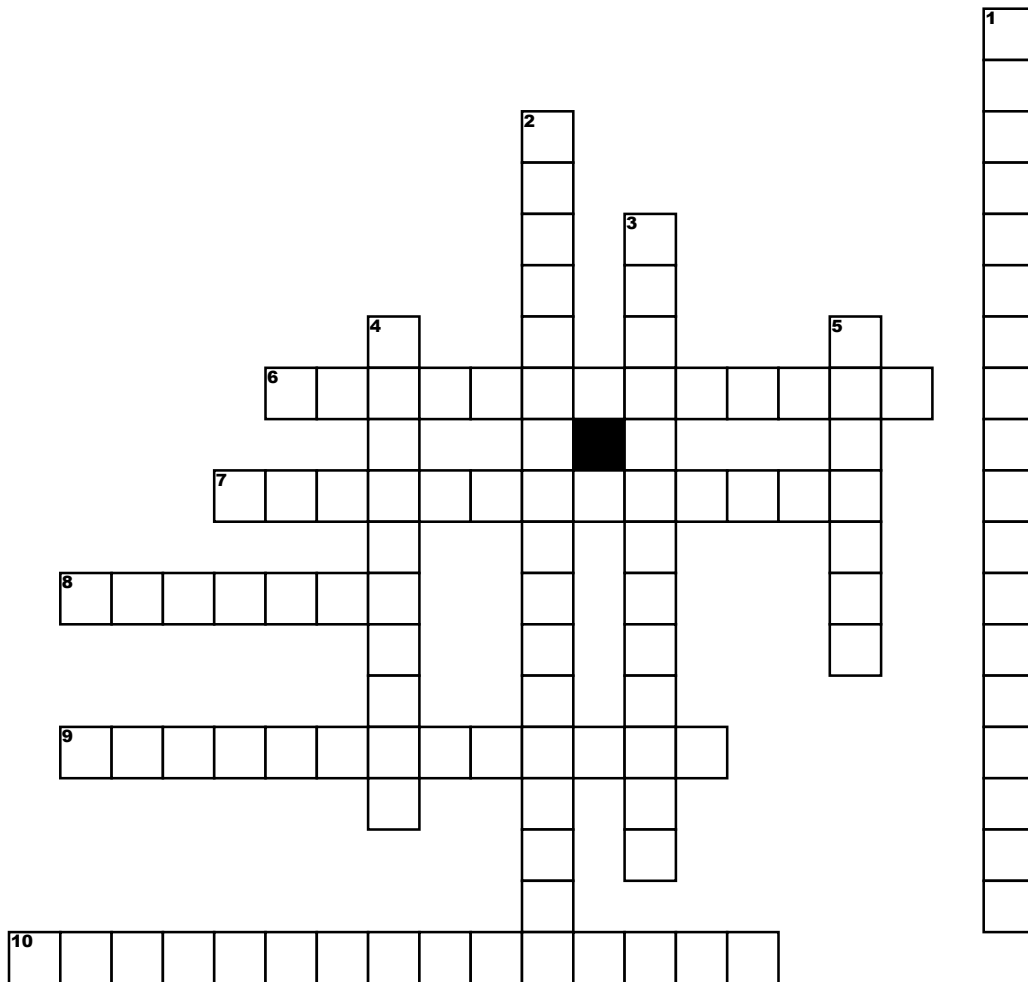


Name: _____ Date: _____ Period: _____

Unit 4 Crossword



Across

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

Down

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

Word Bank

electromagnet
electric motor
electric generator
resistance

parallel circuit
voltage
alternating current

series circuit
current
direct current