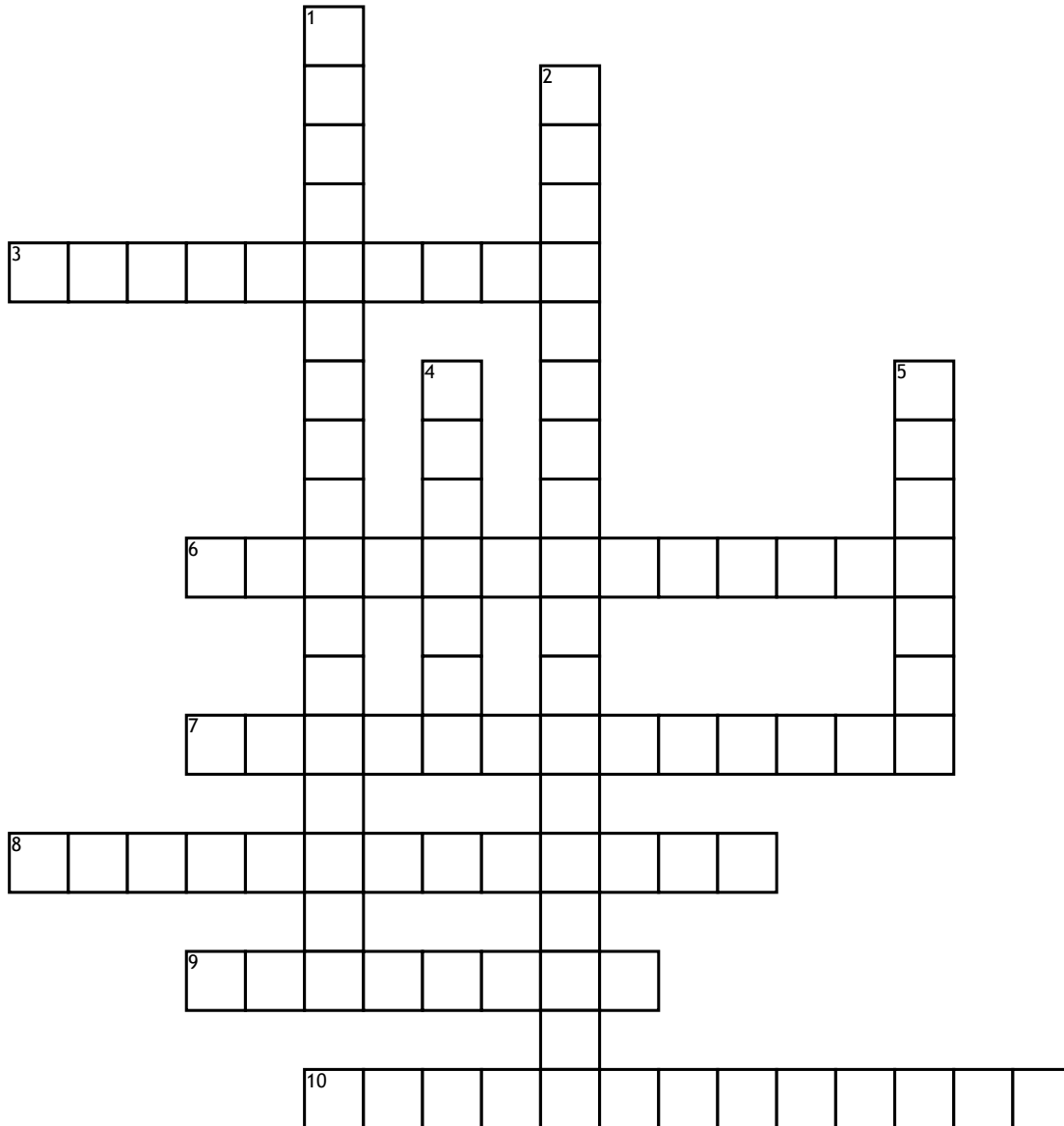


Name: \_\_\_\_\_

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

# Electromagnetism



## Across

3. The opposition presented to current by material or device; measured in ohms  
 6. An electrical machine that converts electrical energy into mechanical energy  
 7. A closed circuit in which the current follows one path  
 8. An electric current flowing in one direction only  
 9. A circuit that is divided into two or more paths

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 device that converts mechanical energy to electrical energy for use in an external circuit  
 2. An electric current that reverses its direction many times a second at regular intervals  
 4. Potential difference between two points; measured in volts  
 5. Rate at which charges pass through a given point; measured in amperes