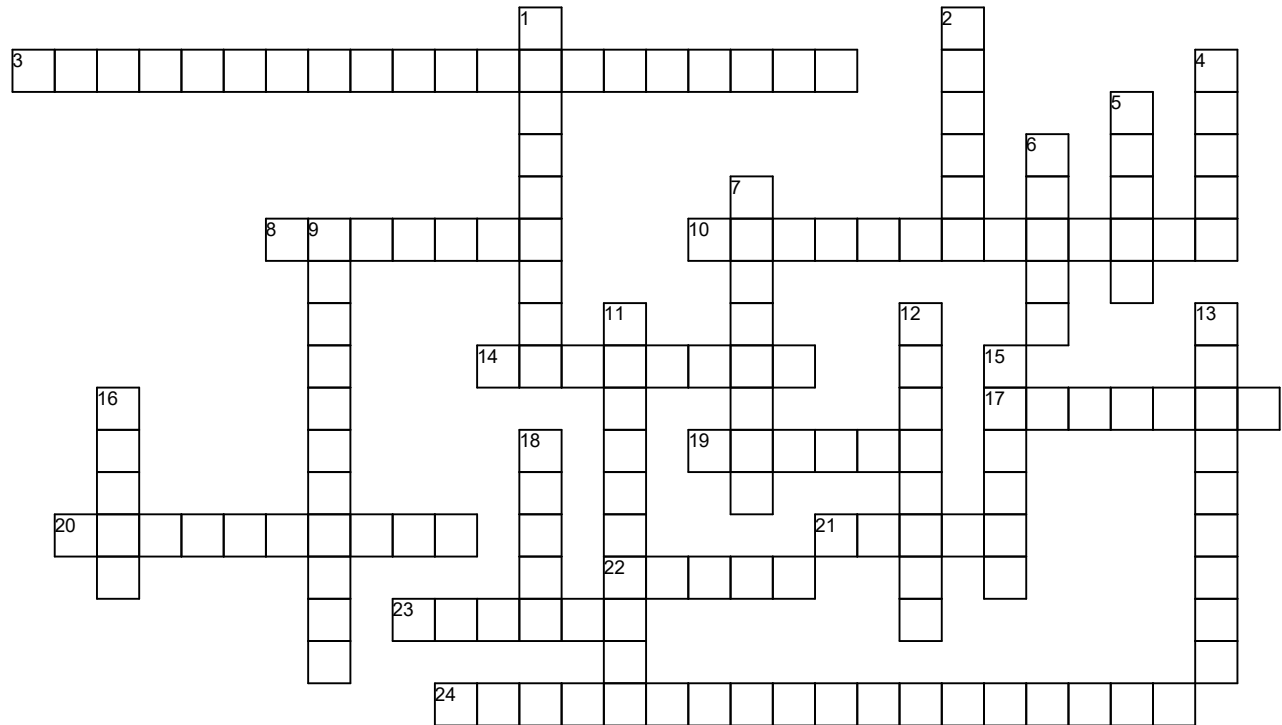


# Physics Terms Review Crossword Puzzle 10

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



## ACROSS

3. The principle that it is impossible to know both the position and momentum of a particle with absolute precision.
8. The electric potential difference between two points.
10. A material that has a conductivity between that of an insulator and that of most metals.
14. The study of the forces and motion of objects.
17. A measure of disorder in a system.
19. Having no motion.
20. The bending of a wave when it enters a medium where its speed is different.
21. An interaction that causes an object to change motion.
22. The unit of magnetic flux density.
23. The force exerted on a body by gravity.
24. A hypothetical single, all-encompassing framework that fully explains and links together all physical aspects of the universe.

## DOWN

1. The number of cycles per unit time.
2. Effect observed in the splitting of spectral lines in the presence of a magnetic field.
4. A device that emits light through a process of optical amplification.
5. The unit of frequency, equal to one cycle per second.
6. The unit of work or energy in the International System of Units.
7. The speed of something in a given direction.
9. Movement back and forth at a regular speed.
11. A type of matter hypothesized to account for a large part of the total mass in the universe.
12. The band of colors produced when sunlight is passed through a prism.
13. The maximum extent of a vibration or displacement.
15. Scientist known for his laws of planetary motion.
16. The rate at which work is done.
18. Scientist known for his double-slit experiment.

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laser

power

dynamics

weight

dark matter

entropy

static

tesla

refraction

amplitude

frequency

voltage

Young

joule

oscillation

Hertz

Zeeman

velocity

spectrum

theory of everything

force

uncertainty principle

Kepler

semiconductor