

Name _____

The Power of Outlets

Multiple Choice Questions

1. What is the primary function of household electrical outlets?
 - a) To generate electricity
 - b) To store electricity
 - c) To transform electricity from high voltage to low voltage
 - d) To provide a connection for devices to access electricity

2. What is the purpose of the ground wire in an electrical outlet?
 - a) It carries electricity from the power source.
 - b) It completes the electrical circuit.
 - c) It provides a safe path for excess electricity in case of a fault.
 - d) It changes the direction of electron flow.

3. How does an electrical outlet complete an electrical circuit when a device is plugged in?
 - a) By turning on a switch
 - b) By completing a connection between the hot and neutral wires
 - c) By generating electricity
 - d) By opening a circuit breaker

4. What type of current do most household outlets provide?
 - a) Direct current (DC)
 - b) Alternating current (AC)
 - c) Static electricity
 - d) Solar energy

5. What safety feature is often built into electrical outlets to prevent accidental contact with live electrical parts?
 - a) Shutters
 - b) Faceplates
 - c) Circuit breakers
 - d) Ground wires

