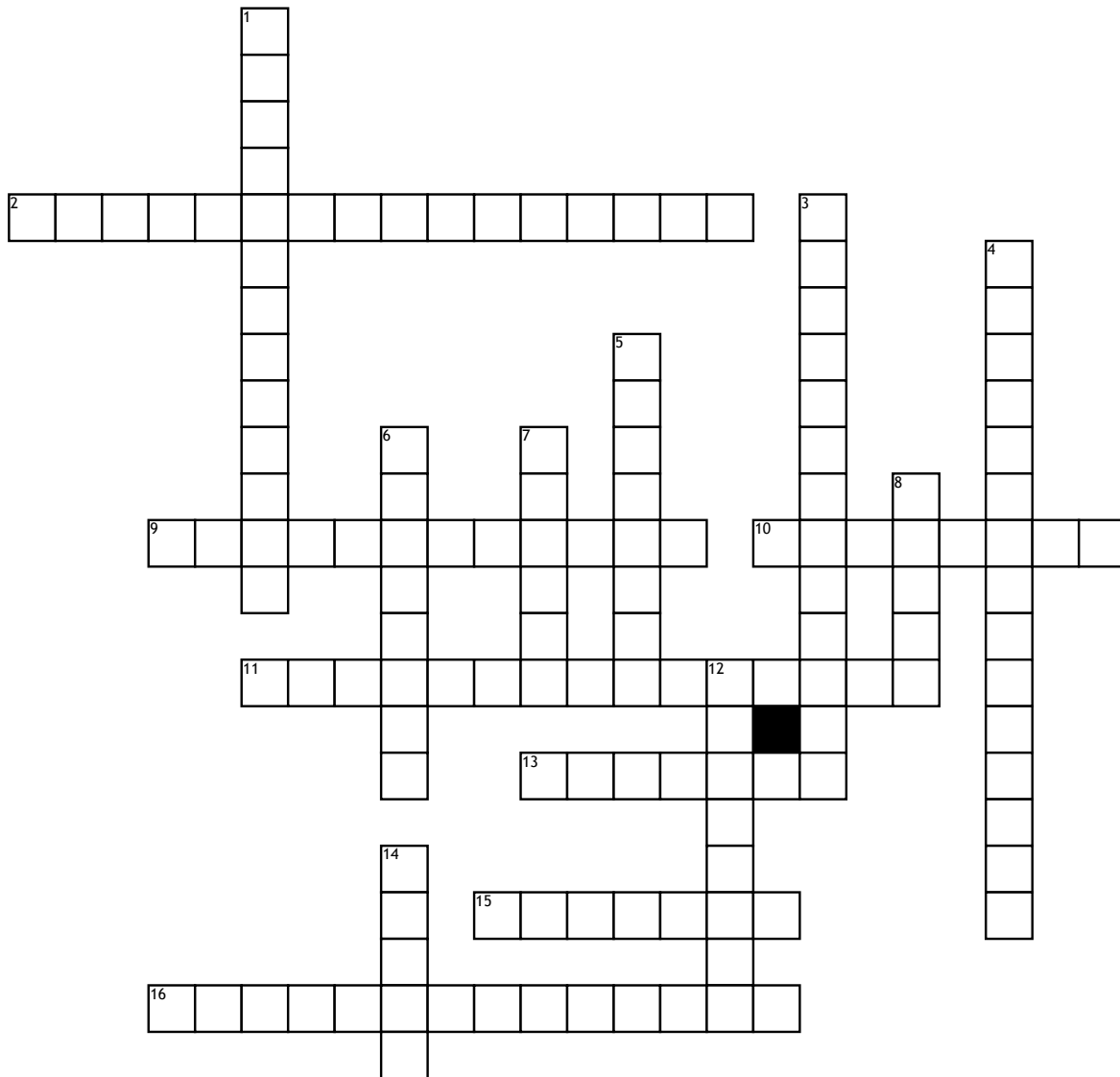


physics crossword



Across

- 2. the maximum speed possible while free falling
- 9. the rate in which the velocity changes
- 10. a speed in any direction
- 11. forces that produce a nonzero net force
- 13. the force that pulls objects towards each other
- 15. an object in motion stays in motion

- 16. a place of the object used for comparison to determine if something is in motion

Down

- 1. the equal force acting on an object in different directions.
- 3. the mechanical energy that a body has by virtue of its motion
- 4. the mechanical energy that a body has by virtue of its position

- 5. the overall force an object
- 6. when the only force acting on an object is gravity
- 7. the state in which one object's distance from another is changing.
- 8. push, or pull on an object
- 12. the force between two rubbing surfaces
- 14. the distance an object travels per unit of time