

Chemistry Terms Study Sheet 3

1. fission The splitting of a nucleus into smaller parts.
2. formula A representation of the elements in a compound.
3. fossil fuel Nonrenewable energy sources like coal, oil, and natural gas.
4. freezing The process where a liquid changes into a solid.
5. fusion The combining of nuclei to form a heavier nucleus.
6. galvanic A type of electrochemical cell that generates electrical energy.
7. gas A state of matter with no fixed shape or volume.
8. geothermal Energy derived from the heat within the earth.
9. greenhouse gas Gases that trap heat in the atmosphere.
10. half-life The time it takes for half of a radioactive substance to decay.
11. hydrogen bond A strong type of intermolecular force involving hydrogen.
12. hydrolysis A chemical reaction involving water.
13. indicator A substance that changes color to indicate the presence of an acid or base.
14. intermolecular Forces between molecules.
15. intramolecular Forces within a molecule.
16. ion An atom or molecule with a net electric charge.
17. ionic Type of bond where atoms transfer electrons.
18. isotope Atoms of the same element with different numbers of neutrons.
19. kinetics The study of the rate of chemical reactions.
20. lattice A regular arrangement of particles in a crystalline solid.
21. liquid A state of matter with a definite volume but no fixed shape.
22. melting The process where a solid changes into a liquid.