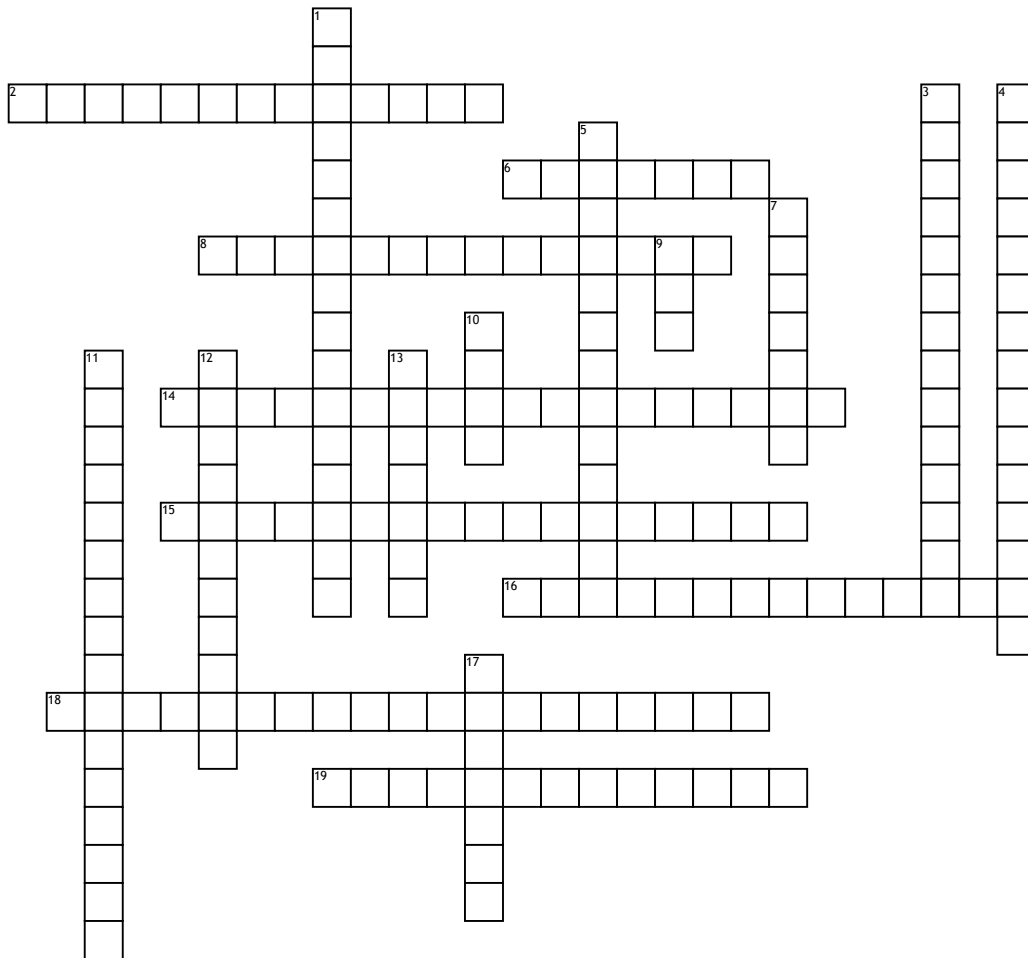


Name: \_\_\_\_\_

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

# electricity



## Across

2. an electric current that flows in one direction steadily.  
 6. Potential Difference.  
 8. A material that has almost zero resistance when it is cooled to low temps.  
 14. A flow of electric charge that regularly reverses its direction  
 15. An accumulation of electric charge on an insulated body  
 16. an electrical property of matter that creates electric and magnetic forces.

18. A material that allows electricity to flow through easily.

19. The field around charged particles that exerts a force on other charged particles.

## Down

1. two or more paths that electricity can flow through and there is a load connected to each parts.  
 3. A reusable safety switch that breaks the circuit when the current become too high.  
 4. Rate at which electrical energy is converted to another form of energy expressed in watts.

5. The attraction or repulsion between electric charges.

7. a flow at electric charge

9. what is the word for resistance

10. whats the ohm law

11. The energy of electric charges

12. a form of energy caused by the movement of electrons

13. A device that converts chemical energy to electrical energy.

17. the difference in electrical potential energy per charge between two places in a circuit

## Word Bank

Voltage  
 electrical conductor  
 current  
 Battery  
 electric field

Alternating current  
 electrical energy  
 electric charge  
 ohm  
 electricity

Circuit Breaker  
 Voltage  
 static electricity  
 electrical power  
 Super Conductor

$V=ir$   
 electric force  
 Direct current  
 parallel circuits