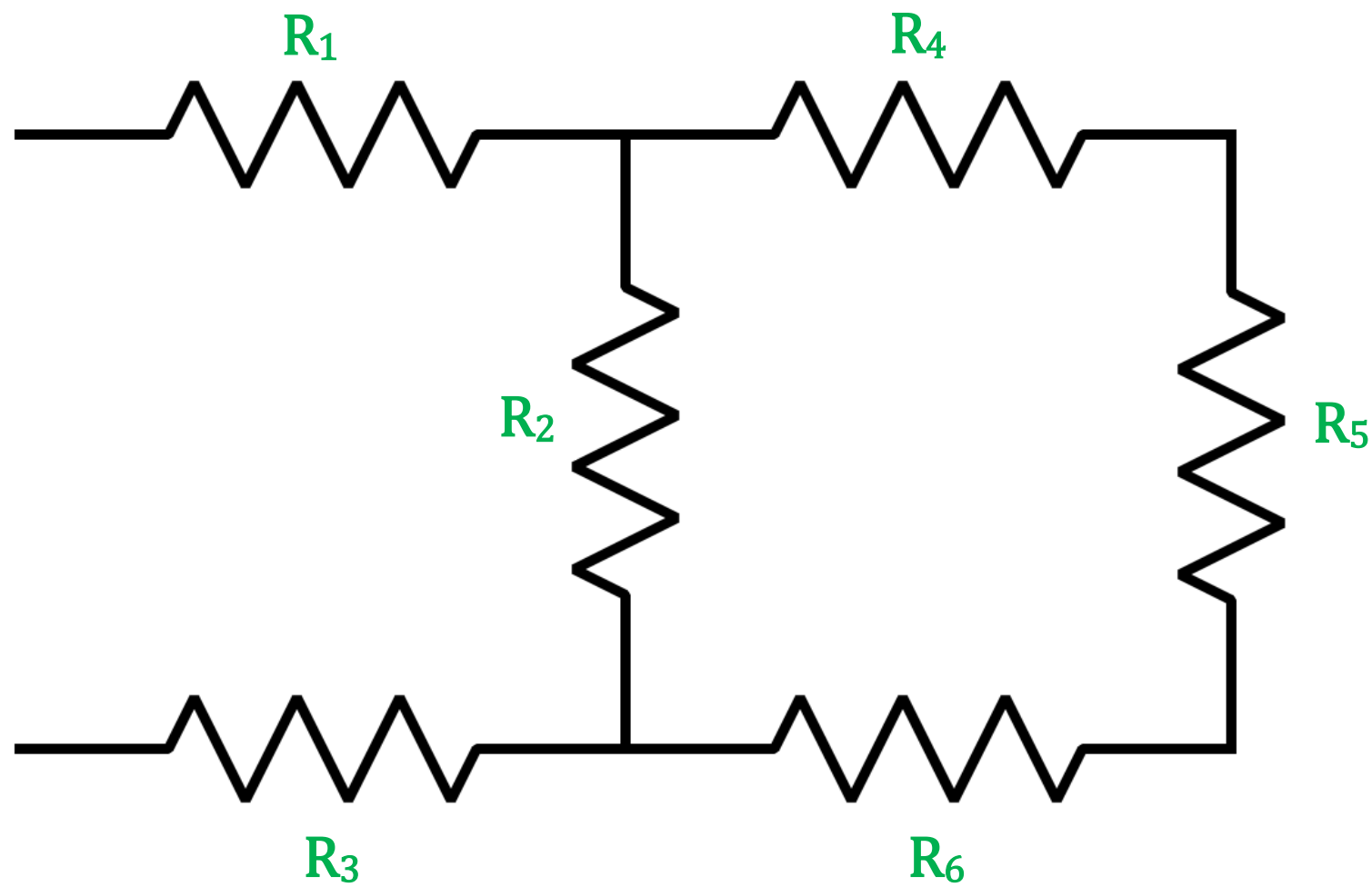
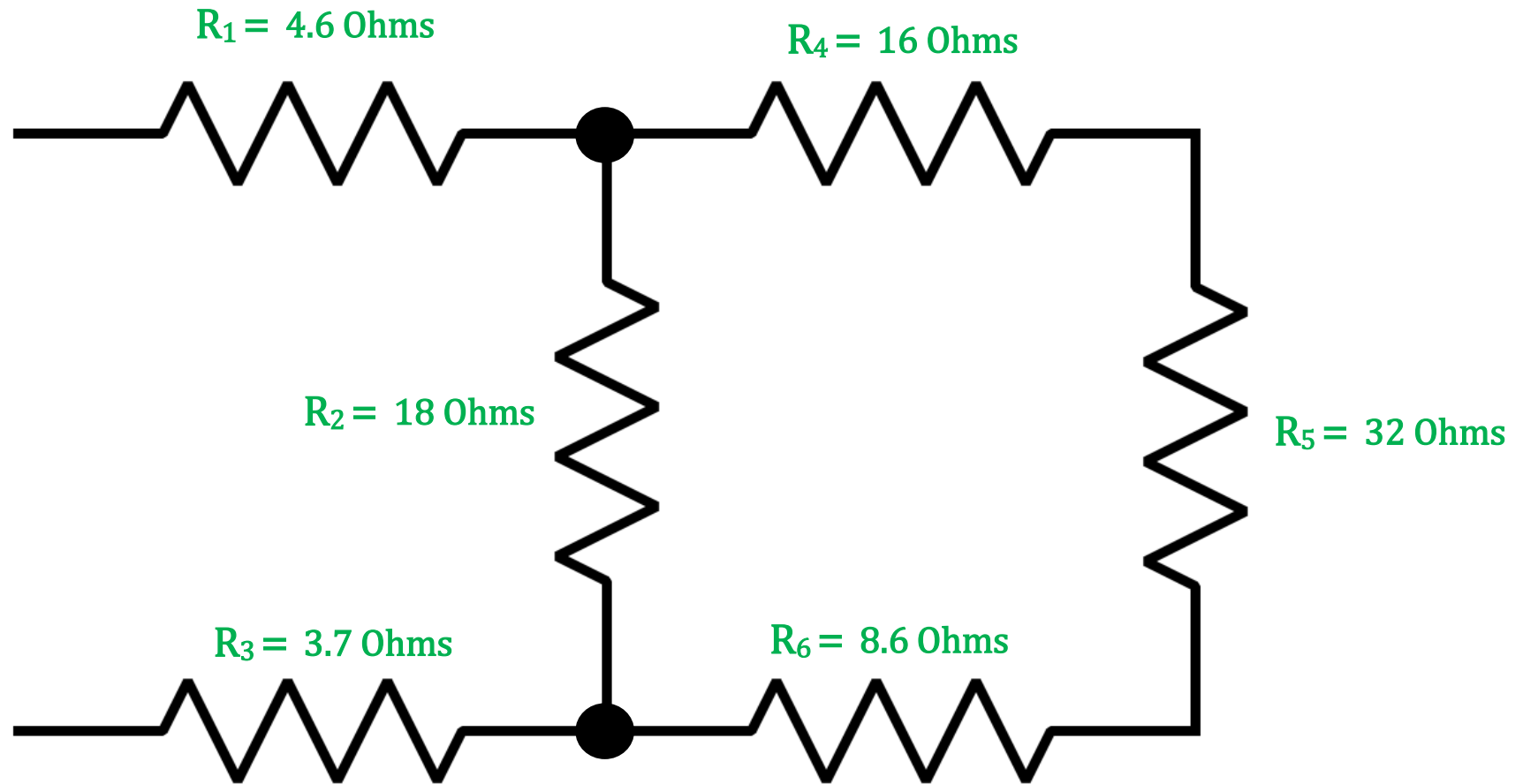
