

$$P = V \times I \quad \text{power} = \text{voltage} \times \text{current}$$

$$P = I^2 \times R \quad \text{power} = (\text{current}^2) \times \text{resistance}$$

$$P = W \div t \quad \text{power} = \text{work done} \div \text{time}$$

$$V = I \times R \quad \text{voltage} = \text{current} \times \text{resistance}$$

$$P = E \div t \quad \text{power} = \text{energy} \div \text{time}$$

$$Q = I \times t \quad \text{charge flow} = \text{current} \times \text{time}$$

$$E = V \times I \times t \quad \text{energy transferred} = \text{voltage} \times \text{current} \times \text{time}$$

$$E = P \times t \quad \text{energy transferred} = \text{power} \times \text{time}$$

$$E = V \times Q \quad \text{energy} = \text{charge flow} \times \text{voltage}$$

$$W = V \times Q \quad \text{work} = \text{voltage} \times \text{charge flow}$$