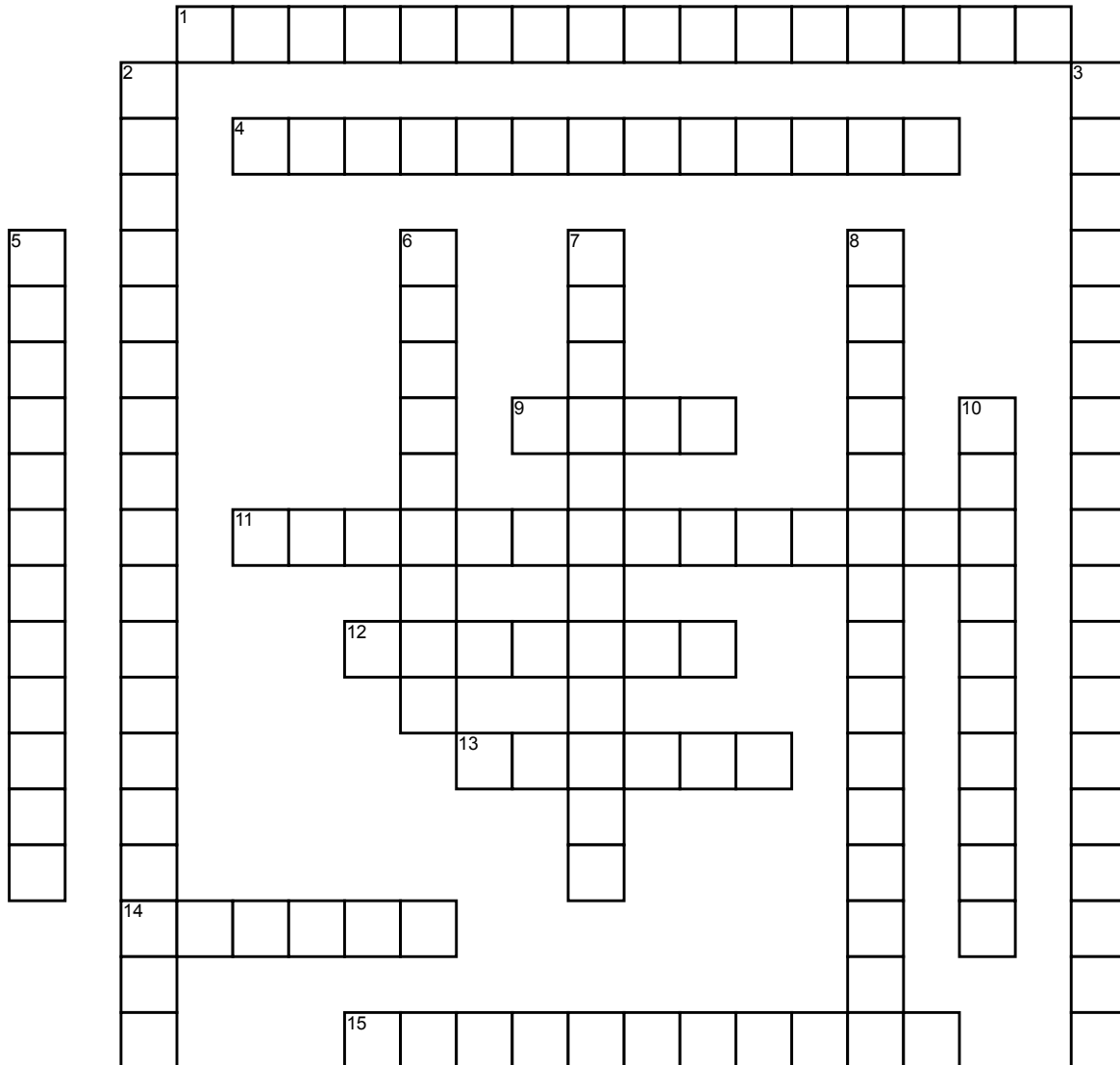


Quarter 3 Crossword



Across

- 1.** A force that acts on a body moving in a circular path and is directed toward the center around which the body is moving
- 4.** A region around a charged particle or object within which a force would be exerted on other charged particles or objects
- 9.** The quantity of matter in a body regardless of its volume or of any forces acting on it
- 11.** The physical property of matter that causes it to experience a force when placed in an electromagnetic field

- 12.** An electromotive force or potential difference expressed in volts
- 13.** The force exerted on a body by gravity
- 14.** The strength and vitality required for sustained physical or mental activity
- 15.** A fundamental property that quantifies how strongly a given material opposes the flow of electric current

Down

- 2.** The region of space surrounding a body in which another body experiences a force of gravitational attraction

- 3.** A force that attracts any objects with mass

- 5.** The rate of change of velocity per unit of time
- 6.** An object or type of material that allows the flow of an electrical current in one or more directions
- 7.** The action of restricting the vibrations of a transverse wave, especially light, wholly or partially to one direction
- 8.** The rate of change of velocity per unit of time
- 10.** A vector field that describes a non-contact force acting on a particle at various positions in space