

Name _____

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

Multiple Choice Questions

1. What is the charge of electrons?

- a) Positive
- b) Negative
- c) Neutral
- d) Neutral and positive

2. Which of the following materials allows electrons to move freely and is a good conductor of electricity?

- a) Wood
- b) Rubber
- c) Copper
- d) Glass

3. What is needed to create electricity?

- a) An open circuit
- b) An energy source
- c) An insulator
- d) A stationary electron

4. When a circuit is complete, what happens to the flow of electrons?

- a) They stop moving
- b) They move backward
- c) They flow continuously, creating an electric current
- d) They become positively charged

5. How do rechargeable batteries work?

- a) They release electrons when connected to a device
- b) They never need recharging
- c) They reverse the flow of electrons during charging
- d) They have a one-time use only

