

# Understanding Electric Energy

Use the correct terms from the box to complete the following sentences.

amperes (A)	conductor	electric circuit
electric current	load	parallel circuit
potential difference	series circuit	source
switch	volts (V)	

1. An \_\_\_\_\_ usually has a source of electric energy, a switch, a conductor, and a load.
2. An electric circuit that provides only one complete pathway for electric current is called a \_\_\_\_\_.
3. An electric circuit that provides more than one complete pathway for electric current is called a \_\_\_\_\_.
4. The steady flow of electricity is called an \_\_\_\_\_.
5. The voltage across part of an electric circuit is measured in \_\_\_\_\_.
6. The amount of electric current flowing in an electric circuit is measured in \_\_\_\_\_.
7. A \_\_\_\_\_ is a part of an electric circuit that converts electric energy into another kind of useful energy. A light bulb is an example.
8. A \_\_\_\_\_ is a device that transfers electricity in an electric circuit. A battery is an example.
9. A \_\_\_\_\_ is material that electricity flows along. A wire is an example.
10. A device that lets you control when current flows through an electric circuit is called a \_\_\_\_\_.
11. Another term for voltage is \_\_\_\_\_.