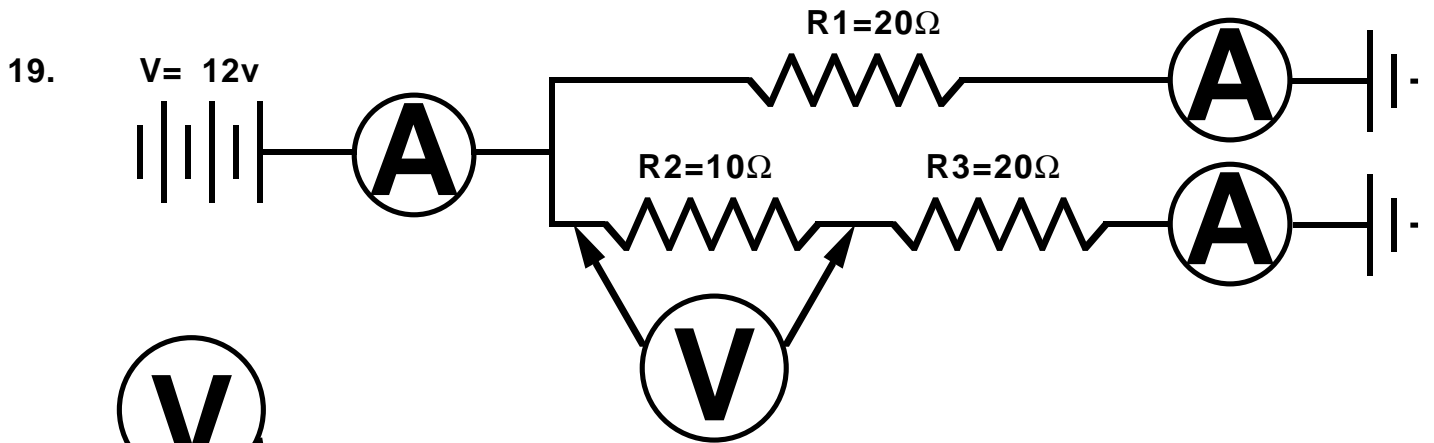
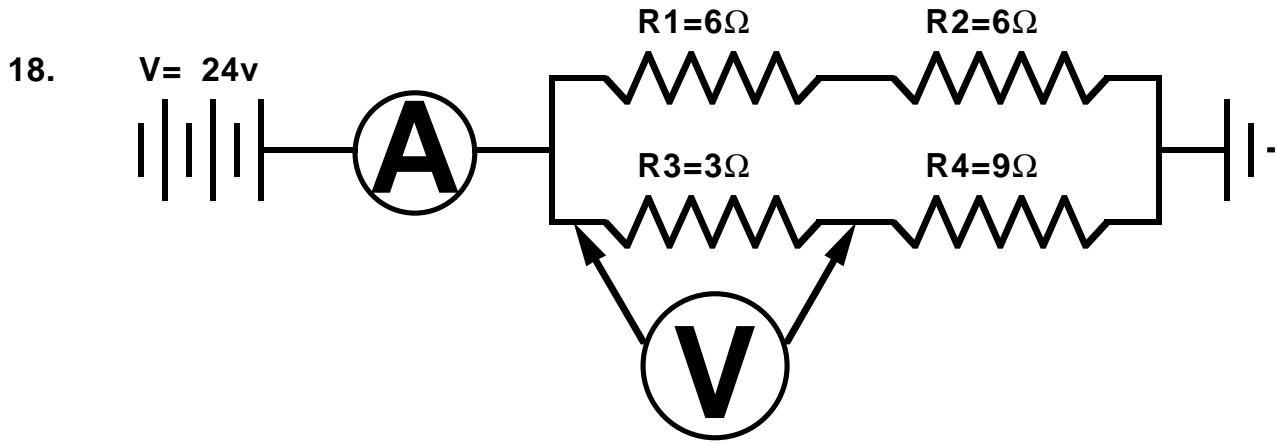
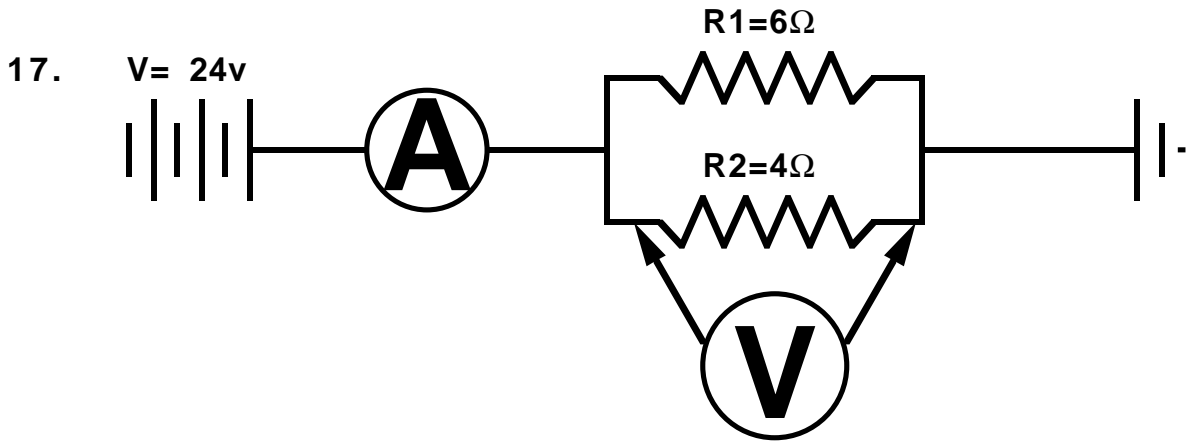
