

Physics Terms Study Sheet 2

1. dynamics The study of the forces and motion of objects.
2. electricity The set of physical phenomena associated with the presence and motion of electric charge.
3. electromagnetic wave A wave of electric and magnetic fields that propagates through space.
4. electromagnet A type of magnet in which the magnetic field is produced by an electric current.
5. electron A subatomic particle with a negative charge.
6. energy The capacity to do work.
7. entropy A measure of disorder in a system.
8. event horizon The boundary of a black hole beyond which no radiation or matter can escape.
9. fermion A particle, such as a proton or neutron, that follows Fermi-Dirac statistics.
10. force An interaction that causes an object to change motion.
11. frequency The number of cycles per unit time.
12. friction The resistance to motion of one object moving relative to another.
13. fusion The process of combining two nuclei to form a heavier nucleus.
14. galaxy A system of millions or billions of stars.
15. Geiger counter A device for measuring radioactivity.
16. graviton A hypothetical quantum of gravitational energy.
17. gravity The force that attracts a body towards the center of the Earth.
18. heat The transfer of thermal energy.
19. Hertz The unit of frequency, equal to one cycle per second.
20. Hubble Scientist known for his discovery of the expansion of the universe.