NAME DATE CLASS

Chapter 6

REINFORCEMENT

Use with Section 3

• Electric Circuits

Use the terms and statements from this box to complete the table.

amount of electric energy used by a device	a circuit that has more than one path for the electric current to follow
a circuit that has only one path for the electric current to follow	George Simon Ohm
kilowatt	kW
Ohm's law	$P = I \times V$
parallel	parallel circuit
power = current × voltage	series
series circuit	$V = I \times R$
voltage = current × resistance	W
watt	

IMPORTANT FACTS ABOUT ELECTRIC CIRCUITS	
1. There is a relationship among voltage, current, and resistance in an electric circuit.	
Name of law:	
Discovered by:	
Expression of law:	
Equation:	
2. There are two types of electric circuits.	
Two types of circuits:	**1.** **2.**
Definitions of these circuits	**1.** **2.**
3. The electrical power of a circuit can be measured.	
Definition of electrical power:	
Unit of electrical power:	**1. Name:** **2. Abbreviation:** **3. Term for 1000 units:** **4. Abbreviation for 1000 units:**
Determining the electrical power of a circuit:	**1. Expression:** **2. Formula:**