

Name _____

What are Electrons, and How Do They Relate to Electricity?

Short Answer Key

1. Conductors allow electrons to move freely, while insulators restrict their movement.
2. Connecting a device to a battery completes an electric circuit by allowing electrons to flow through the device.
3. When you turn off a light switch, you break the circuit, stopping the flow of electrons and turning off the light.
4. A charger reverses the flow of electrons in a rechargeable battery, sending them back to their original terminals.
5. Rechargeable batteries are more eco-friendly than single-use batteries because they can be recharged and used multiple times, reducing waste.

