

Chemistry Terms Crossword Puzzle 2-4

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

ACROSS

1. A reaction that releases energy.
3. A reaction that absorbs energy.
7. A molecule with two poles of opposite charge.
9. The spreading of particles from an area of higher concentration to an area of lower concentration.
13. A process used to separate solids from liquids using a filter.
14. The gradual destruction of metals by chemical reactions with the environment.
15. A substance that cannot be broken down into simpler substances.
16. The process where a gas changes directly into a solid.
17. Type of bond where atoms share electrons.
18. A statement that shows the equality of two expressions.
19. The process of coating a metal object with a thin layer of another metal using electrolysis.
20. A chemical reaction where a single compound breaks down into simpler substances.
21. The chemical breakdown of a substance by bacteria, yeasts, or other microorganisms.

DOWN

1. A process that uses electricity to drive a chemical reaction.
2. A substance that conducts electricity when dissolved in water.
4. Adding more solvent to decrease the concentration of a solution.
5. The state where the rates of the forward and reverse reactions are equal.
6. The amount of solute in a given amount of solvent.
8. The process of mixing two immiscible liquids.
10. The process where a gas changes into a liquid.
11. A negatively charged particle orbiting the nucleus.
12. A process used to separate mixtures based on differences in boiling points.

electroplating

electron

dilution

element

exothermic

concentration

condensation

endothermic

equilibrium

electrolyte

decomposition

corrosion

deposition

diffusion

filtration

covalent

emulsification

distillation

equation

fermentation

dipole

electrolysis