

Physics Terms Crossword Puzzle 4-1

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

ACROSS

1. The phenomenon where the wavelength of light is stretched.
2. The process by which an unstable atomic nucleus loses energy.
5. The theory developed by Einstein explaining the relationships between space, time, and gravity.
7. The force exerted per unit area.
9. The emission of electrons when light shines on a material.
11. Movement back and forth at a regular speed.
12. A particle representing a quantum of light.
14. Scientist known for his quantum theory.
15. The minimum amount of any physical entity involved in an interaction.
16. The emission of energy as electromagnetic waves.
17. The bending of a wave when it enters a medium where its speed is different.

DOWN

1. The opposition to the flow of electric current.
3. The orientation of the oscillations in a wave.
4. The fourth state of matter, consisting of ionized gas.
6. The rate at which work is done.
7. The energy possessed by a body due to its position.
8. The return of light or sound waves from a surface.
9. A subatomic particle with a positive charge.
10. 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.

oscillation

reflection

photon

radiation

potential

Planck

plasma

refraction

parallax

quantum

power

resistance

relativity

quark

pressure

polarization

photoelectric effect

radioactive decay

proton

redshift