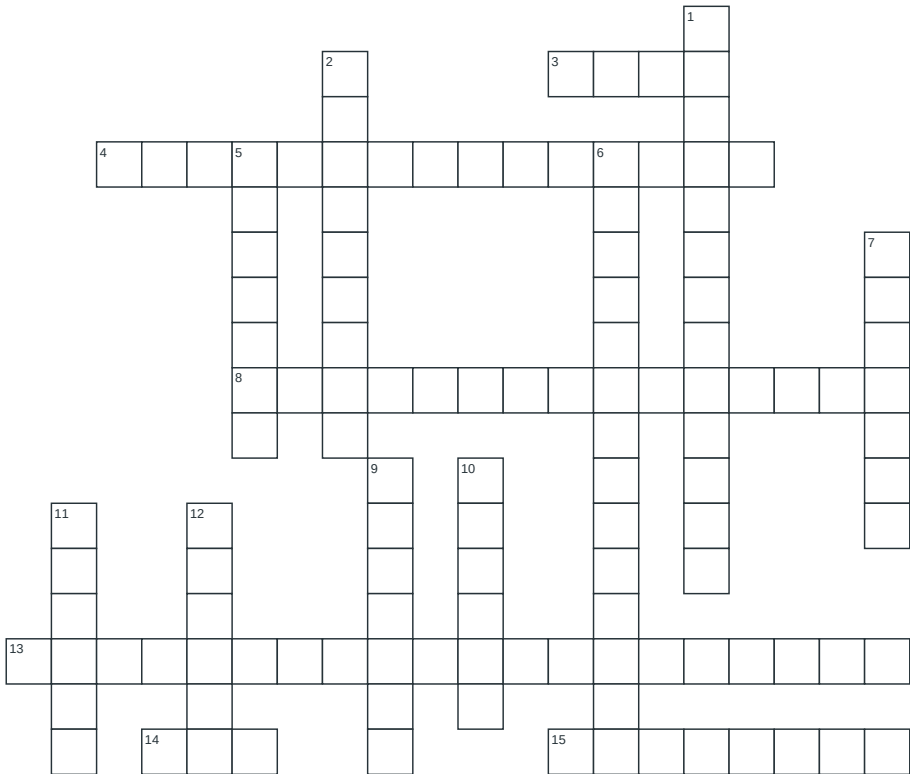


Electric Circuits Crossword

Medium | 15 clues | Student Worksheet

Name: _____ Date: _____

Directions: Use the clues to complete the grid. Omit spaces, punctuation, and hyphens.



ACROSS

- 3. Protective device that opens a circuit when current is too high.
- 4. A circuit containing more than one branch for current
- 8. The rate of electric charge flow
- 13. Property that opposes electric current in a material or component
- 14. Unit that measures resistance
- 15. Circuit component designed to provide electrical resistance.

DOWN

- 1. A circuit with one path through its components

DOWN (continued)

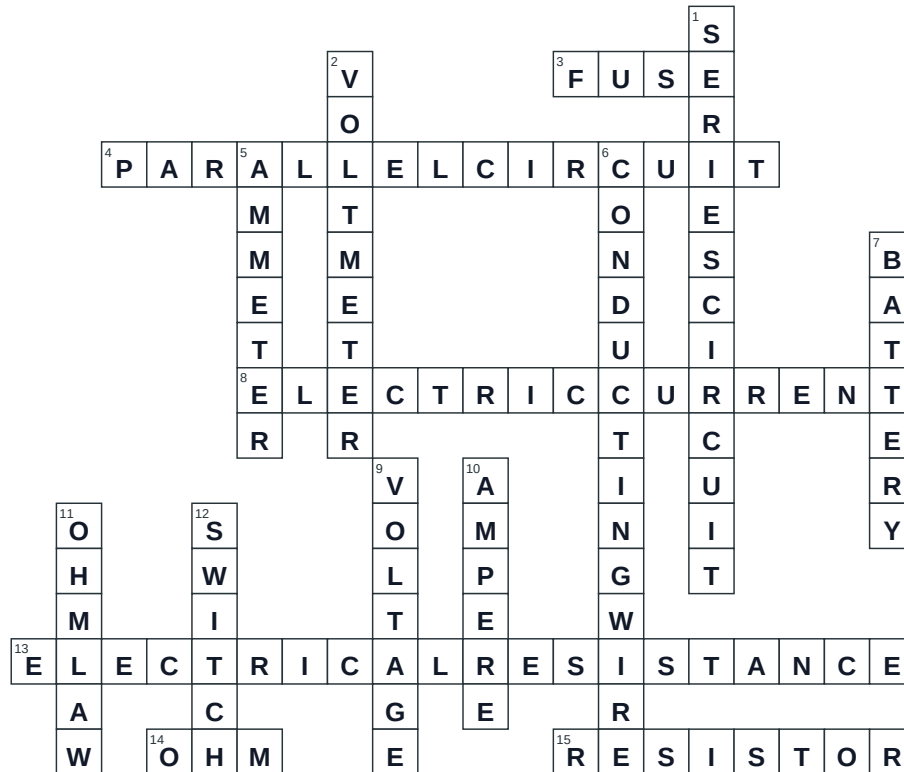
- 2. Instrument connected in parallel to measure potential difference.
- 5. Instrument connected in series to measure current.
- 6. Material path that allows charge to flow through a circuit.
- 7. Source that maintains a potential difference using chemical reactions.
- 9. Electric potential difference between two points
- 10. Unit that measures current
- 11. Relationship among voltage, current, and resistance for an ohmic component.
- 12. Component that opens or closes a circuit path.

Electric Circuits Crossword

Medium | 15 clues | Teacher Answer Key

TEACHER ANSWER KEY

Completed grid and numbered answers. Spaces and punctuation are omitted in the grid.



ACROSS

- 3. Fuse
- 4. Parallel Circuit
- 8. Electric Current
- 13. Electrical Resistance
- 14. Ohm
- 15. Resistor

DOWN

- 1. Series Circuit

DOWN (continued)

- 2. Voltmeter
- 5. Ammeter
- 6. Conducting wire
- 7. Battery
- 9. Voltage
- 10. Ampere
- 11. Ohm law
- 12. Switch