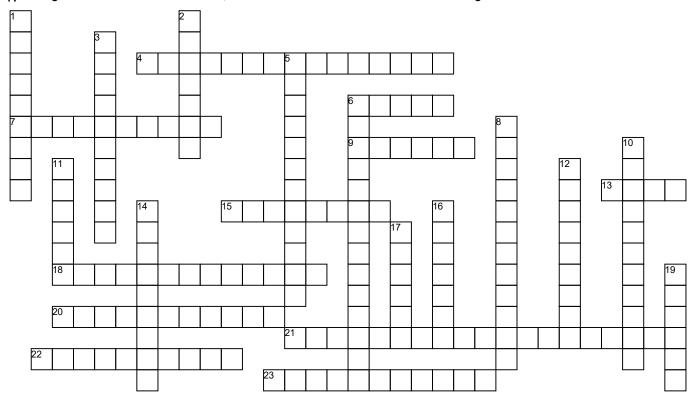
Physics Terms Review Crossword Puzzle 7

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



ACROSS

- 4. A particle that exists for a limited time during interactions between real particles.
- 6. The rate at which someone or something moves.
- 7. A semiconductor device used to amplify or switch electronic signals.
- 9. The fourth state of matter, consisting of ionized gas.
- 13. The unit of power in the International System of Units.
- 15. The study of the forces and motion of objects.
- 18. The process of combining nuclei to form a heavier nucleus.
- 20. The set of physical phenomena associated with the presence and motion of electric charge.
- 21. The emission of electrons when light shines on a material.
- 22. A type of matter hypothesized to account for a large part of the total mass in the universe.
- 23. The bending of waves around obstacles.

DOWN

- 1. The maximum extent of a vibration or displacement.
- 2. A particle, such as a proton or neutron, that follows Fermi-Dirac statistics.
- 3. The opposition to the flow of electric current.
- 5. The orientation of the oscillations in a wave.
- 6. A material that can conduct electricity without resistance.
- 8. A theoretical framework in which particles are one-dimensional objects.
- 10. A device that transfers electrical energy between two or more circuits.
- 11. Effect observed in the splitting of spectral lines in the presence of a magnetic field.
- 12. The four-dimensional continuum of space and time in which events occur.
- 14. The energy possessed by a body due to its position.
- 16. The negatively charged electrode.
- 17. A twisting force that tends to cause rotation.
- 19. Having no motion.

diffraction transistor watt

polarization Zeeman nuclear fusion

string theory virtual particle transformer

resistance dynamics static

torque plasma amplitude

speed fermion space-time

dark matter potential photoelectric effect

superconductor cathode electricity