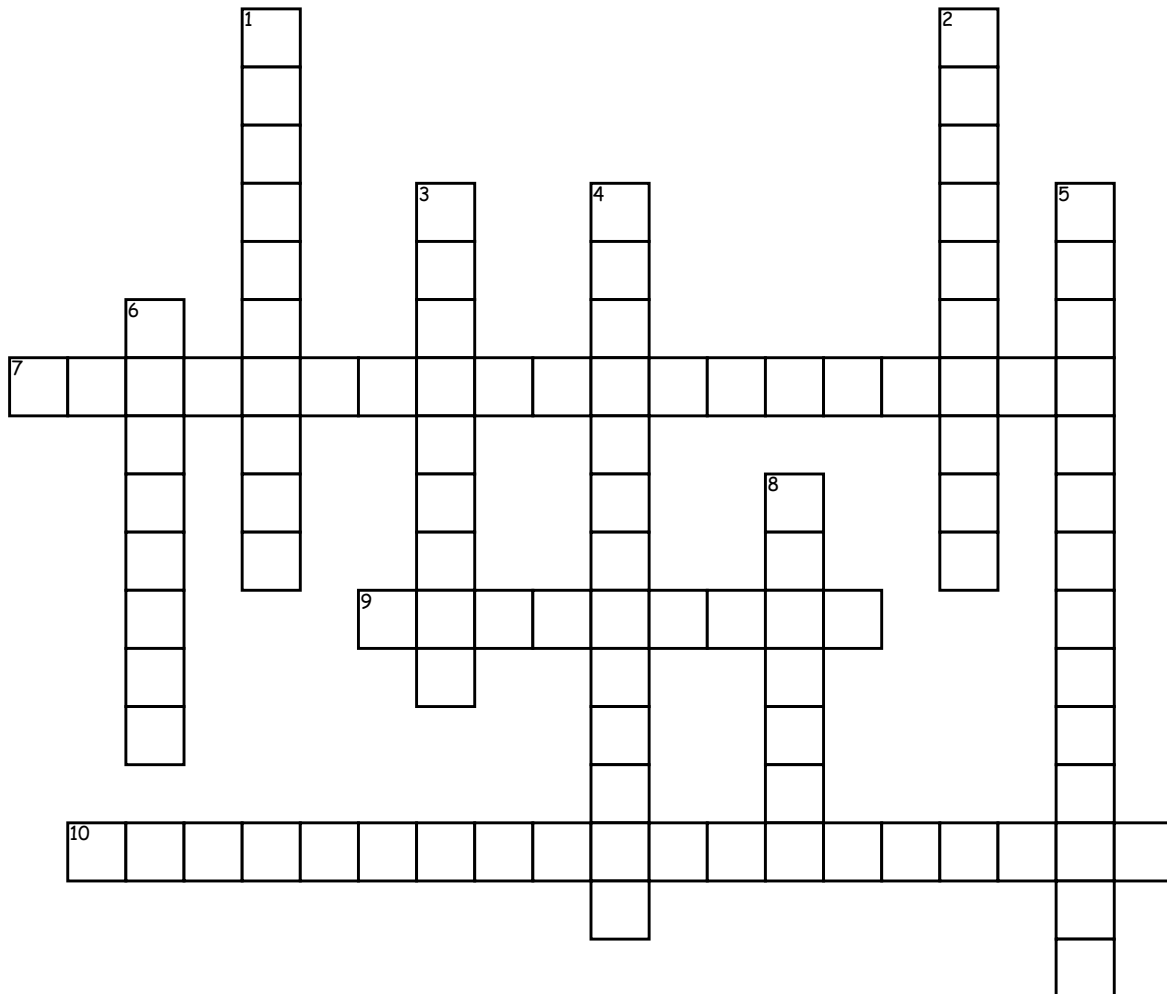


# Electric Forces and Fields



**Across**

7. A material in which charges can move freely

9. The process of charging a conductor by bringing it near another charged object and grounding the conductor

10. A material in which charges cannot move freely

**Down**

1. Materials in which electric charges move freely

2. Materials in which electric charges do not move freely

3. Negatively charged particles

4. A region where an electric force on a test charge can be detected

5. A scientist who wanted to determine the magnitude of the electric force between two charged objects

6. Neutral charged particles

8. Positively charged particles