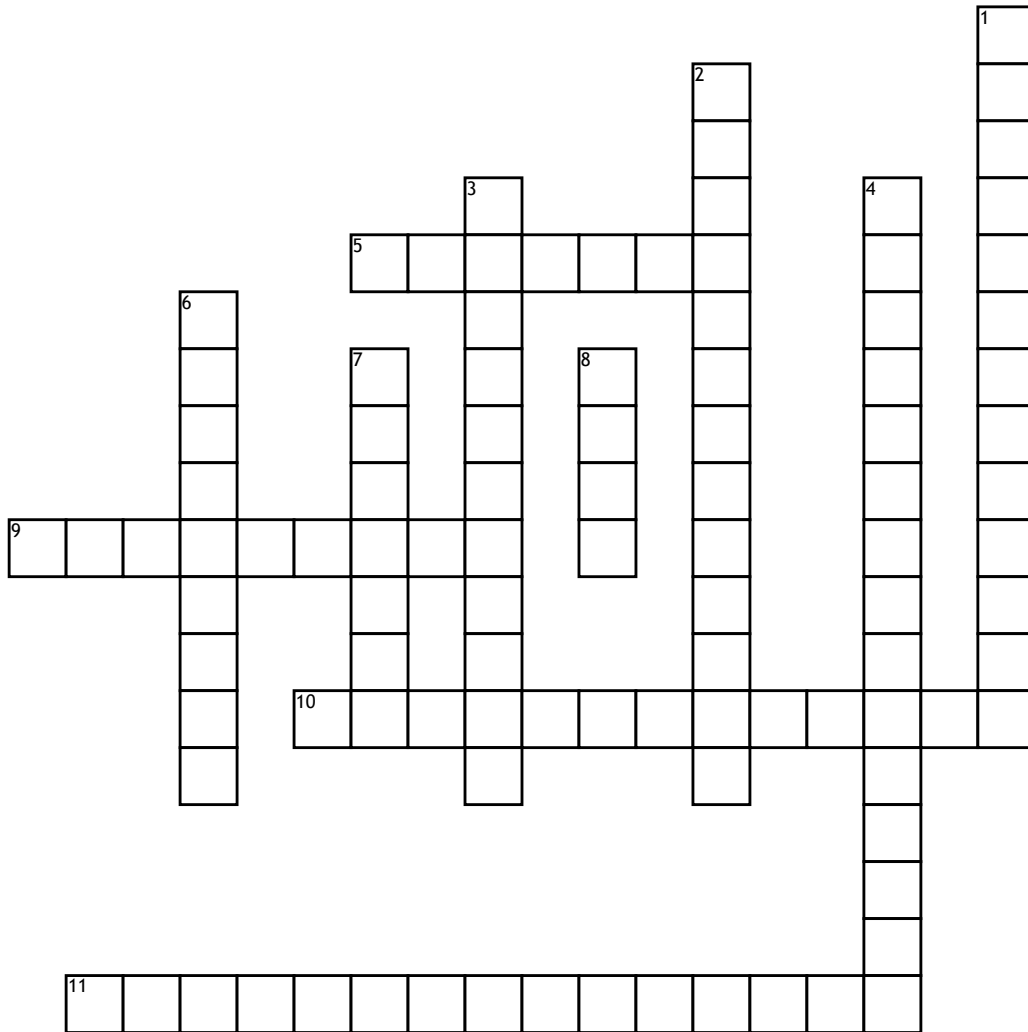


Name: _____

Date: _____

All About Electrical Circuits



Across

- 5. The units of electric currents
- 9. A substance that does not readily allow the passage of heat or sound
- 10. An electrical circuit in which the electrical current passes through each circuit element in order
- 11. A closed circuit in which the current divides into two or more paths before recombining to complete the circuit.

Down

- 1. Circuit containing one voltage or current source in series with, or in parallel with, one load

- 2. An electrical circuit in which there is an uninterrupted endless path for current to flow when voltage is applied
- 3. An electrical circuit that is not complete
- 4. Made up of the flow of electrons in a current
- 6. A material or device that conducts or transmits heat, electricity, or sound
- 7. An electric potential difference between two points on a conducting wire
- 8. An electrical component or portion of a circuit that consumes electric power.

Word Bank

Simple Circuit
Closed Circuit
Load

Series Circuit
Voltage
Insulator

Conductor
Open Circuit
Parallel Circuit

Amperes
Electric Current