$$I_T = I_1 + I_2 + I_3 \dots + I_N$$

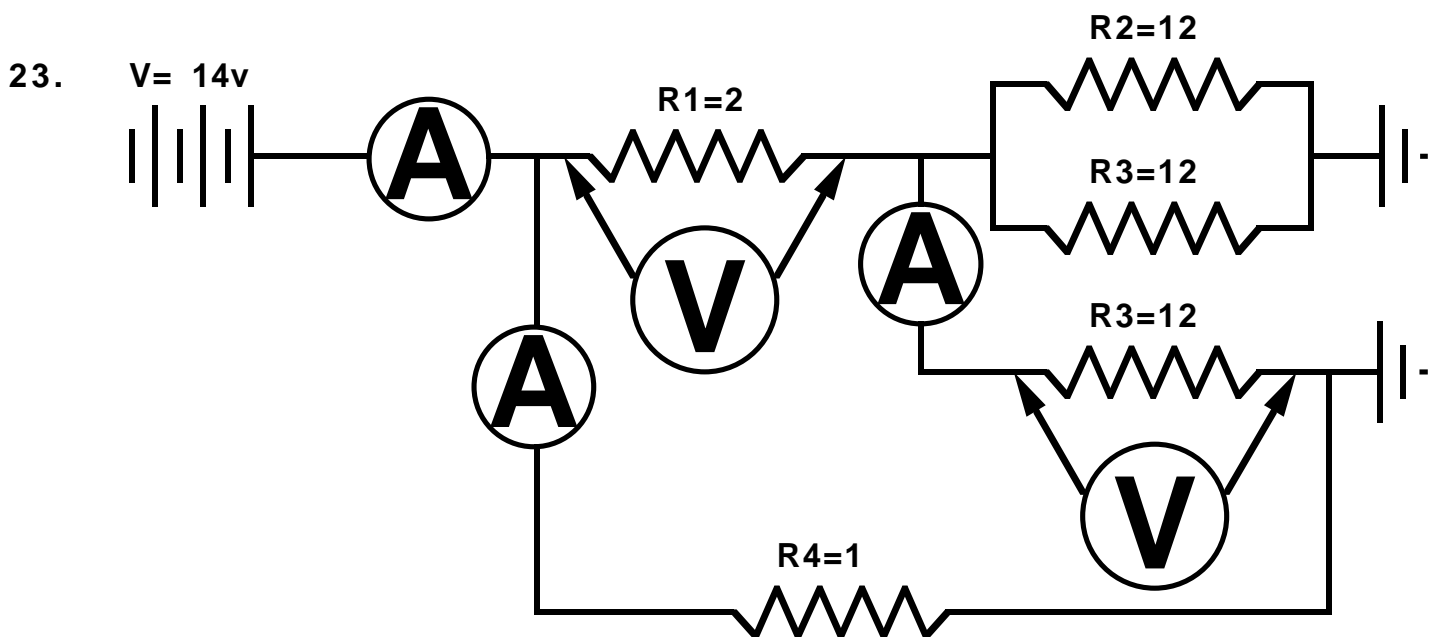
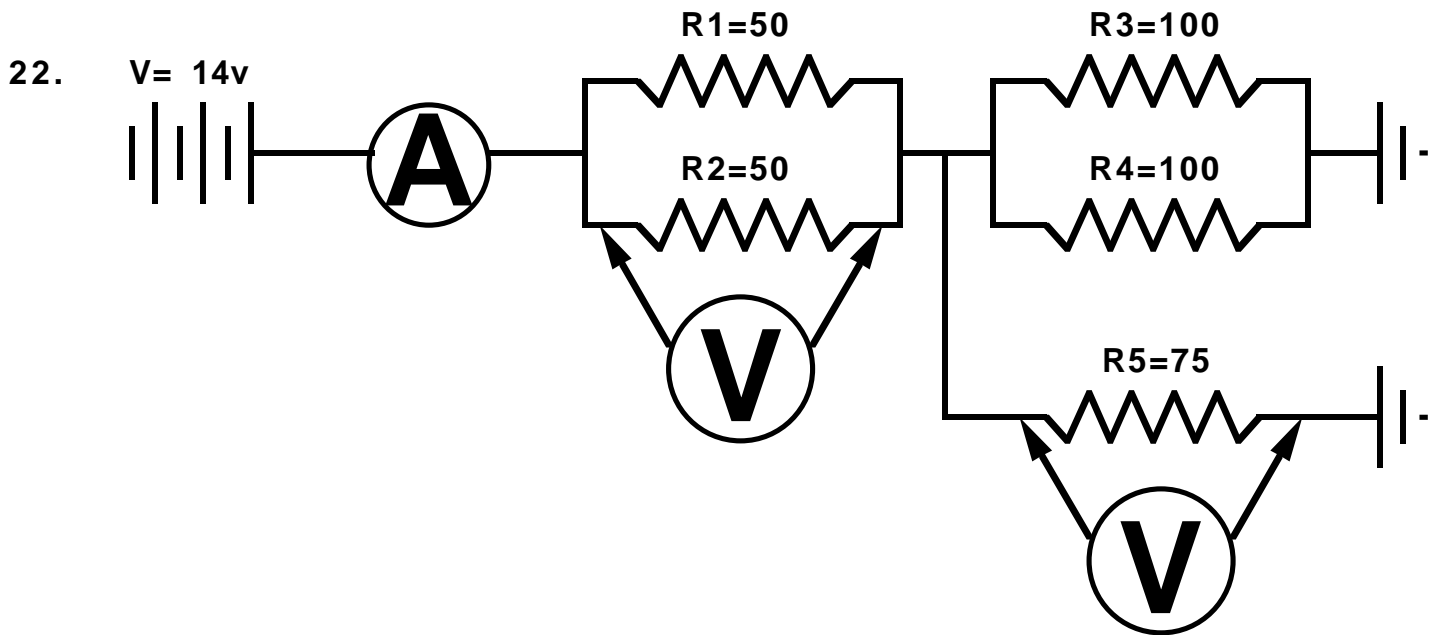