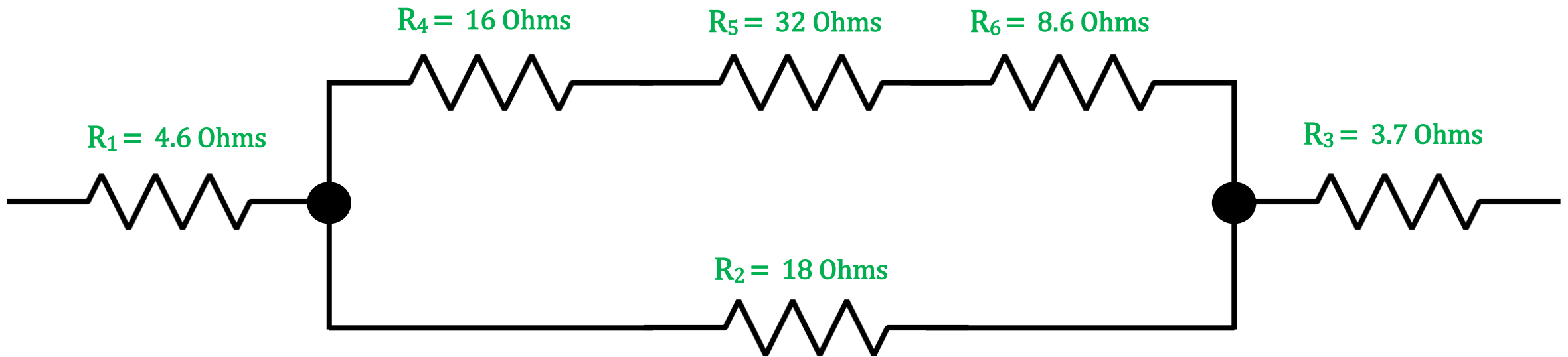


