

Chemistry Terms Study Sheet 4

1. metallic Type of bond found in metals, involving a sea of electrons.
2. methane A potent greenhouse gas produced by livestock and decay of organic matter.
3. mixture A combination of two or more substances that are not chemically combined.
4. molarity The number of moles of solute per liter of solution.
5. mole The unit for amount of substance, containing Avogadro's number of particles.
6. molecule Two or more atoms bonded together.
7. monomer The small building block that makes up polymers.
8. neutron A neutral particle in an atom's nucleus.
9. neutron star A dense celestial object composed mainly of neutrons.
10. nonrenewable Resources that cannot be replenished in a short period of time.
11. nuclear energy Energy released during nuclear reactions.
12. oxidation The loss of electrons in a reaction.
13. ozone A molecule composed of three oxygen atoms, important in the atmosphere.
14. periodic table A chart of the elements arranged by atomic number.
15. pH A measure of how acidic or basic a solution is.
16. pH scale A measure of acidity or alkalinity of a solution.
17. photosynthesis The process by which plants convert sunlight into chemical energy.
18. plasma A state of matter similar to gas but consisting of charged particles.
19. plastic A type of synthetic polymer.
20. polymer A large molecule made up of repeating units.
21. precipitate A solid that forms and settles out of a liquid mixture.
22. products The substances formed in a chemical reaction.