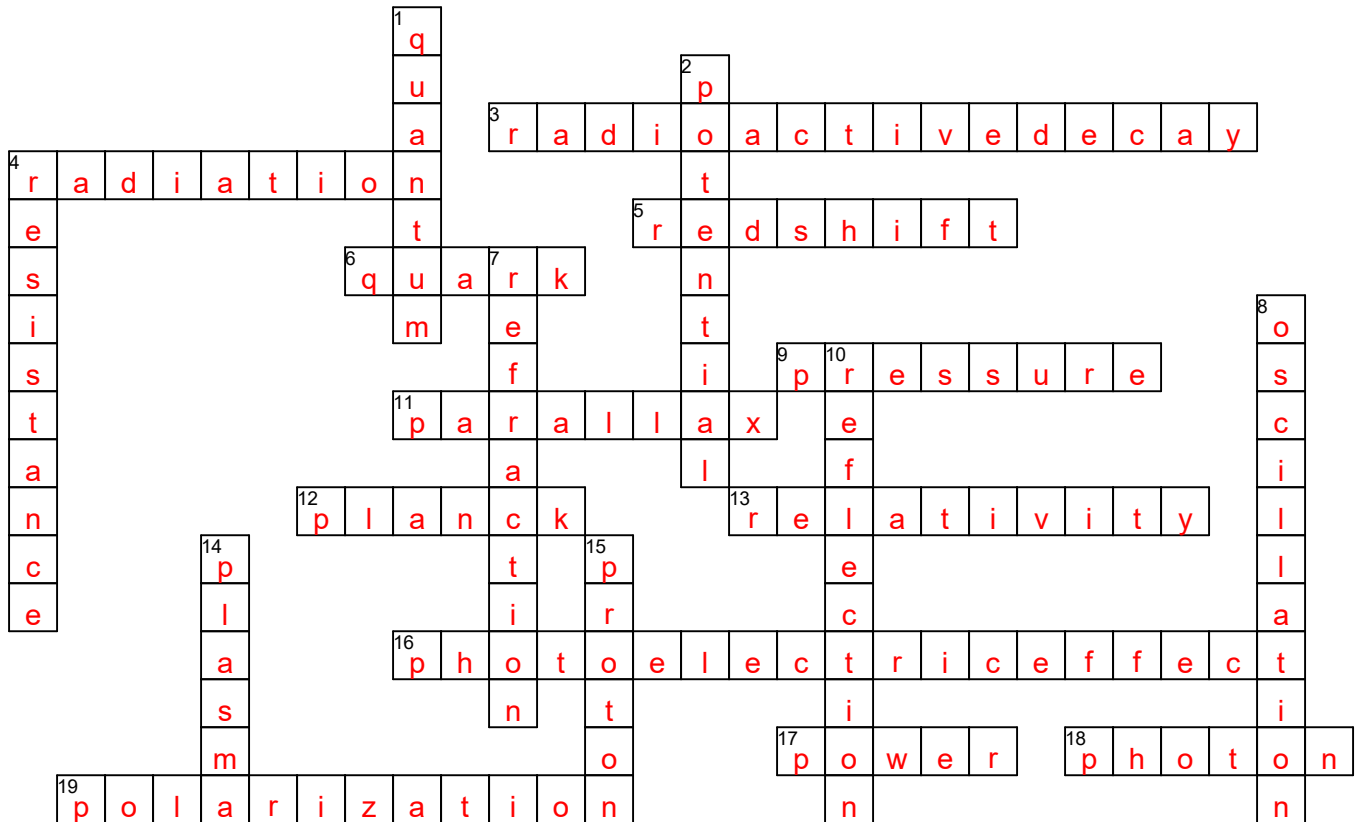


Physics Terms Crossword Puzzle 4-2

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



ACROSS

3. The process by which an unstable atomic nucleus loses energy.
4. The emission of energy as electromagnetic waves.
5. The phenomenon where the wavelength of light is stretched.
6. A type of elementary particle and a fundamental constituent of matter.
9. The force exerted per unit area.
11. The apparent displacement of an object because of a change in the observer's point of view.
12. Scientist known for his quantum theory.
13. The theory developed by Einstein explaining the relationships between space, time, and gravity.
16. The emission of electrons when light shines on a material.
17. The rate at which work is done.
18. A particle representing a quantum of light.
19. The orientation of the oscillations in a wave.

DOWN

1. The minimum amount of any physical entity involved in an interaction.
2. The energy possessed by a body due to its position.
4. The opposition to the flow of electric current.
7. The bending of a wave when it enters a medium where its speed is different.
8. Movement back and forth at a regular speed.
10. The return of light or sound waves from a surface.
14. The fourth state of matter, consisting of ionized gas.
15. A subatomic particle with a positive charge.

resistance

pressure

quantum

power

photon

polarization

radiation

oscillation

refraction

relativity

plasma

proton

Planck

parallax

quark

photoelectric effect

reflection

radioactive decay

redshift

potential