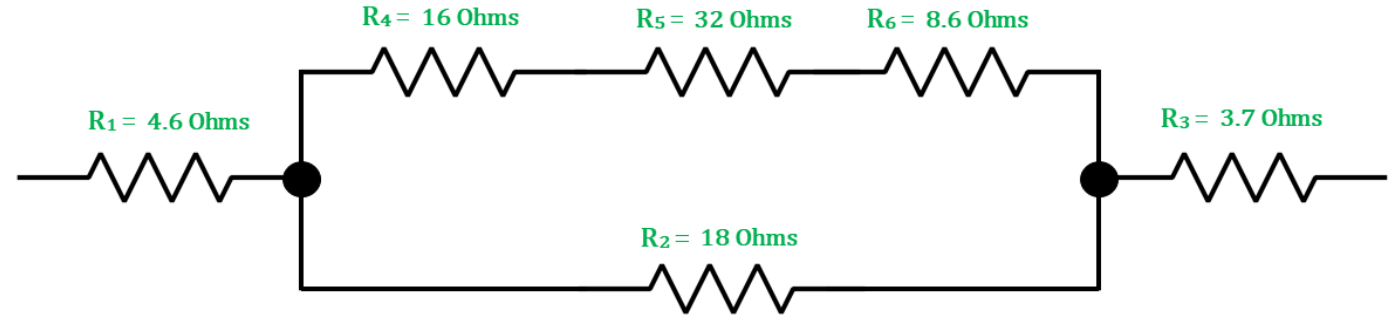
Resistance Calculation 5







$$R_{4,5,6} = 16 + 32 + 8.6 = 56.6 \text{ Ohms}$$



$$R_{2,4,5,6} = \frac{R_2 \times R_{4,5,6}}{R_2 + R_{4,5,6}} = \frac{18 \times 56.6}{18 + 56.6} = \frac{1018.8}{74.6} = 13.66 \text{ Ohms} \quad R_{2,4,5,6} = 13.66 \text{ Ohms}$$

$$R_T = R_1 + R_{2,4,5,6} + R_3 = 4.6 + 13.66 + 3.7 = 21.96 \text{ Ohms}$$



$$R_T = 21.96 \text{ Ohms}$$
