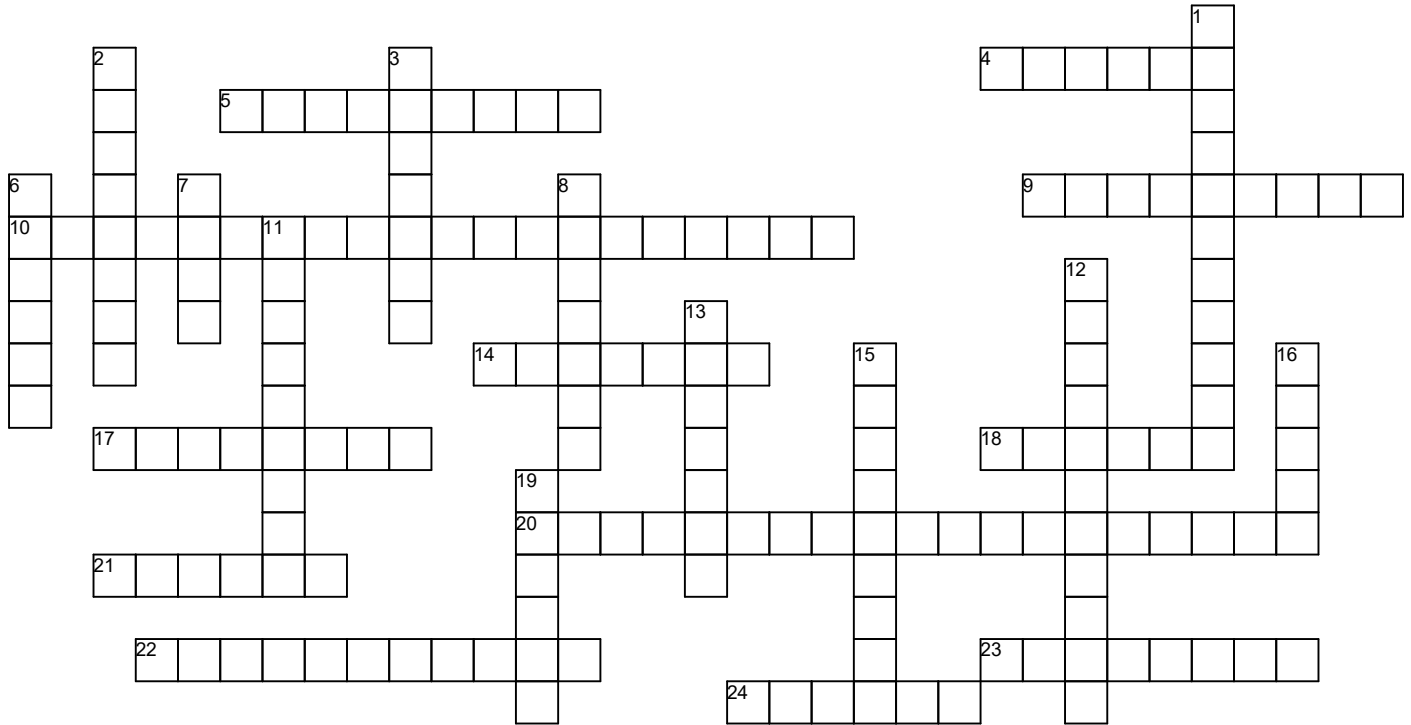


# Physics Terms Review Crossword Puzzle 1

1. Using the Across and Down clues, write the correct answer in the numbered grid below.



## ACROSS

4. Having no motion.
5. The reinforcement or prolongation of sound by reflection or by the synchronous vibration of a neighboring object.
9. The science of the origin and development of the universe.
10. The principle that it is impossible to know both the position and momentum of a particle with absolute precision.
14. A device that stores chemical energy and converts it to electrical energy.
17. The resistance to motion of one object moving relative to another.
18. A quantity possessing only magnitude.
20. A wave of electric and magnetic fields that propagates through space.
21. An object that produces a magnetic field.
22. Movement back and forth at a regular speed.
23. The force exerted per unit area.
24. A particle that mediates the weak nuclear force.

## DOWN

1. Scientist known for his contributions to quantum mechanics.
2. The speed of something in a given direction.
3. The resistance of any physical object to any change in its velocity.
6. The process of combining two nuclei to form a heavier nucleus.
7. A form of electromagnetic radiation.
8. Relating to or resulting from motion.
11. The maximum extent of a vibration or displacement.
12. Electromagnetic radiation with a wavelength shorter than that of visible light.
13. The force that attracts a body towards the center of the Earth.
15. The branch of physics dealing with motion and forces.
16. The unit of work or energy in the International System of Units.
19. Scientist who formulated the laws of motion.

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velocity

mechanics

pressure

inertia

friction

z boson

scalar

fusion

battery

oscillation

magnet

amplitude

Newton

kinetic

uncertainty principle

Schrodinger

joule

resonance

cosmology

electromagnetic wave

static

x-ray

ultraviolet

gravity