

## Chapter 18

18.12

$$\mathcal{E} = 9 \text{ V}$$

18.24

$$V = 12.8 \text{ V}$$

18.34

$$\mathcal{E} = 30 \text{ V}$$

18.38

$$R_{AB} = \frac{2}{5} \Omega$$

18.44

$$I = 4 \text{ A}$$

18.78

$$\mathcal{E} = 8 \text{ V}$$

18.82

$$I_1 = 2 \text{ A}$$

$$I_4 = 4 \text{ A}$$

$$I_5 = -2 \text{ A}$$