

Chemistry Terms Study Sheet 5

1. proton A positively charged particle in an atom's nucleus.
2. radioactivity The emission of particles or energy from unstable nuclei.
3. reactants The starting substances in a chemical reaction.
4. reduction The gain of electrons in a reaction.
5. renewable Resources that can be replenished naturally.
6. respiration The process by which cells convert glucose and oxygen into energy.
7. redox A type of reaction involving the transfer of electrons.
8. solid A state of matter with a definite shape and volume.
9. solubility The ability of a substance to dissolve in a solvent.
10. solute The substance that is dissolved in a solution.
11. solution A homogeneous mixture of two or more substances.
12. solvent The substance that dissolves the solute in a solution.
13. stoichiometry The calculation of reactants and products in chemical reactions.
14. sublimation The process where a solid changes directly into a gas.
15. suspension A mixture in which particles are dispersed throughout the bulk of a fluid.
16. synthesis A chemical reaction in which two or more substances combine to form a new compound.
17. thermodynamics The study of energy changes in chemical reactions.
18. titration A technique to determine the concentration of a substance in a solution.
19. valence The outermost electrons of an atom.
20. van der Waals Weak intermolecular forces between molecules.
21. voltaic Another name for a galvanic cell.
22. wind energy Energy harnessed from the wind.