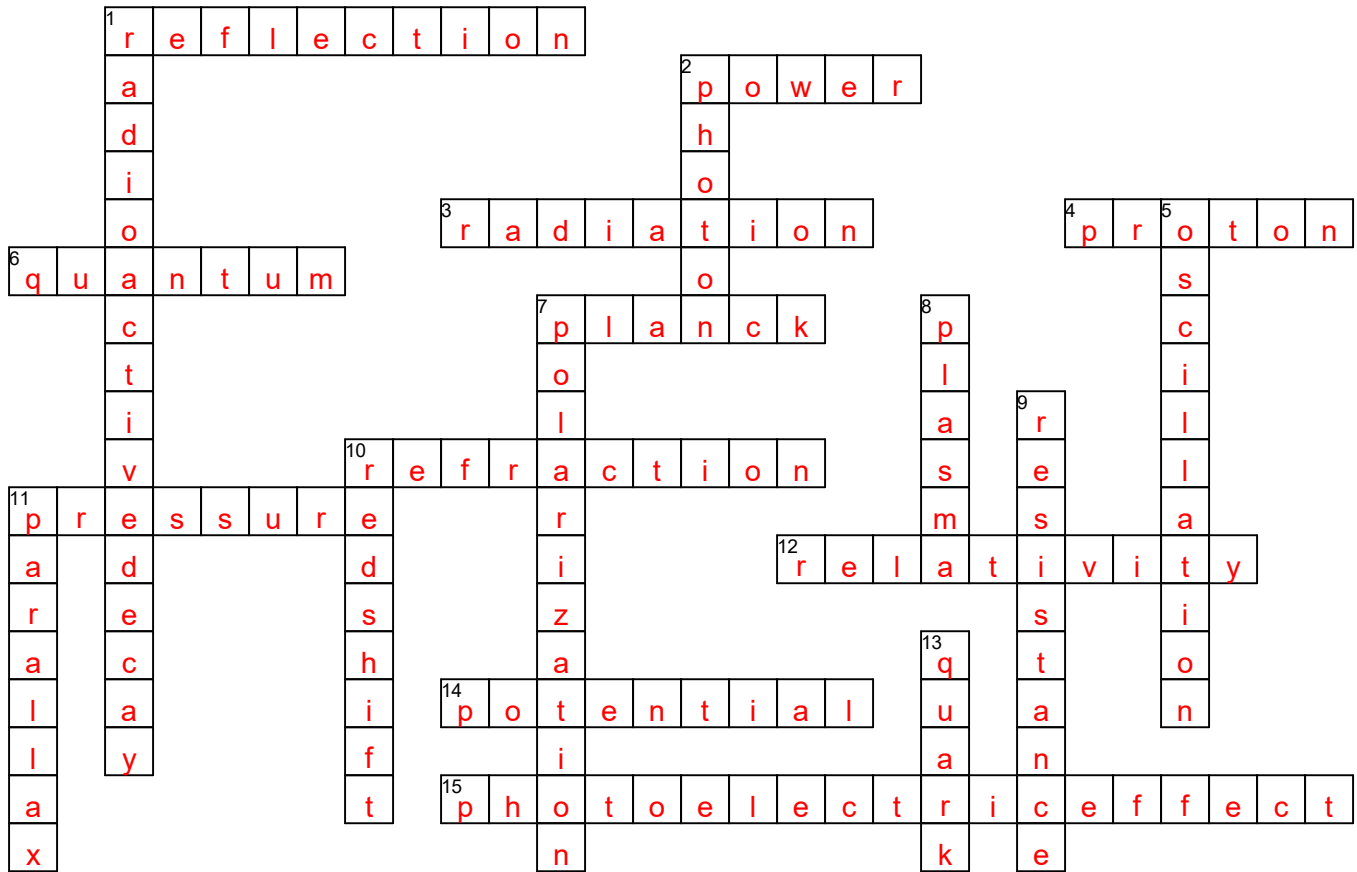


Physics Terms Crossword Puzzle 4-4

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



ACROSS

1. The return of light or sound waves from a surface.
2. The rate at which work is done.
3. The emission of energy as electromagnetic waves.
4. A subatomic particle with a positive charge.
6. The minimum amount of any physical entity involved in an interaction.
7. Scientist known for his quantum theory.
10. The bending of a wave when it enters a medium where its speed is different.
11. The force exerted per unit area.
12. The theory developed by Einstein explaining the relationships between space, time, and gravity.
14. The energy possessed by a body due to its position.
15. The emission of electrons when light shines on a material.

DOWN

1. The process by which an unstable atomic nucleus loses energy.
2. A particle representing a quantum of light.
5. Movement back and forth at a regular speed.
7. The orientation of the oscillations in a wave.
8. The fourth state of matter, consisting of ionized gas.
9. The opposition to the flow of electric current.
10. The phenomenon where the wavelength of light is stretched.
11. The apparent displacement of an object because of a change in the observer's point of view.
13. A type of elementary particle and a fundamental constituent of matter.

radiation

photoelectric effect

resistance

pressure

radioactive decay

parallax

plasma

redshift

power

oscillation

refraction

quark

potential

photon

proton

quantum

Planck

reflection

polarization

relativity