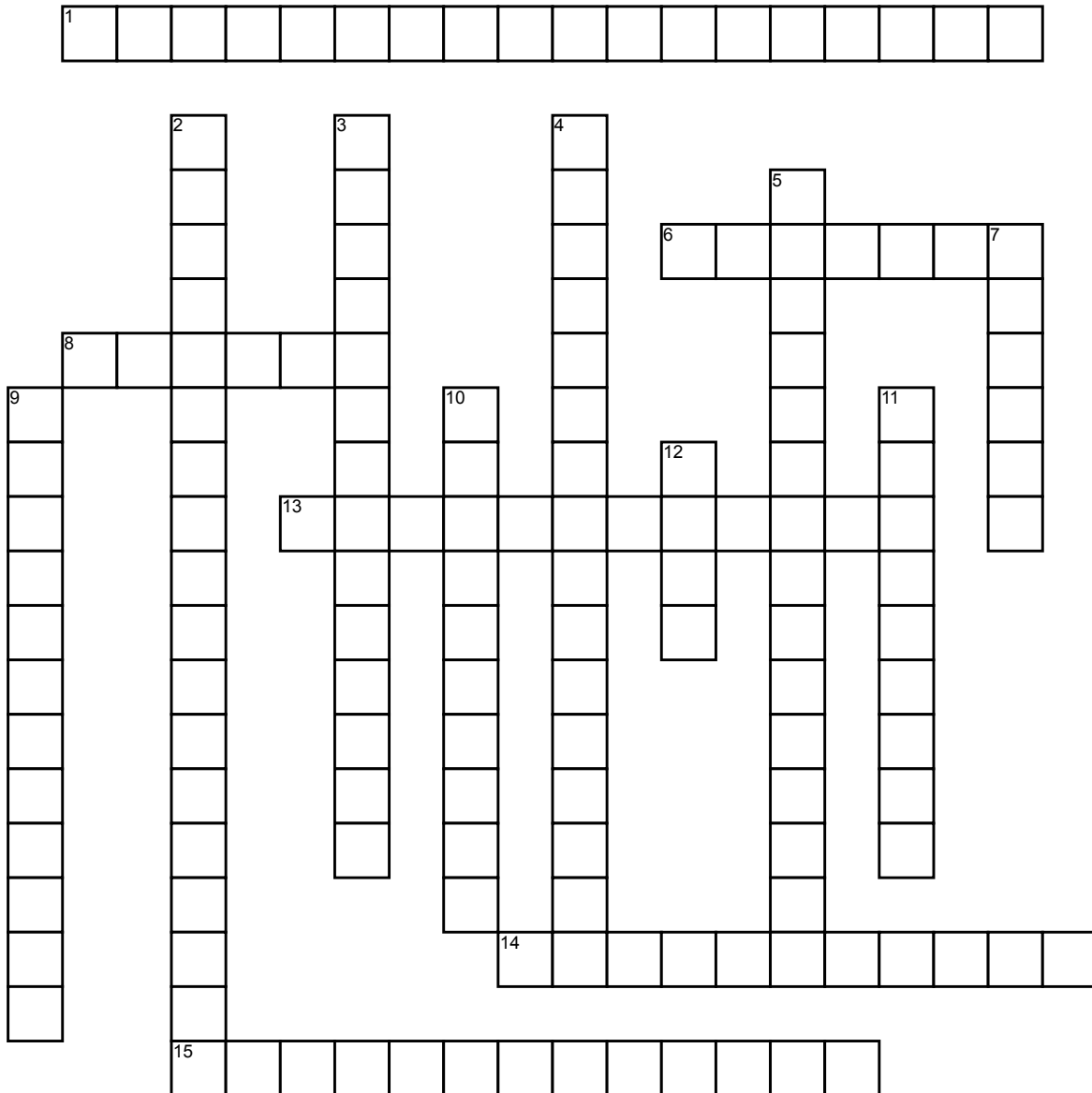


Name: _____

Physics Vocabulary



Across

- 1. Region of space surrounding a body in which another experiences a force of gravitational attraction
- 6. Electromotive force or potential difference
- 8. Force exerted on the mass of a body by a gravitational field
- 13. Rate of change of velocity per unit of time
- 14. Measure of the resisting power of a specified material to the flow of an electric current

- 15. Region around a charged particle; force would be exerted
- ## **Down**

- 2. National phenomenon by which all things with mass are brought toward one another
- 3. Physical property of matter that causes it to experience a force when placed in an electromagnetic field
- 4. Force that acts on a body moving in a circular path: directed toward the center
- 5. Flow of electric charge carried by electrons

- 7. Property of matter and radiation that is manifest as a capacity to perform work
- 9. Action of restricting the vibrations of a transverse wave, especially light; one direction
- 10. Non contact force acting on a particle at various positions in space
- 11. Transmits electricity, heat, and sound easily
- 12. Quantity of matter that a body contains, measured by its acceleration under a given force