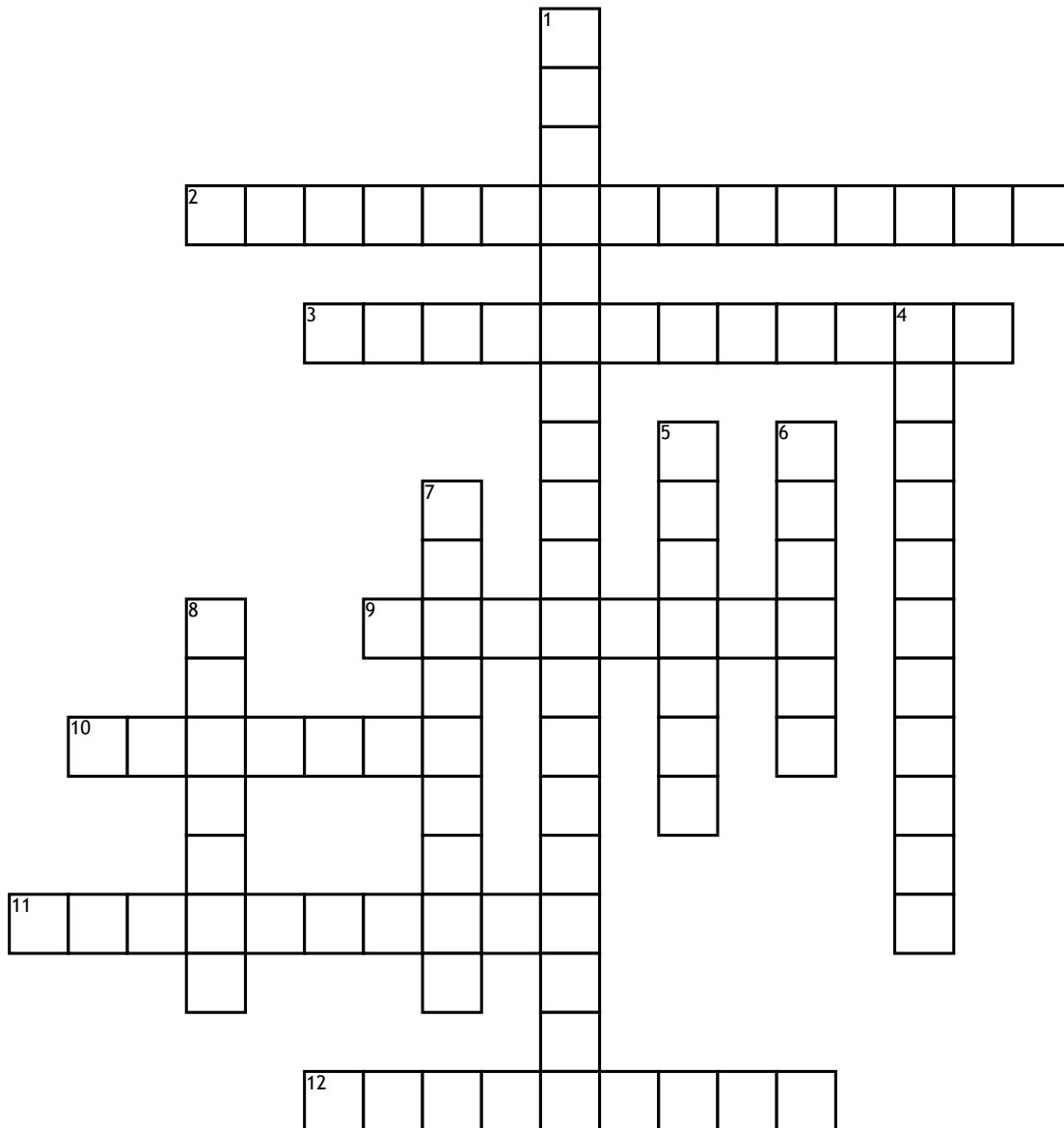


Name: _____

Date: _____

Electricity



Across

2. a closed circuit in which the current divides into two or more paths before recombining to complete the circuit

3. a form of energy resulting from the existence of charged particles.

9. an electronic component that is designed to offer a desired amount of resistance to the flow

10. a flow of electric charge

11. a hindrance to the flow of a charge

12. a force that acts at a distance due to a magnetic field

Down

1. the difference of electrical potential between two points

4. a device used to transfer electrical energy from one circuit to another

5. an electromotive force or potential difference expressed in volts

6. is a characteristic of a unit of matter that expresses the extent to which it has more or fewer electrons than protons

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

8. the complete path around which an electric current flows