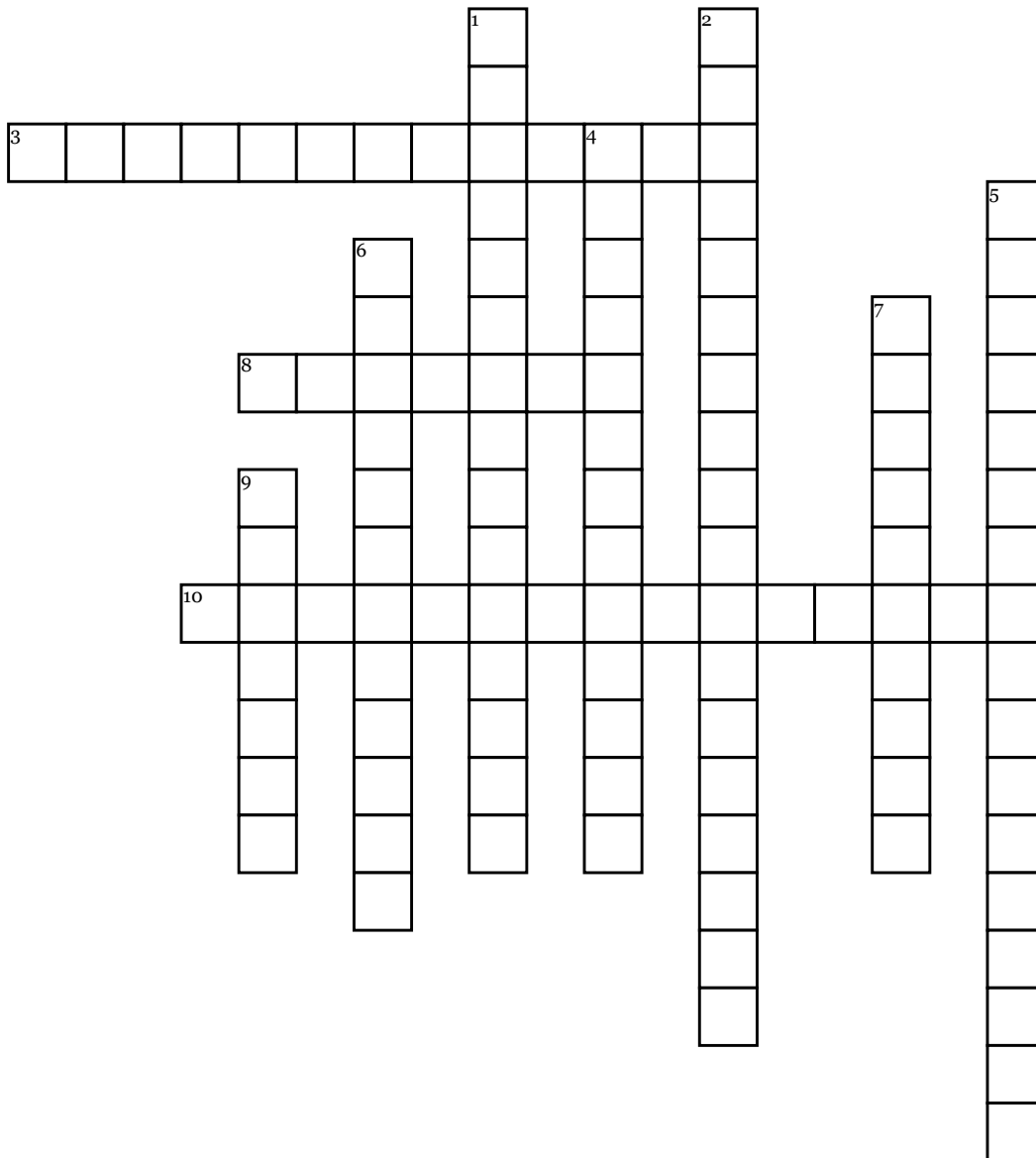


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Word search Unit 4:



## **Across**

**3.** An electric current flowing in only one direction.

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

**10.** 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.

## **Down**

**1.** A circuit that is divided into two or more paths.

**2.** An electric current that reverses it's direction many times a second at regular intervals.

**4.** An electrical machine that converts electrical energy into mechanical energy.

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

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

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

**9.** A potential difference between two points; measured in Volts.