

Name: _____

Date: _____

Sci - Unit 4 (Electromagnetism) Crossword Puzzle

Across

3. a device that converts mechanical energy to electrical energy for use in an external circuit

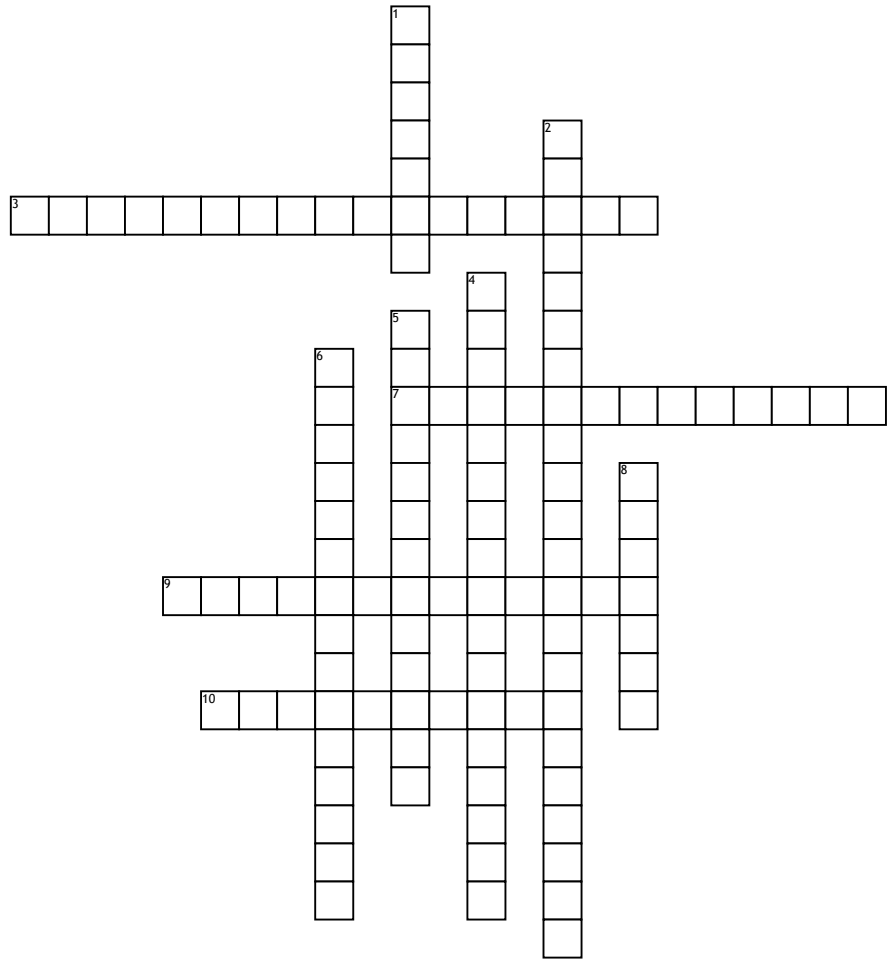
7. temporary magnets that lose their magnetism when an electric current is removed/a magnet produced by creating a magnetic field by conducting electric current through a wire wrapped around an iron core

9. a closed circuit in which the current follows one path

10. the opposition presented to current by material or device; measured in ohms

Down

1. rate at which charges pass through a given point, measured in amperes



2. an electric current that reverses its direction many times a second at regular intervals

4. an electric current flowing in one direction only

5. an electrical machine that converts electrical energy into mechanical Energy

6. a circuit that is divided into two or more paths

8. the potential difference between two points (measured in volts)