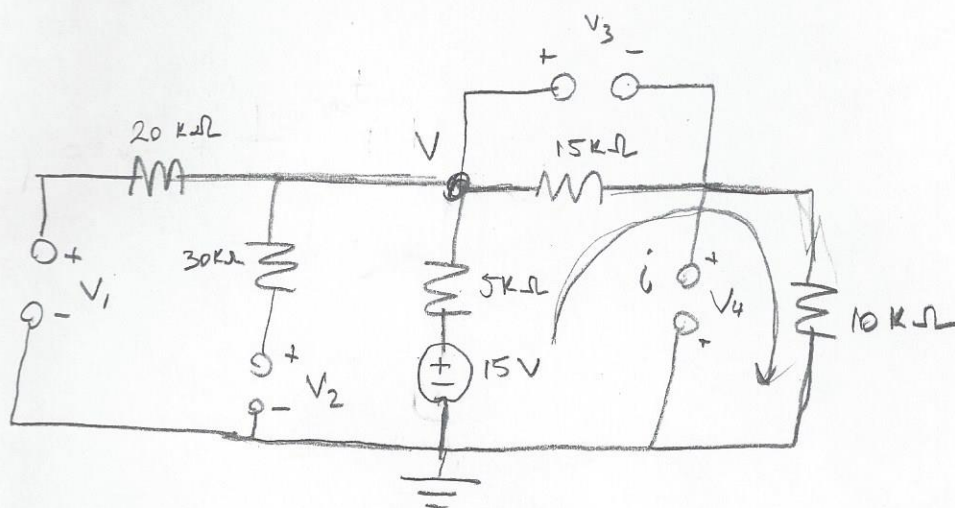
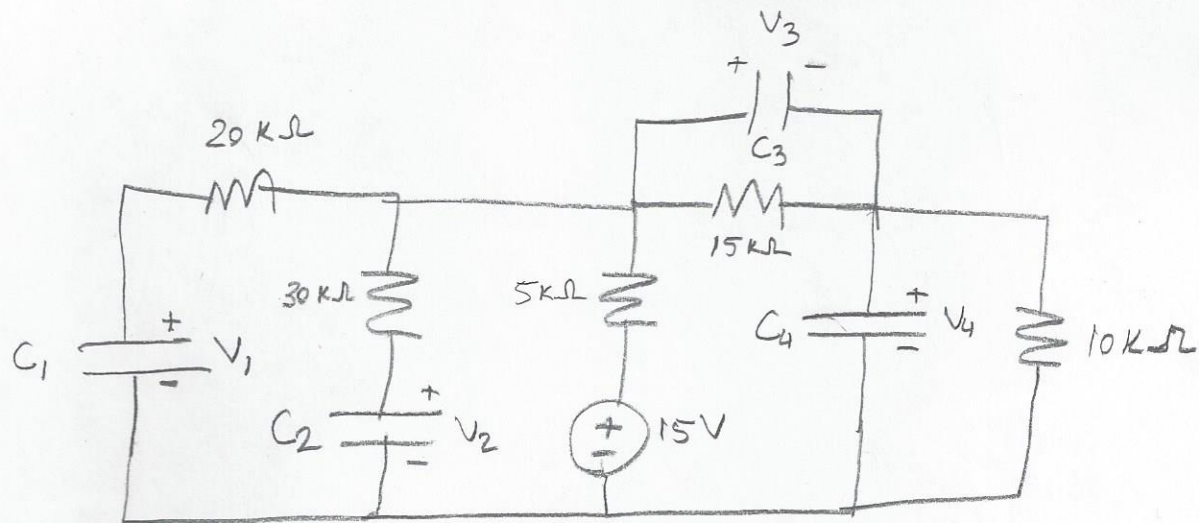


4



$$\frac{V}{25,000} + \frac{V-15}{5000} = 0$$

$$-15 + 30,000i = 0$$

$$i = 0.5 \times 10^{-3} \text{ A}$$

$$\frac{-V}{25,000} = \frac{V-15}{5000}$$

$$\frac{-V}{5000} = V-15$$

$$1,0002 V = 15$$

$$V \approx 15 \text{ V}$$

$$V_3 = 0.5 \times 10^{-3} (15,000) = 7.5 \text{ V}$$

$$V_4 = 0.5 \times 10^{-3} (10,000) = 5 \text{ V}$$

$$V_2 = 15 - 5000 (0.5 \times 10^{-3}) = 12.5 \text{ V}$$

$$V_1 = 12.5 \text{ V}$$