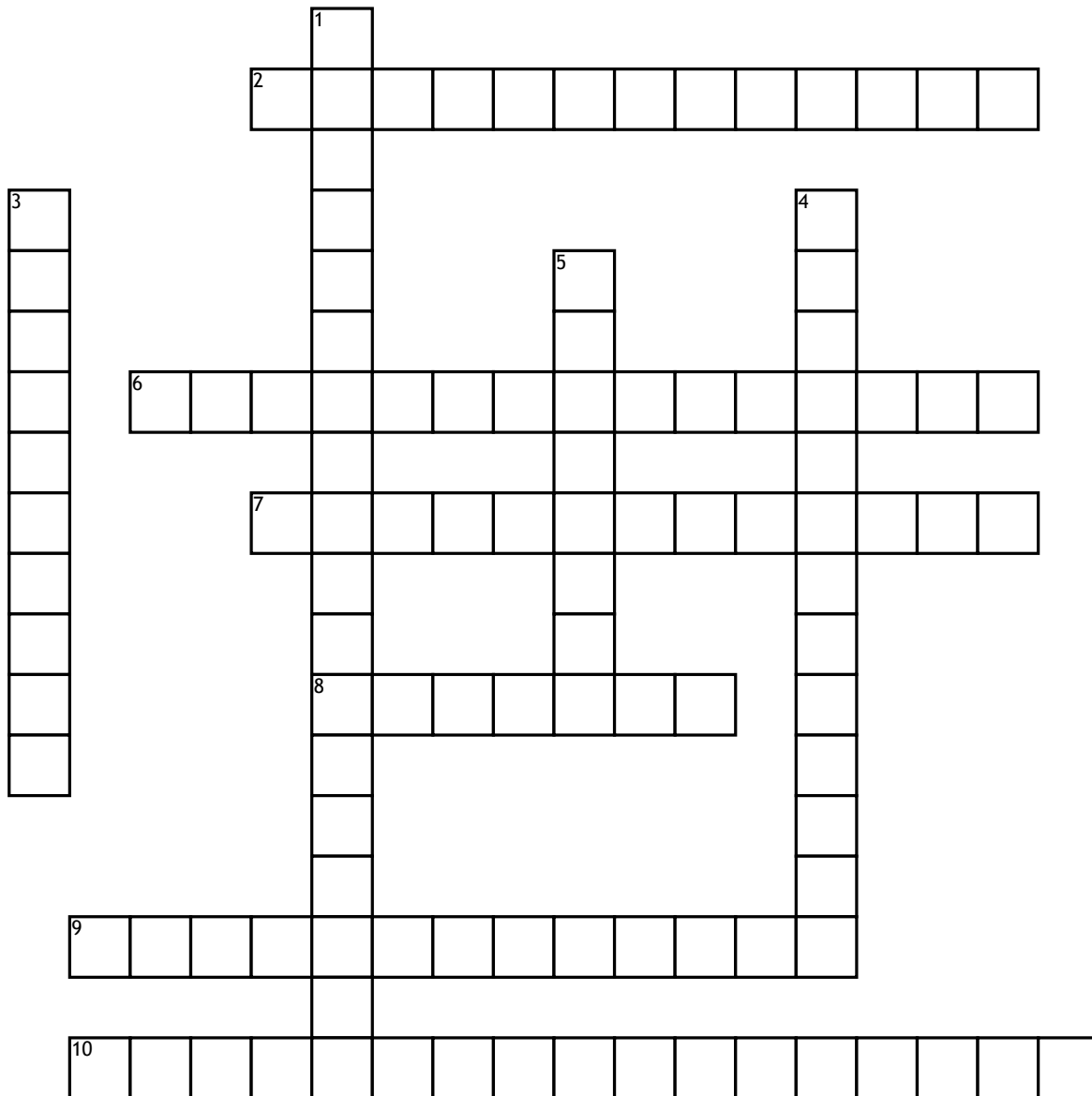


Name: _____ Date: _____ Period: _____

Electricity and Magnetism Vocabulary



Across

- 2. an electrical machine that converts electrical energy into mechanical energy
- 6. a circuit that is divided into two or more paths
- 7. an electric current flowing in one direction only
- 8. rate at which charges pass through a given point; measured in amperes
- 9. a closed circuit in which the current flows one path
- 10. a device that converts mechanical energy into electrical energy for use in an external circuit

Down

- 1. an electric current that reverses its direction many times a second at regular intervals
- 3. the opposition presented to current by material or device; measured in ohms
- 4. 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
- 5. potential difference between two points; measured in volts