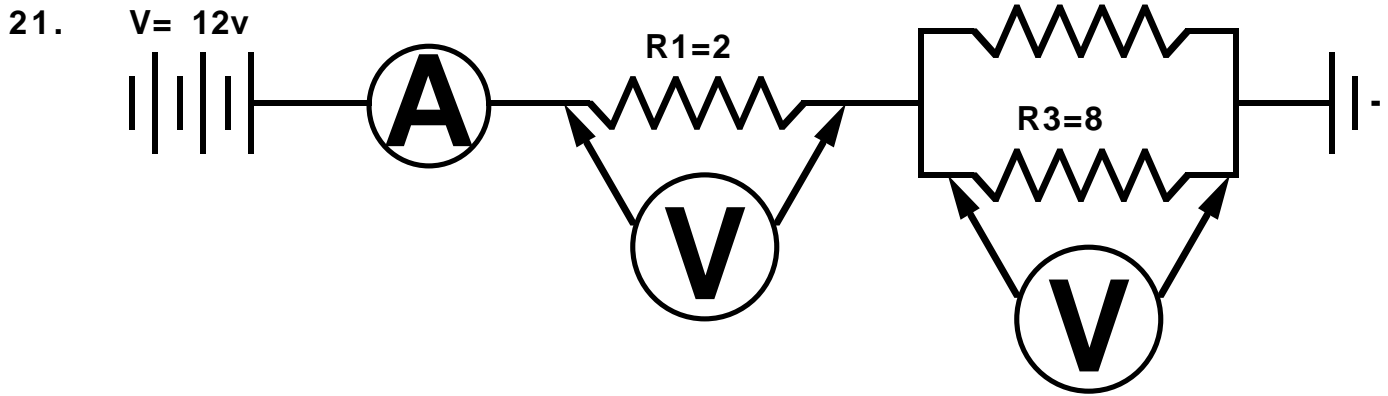
$$R_T = \frac{R_1 \times R_2}{R_1 + R_2} \quad \text{OR} \quad R_T = \frac{1}{\frac{1}{R_