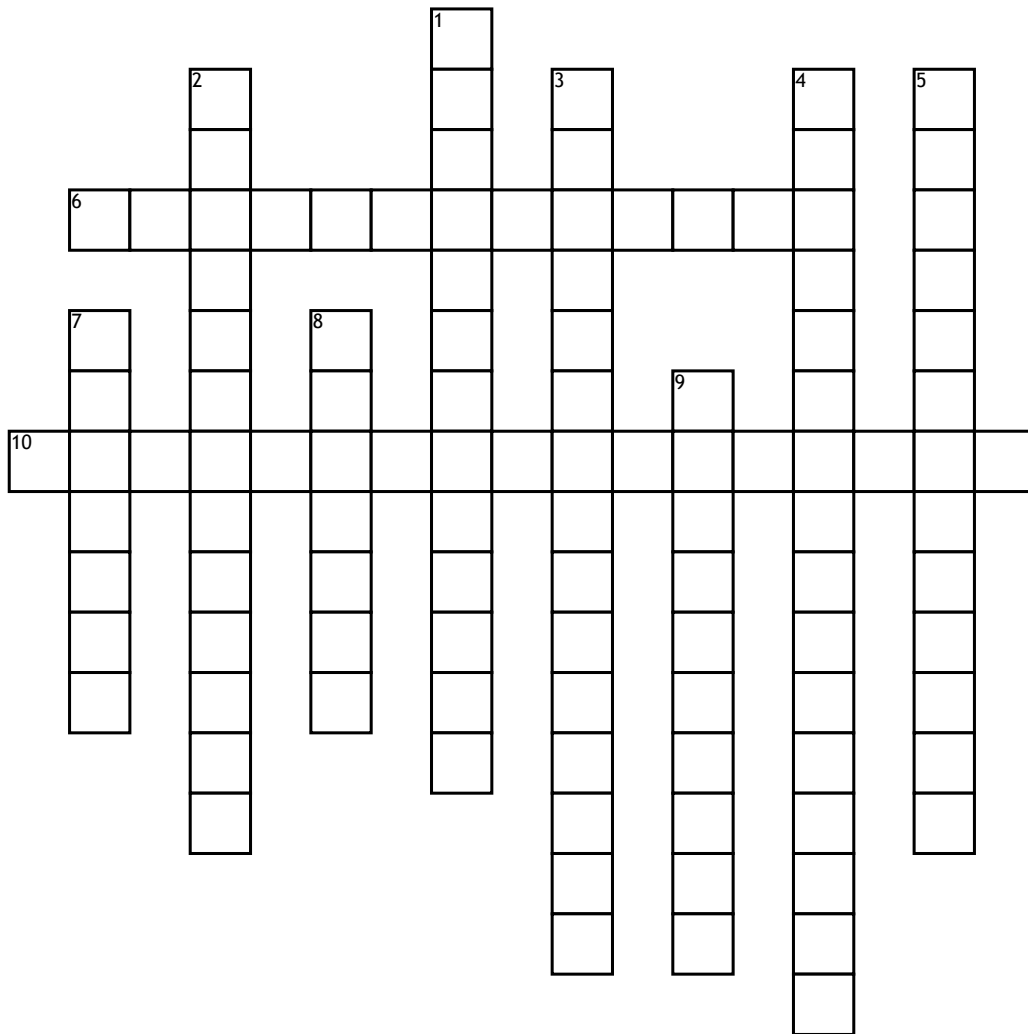


Name: _____ Date: _____ Period: _____

Electromagnetism



Across

6. A closed circuit in which the current follows one path

10. A device that converts mechanical energy to electrical energy for use in an external circuit

Down

1. An electrical machine that converts electrical energy into mechanical energy

2. An electric current flowing in one direction only

3. A circuit that is divided into two or more paths

4. An electric current that reverses its direction many times a second at regular intervals

5. Temporary magnets that lose their magnetism when electric current is removed; a magnet produced by creating a magnetic field by conducting electric current through a wire wrapped around an iron core

7. Potential difference between two points; measured in volts

8. Rate at which charges pass through a given point; measured in Amperes

9. The opposition presented to current by material or device; measured in ohms

Word Bank

Electromagnet

Electric generator

Alternate Current

Series circuit

Resistance

Current

Voltage

Parallel Circuit

Direct Current

Electric motor