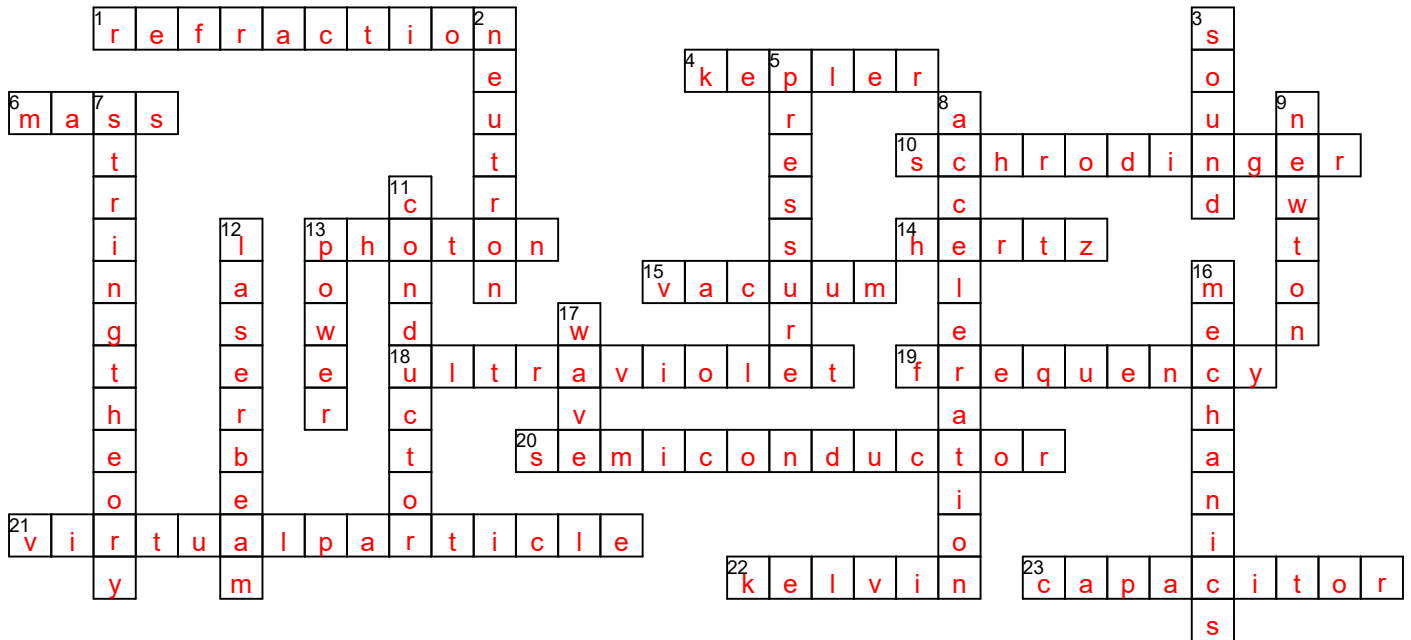


Physics Terms Review Crossword Puzzle 4

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



ACROSS

1. The bending of a wave when it enters a medium where its speed is different.
4. Scientist known for his laws of planetary motion.
6. The quantity of matter in a body.
10. Scientist known for his contributions to quantum mechanics.
13. A particle representing a quantum of light.
14. The unit of frequency, equal to one cycle per second.
15. A space devoid of matter.
18. Electromagnetic radiation with a wavelength shorter than that of visible light.
19. The number of cycles per unit time.
20. A material that has a conductivity between that of an insulator and that of most metals.
21. A particle that exists for a limited time during interactions between real particles.
22. The base unit of temperature in the International System of Units.
23. A device used to store an electric charge.

DOWN

2. A subatomic particle with no electric charge.
3. Vibrations that travel through the air or another medium and can be heard.
5. The force exerted per unit area.
7. A theoretical framework in which particles are one-dimensional objects.
8. The rate of change of velocity per unit of time.
9. Scientist who formulated the laws of motion.
11. A material that allows the flow of electrical current.
12. A narrow, focused beam of light produced by a laser.
13. The rate at which work is done.
16. The branch of physics dealing with motion and forces.
17. A disturbance that travels through a medium.

Schrodinger

mass

pressure

neutron

capacitor

conductor

frequency

laser beam

ultraviolet

sound

photon

string theory

vacuum

virtual particle

Kelvin

wave

Kepler

power

mechanics

Newton

refraction

acceleration

semiconductor

Hertz