1} + \frac{1}{R_2} + \frac{1}{R_3} \dots + \frac{1}{R_N}}$$



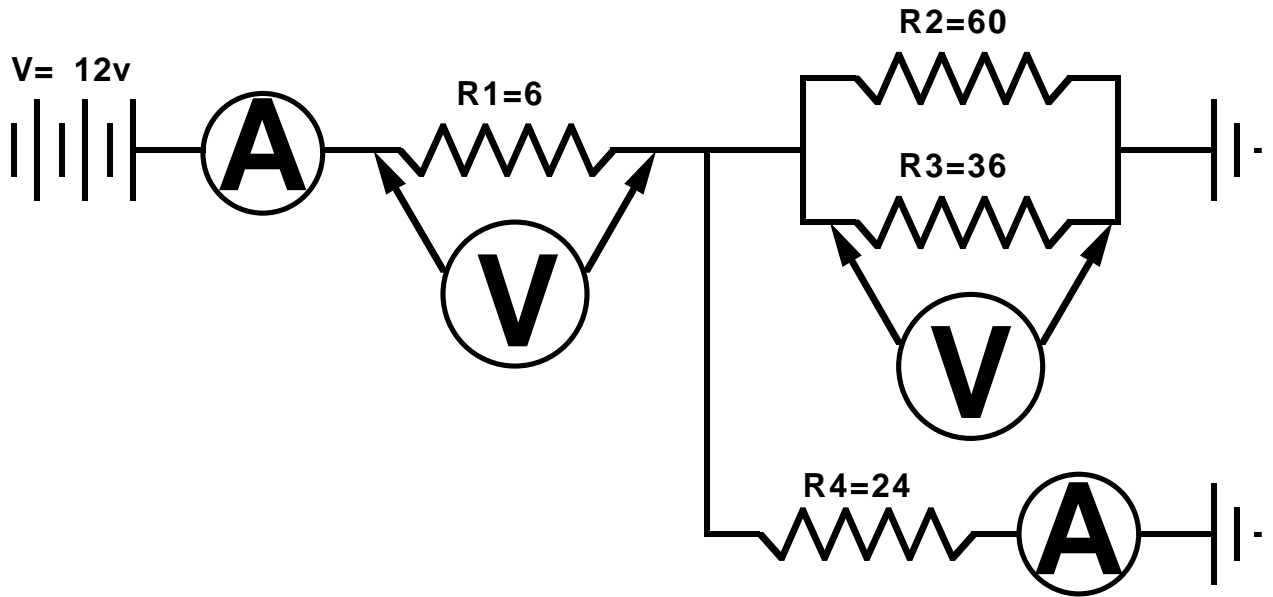








24.



25.

