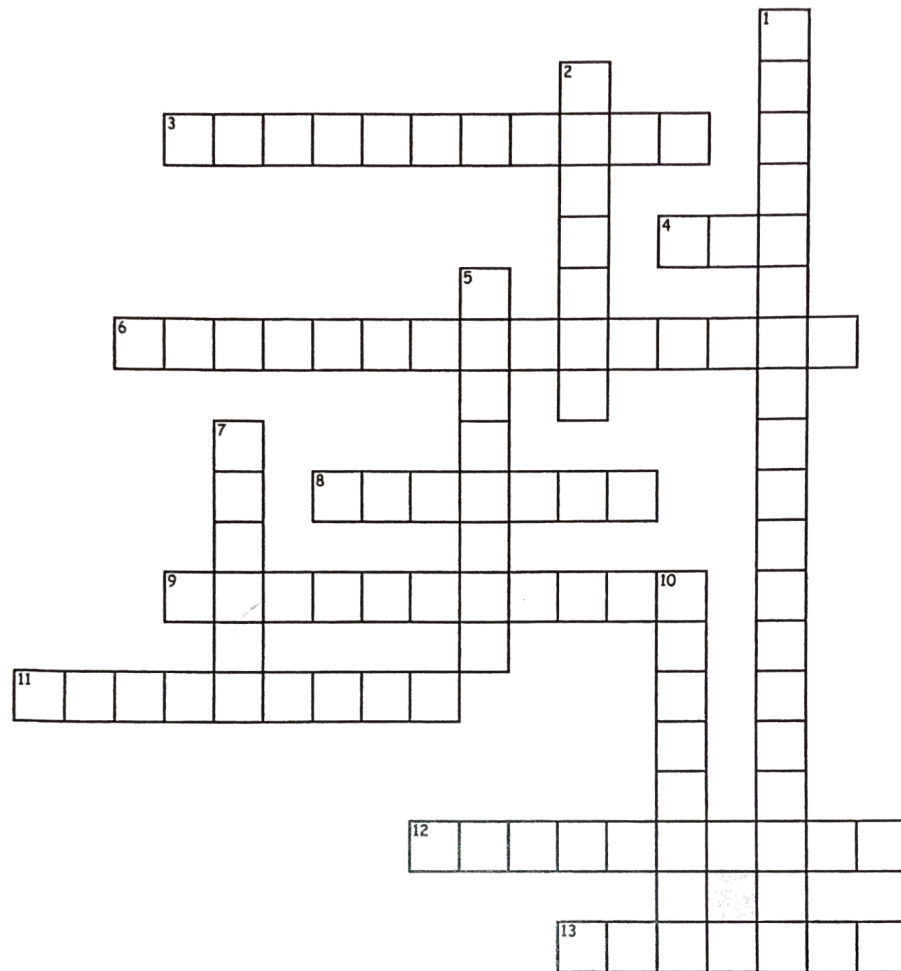


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

# Electricity



## Across

3. a form of energy resulting from the existence of charged particles
4. an atom or molecule with a net electric charge due to the loss or gain of one or more electrons
6. a closed circuit in which the current divides into two or more paths before recombining to complete the circuit
8. an electromotive force or potential difference expressed in volts
9. A device used to transfer electrical energy from one circuit to another
11. a force that acts at a distance due to a magnetic field
12. a hindrance to the flow of a charge
13. a flow of electric charge

## Down

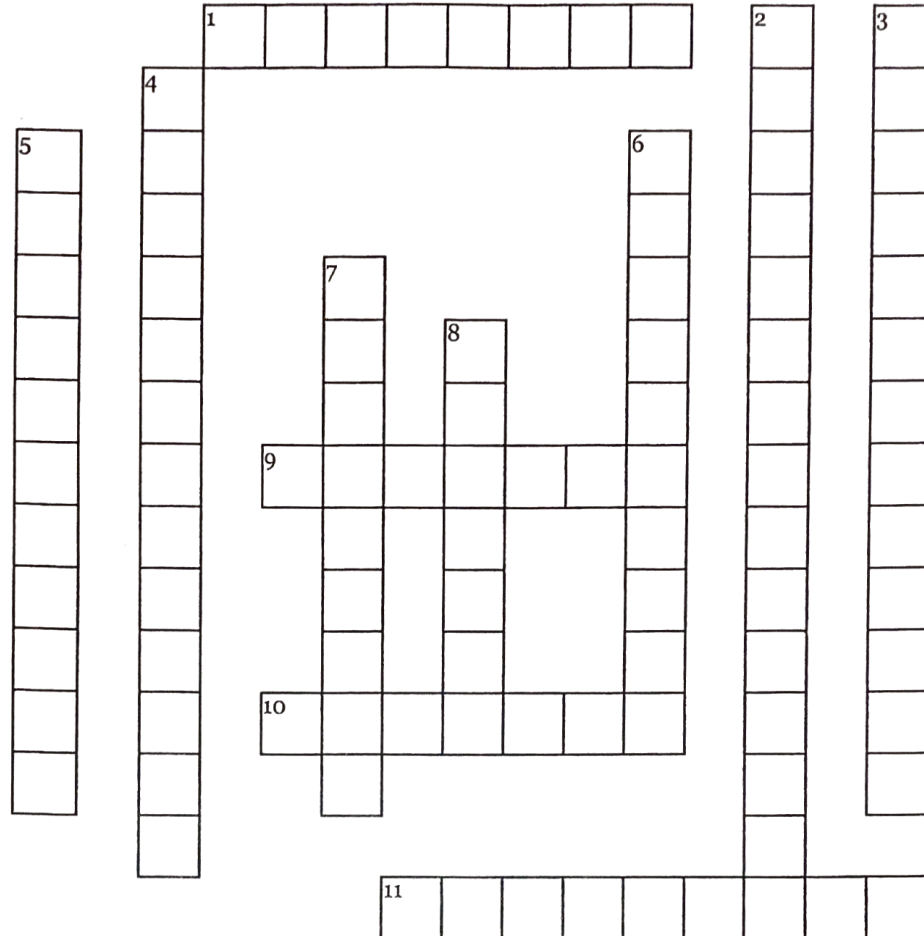
1. the difference of electrical potential between two points
2. the complete path around which an electric current flows
5. a stable subatomic particle that is found in atoms with a charge of negative electricity
7. is a characteristic of a unit of matter that expresses the extent to which it has more or fewer electrons than protons
10. an electronic component that is designed to offer a desired amount of resistance to the flow

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

# Circuits



**Across**

- 1. A circuit where the circuit is divided into two or more paths is a \_\_\_\_\_ circuit
- 9. \_\_\_\_\_ is a flow of electrical charge.
- 10. \_\_\_\_\_ is an electromotive force for potential differences expressed in volts
- 11. The atoms of a \_\_\_\_\_ easily accept and pass on electrons.

**Down**

- 2. When there is an unbroken path on which electrons flow it is called a \_\_\_\_\_.
- 3. A \_\_\_\_\_ is an electrical circuit through which current can flow uninterrupted path.
- 4. A \_\_\_\_\_ is a closed circuit in which the current follows on a path.
- 5. A discontinuous circuit through which no current can flow is called a \_\_\_\_\_
- 6. The electrical restriction of electric flow is called \_\_\_\_\_.
- 7. The atoms of \_\_\_\_\_ do not accept and pass on electrons.
- 8. A \_\_\_\_\_ is a route in which electrical current flows.