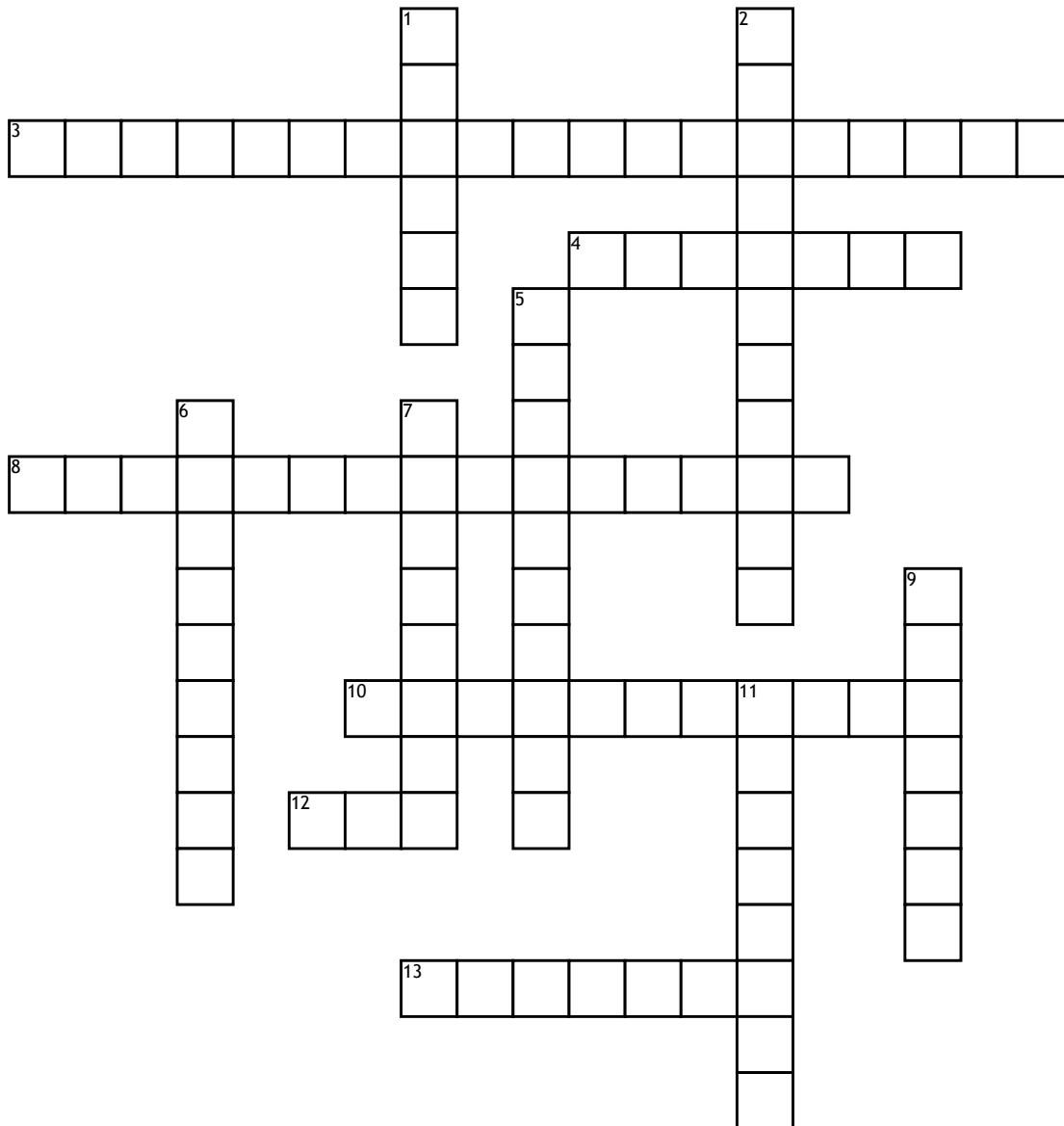


Name: _____

Date: _____

Electricity



Across

3. The difference of electrical potential between two points
 4. An electromotive force or potential difference expressed in volts
 8. A closed circuit in which the current divides into two or more paths before recombining to complete the circuit
 10. A device used to transfer electrical energy from one circuit to another

12. An atom or molecule with a net electric charge due to the loss or gain of one or more electrons

13. A flow of electric charge

Down

1. Is a characteristic of a unit of matter that expresses the extent to which it has more or fewer electrons than protons
 2. A form of energy resulting from the existence of charged particles
 5. A hindrance to the flow of a charge

6. A force that acts at a distance due to a magnetic field

7. A stable subatomic particle that is found in atoms with a charge of negative electricity

9. The complete path around which an electric current flows

11. An electronic component that is designed to offer a desired amount of resistance to the flow