

Electric Current Electrical Energy

Directions: For each of the following write, the letter of the term that best completes each statement.

- _____ 1. An electric current will always flow from high _____ to low.
a. voltage b. watts
- _____ 2. A closed path through which electrons can flow is _____.
a. voltage b. a circuit
- _____ 3. Current is almost always the flow of _____.
a. electrons b. protons
- _____ 4. A current has two or more branches in a _____.
a. series circuit b. parallel circuit
- _____ 5. The tendency for a material to oppose the flow of electrons is called _____.
a. voltage b. resistance
- _____ 6. Current has only one loop to flow through in a _____.
a. parallel circuit b. series circuit
- _____ 7. Current is measured in _____.
a. volts b. amperes
- _____ 8. Thin wires have a _____ resistance to electron flow than do thicker wires.
a. greater b. lesser
- _____ 9. One thousand watts of power used in 60 minutes is _____.
a. 16.7 amperes b. 1 Kilowatt-hour