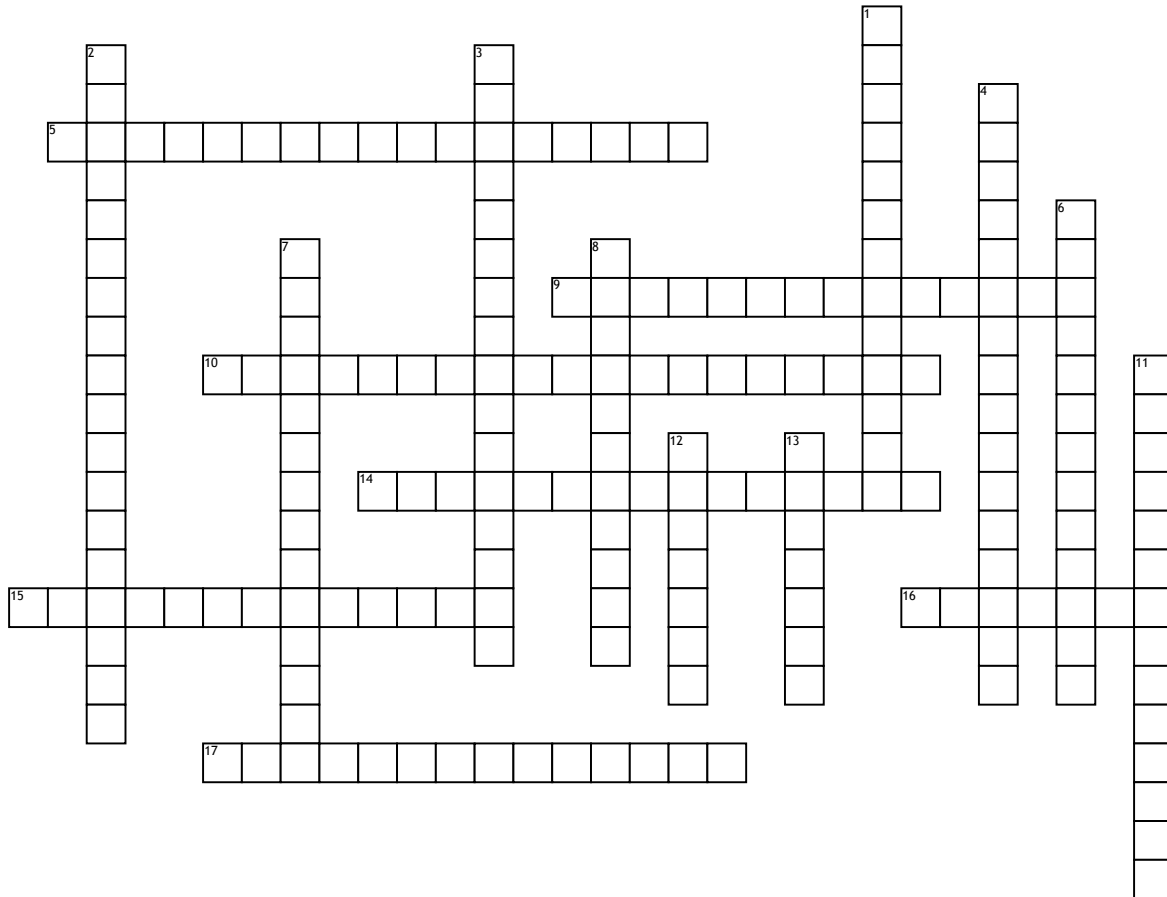


Electricity



Across

5. An accumulation of electric charge on an insulated body.
 9. An electrical property of matter that creates electric and magnetic forces and interaction.
 10. A material that allows electricity to flow through easily.
 14. Rate at which electrical energy is converted to another form of energy expressed in watts.
 15. An electric current that flows in one direction steadily.
 16. A flow of electric charge.

17. only one path for the current to flow

Down

1. The attraction or repulsion between electric charges.
 2. A flow of electric charge that regularly reverses its direction.
 3. Two or more paths that electricity can flow through and there is a load connected to each path.
 4. The energy of electric charges.
 6. The field around charged particles that exerts a force on other charged particles.

7. Material that has almost zero resistance when it is cooled to low temperatures.

8. A form of energy caused by the movement of electrons.
 11. A reusable safety switch that breaks the circuit when the current becomes too high.
 12. A device that converts chemical energy to electrical energy.
 13. The difference in electrical potential energy per charge between two places in a circuit.