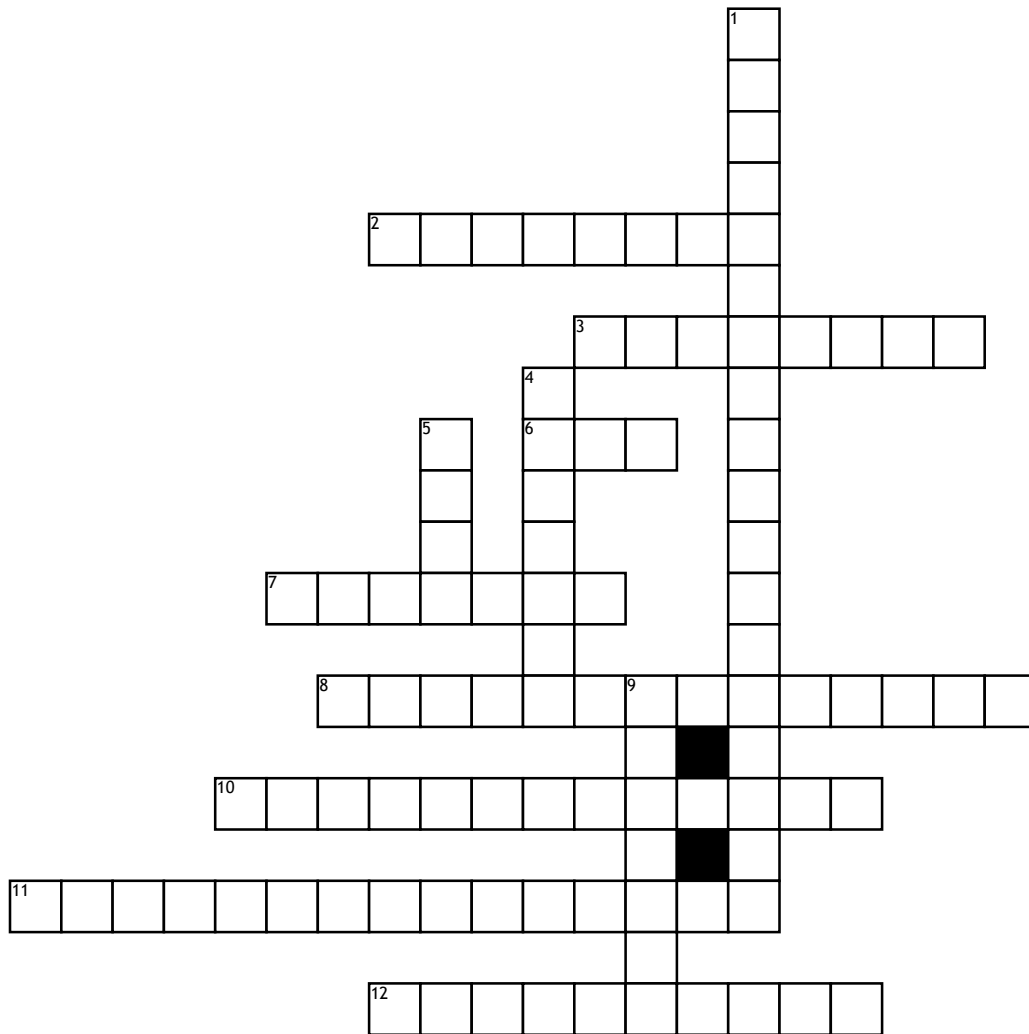


# Electrical Currents



**Across**

- 2. Impedes the flow of electrical current within a circuit
- 3. What circuit contains elements connected along multiple electrical paths?
- 6. What is the unit for resistance?
- 7. Current is equal to voltage divided by resistance

- 8. Elements connected along the same electrical path
- 10. A current that flows in only one direction
- 11. Unbroken path that allows electricity to flow
- 12. How much current is obstructed within a circuit

- 4. Drives current through circuit and can be generated between any two points
- 5. Current is measured in...
- 9. Path that allows electricity to flow

**Down**

- 1. A current that flows in oscillating directions

**Word Bank**

- |                |                  |          |                     |
|----------------|------------------|----------|---------------------|
| amps           | voltage          | resistor | parallel            |
| ohm's law      | complete circuit | Circuit  | alternating current |
| direct current | series circuits  | ohm      | resistance          |