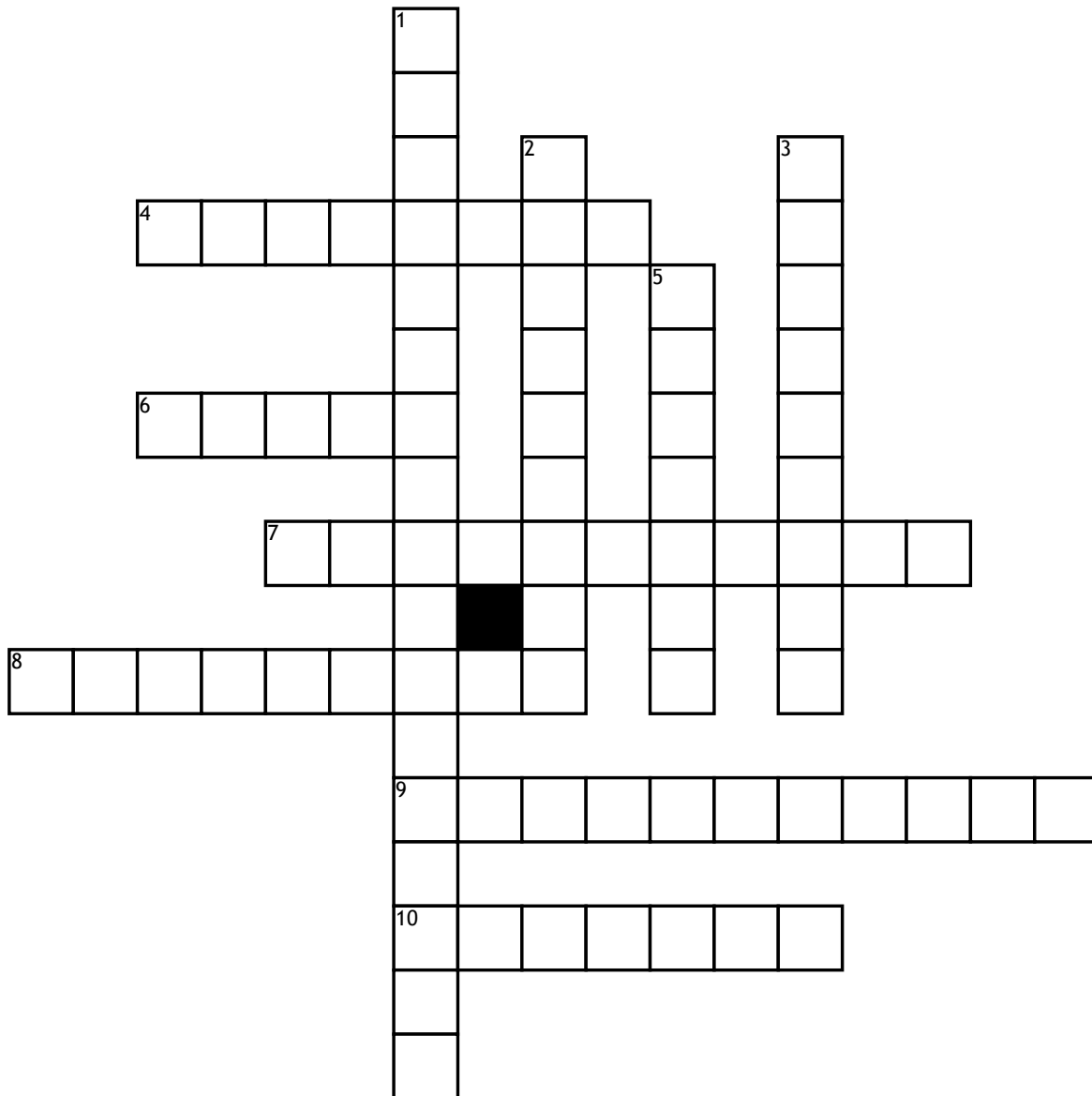


Name: \_\_\_\_\_

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

# Electricity and Magnetism



## Across

- 4. a negatively charged subatomic particle
- 6. any interaction that, when unopposed, will change the motion of an object.
- 7. . a form of energy resulting from the existence of charged particles
- 8. a substance or device that does not readily conduct electricity
- 9. scientist who discovered gravity and developed the three laws of motion
- 10. a property of matter by which it continues in its existing state of rest or uniform motion in a straight line, unless that state is changed by an external force.

## Down

- 1. a stationary electric charge, typically produced by friction, that causes sparks or crackling or the attraction of dust or hair.
- 2. a conductor is an object or type of material that allows the flow of an electrical current in one or more directions
- 3. a physical phenomenon produced by the motion of electric charge, resulting in attractive and repulsive forces between objects.
- 5. is the force by which a planet or other body draws objects toward its center.