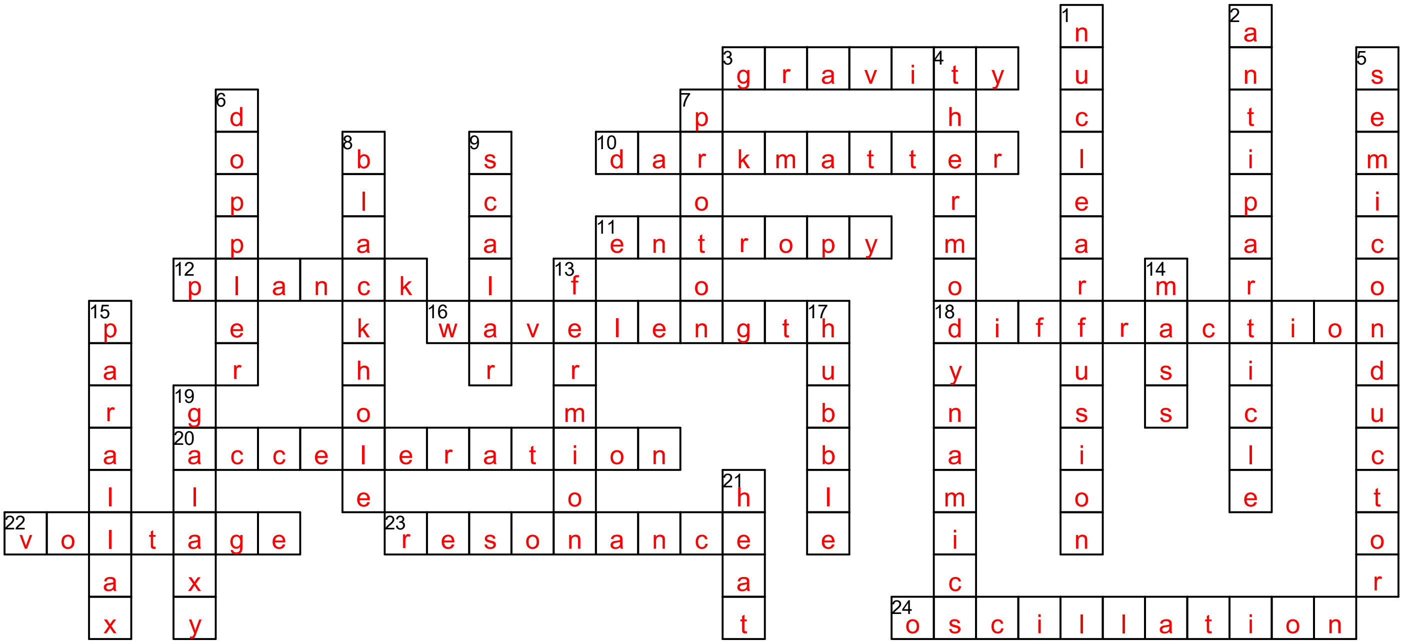
Physics Terms Review Crossword Puzzle 9

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


1 nuclearfusion
2 antiparticle
3 gravity
4 thermodynamic
5 semiconductor
6 doppler
7 proton
8 blackhole
9 scalar
10 darkmatter
11 entropy
12 planck
13 fermion
14 mass
15 parallax
16 wavelength
17 hubble
18 diffraction
19 galaxy
20 acceleration
21 heat
22 voltage
23 resonance
24 oscillation

ACROSS

3. The force that attracts a body towards the center of the Earth.
10. A type of matter hypothesized to account for a large part of the total mass in the universe.
11. A measure of disorder in a system.
12. Scientist known for his quantum theory.
16. The distance between successive crests of a wave.
18. The bending of waves around obstacles.
20. The rate of change of velocity per unit of time.
22. The electric potential difference between two points.
23. The reinforcement or prolongation of sound by reflection or by the synchronous vibration of a neighboring object.
24. Movement back and forth at a regular speed.

DOWN

1. The process of combining nuclei to form a heavier nucleus.
2. A subatomic particle having the same mass as a given particle but opposite electric or magnetic properties.
4. The branch of physical science that deals with the relations between heat and other forms of energy.
5. A material that has a conductivity between that of an insulator and that of most metals.
6. Effect observed when the source of a wave moves relative to an observer.
7. A subatomic particle with a positive charge.
8. A region of space having a gravitational field so intense that no matter or radiation can escape.
9. A quantity possessing only magnitude.
13. A particle, such as a proton or neutron, that follows Fermi-Dirac statistics.
14. The quantity of matter in a body.
15. The apparent displacement of an object because of a change in the observer's point of view.
17. Scientist known for his discovery of the expansion of the universe.
19. A system of millions or billions of stars.
21. The transfer of thermal energy.

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