

Ex 17.7 p 544

$$I = 20A \quad V = 120V$$

75Watt bulbs

$$P = IV = 20(120) \\ = 2400 \text{ Watt}$$

$$\frac{2400 \text{ Watt}}{75 \text{ Watt}} \Bigg| \frac{1 \text{ bulb}}{75 \text{ Watt}}$$

$$= \underline{32 \text{ bulbs}}$$

$$V = IR$$

$$P = IV$$