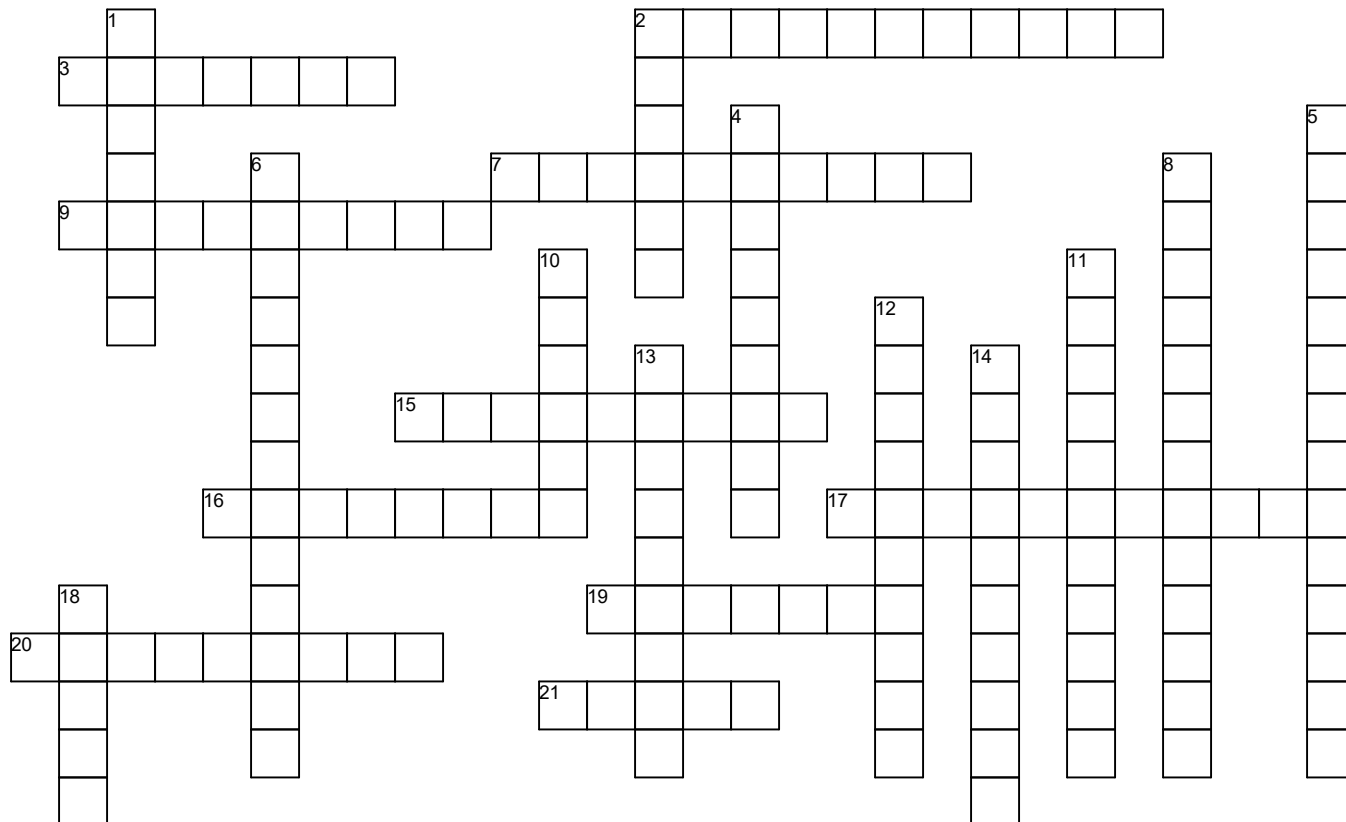


Chemistry Terms Crossword Puzzle 5-1

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



ACROSS

2. The process where a solid changes directly into a gas.
3. Another name for a galvanic cell.
7. The ability of a substance to dissolve in a solvent.
9. The starting substances in a chemical reaction.
15. A chemical reaction in which two or more substances combine to form a new compound.
16. A homogeneous mixture of two or more substances.
17. The process by which cells convert glucose and oxygen into energy.
19. The outermost electrons of an atom.
20. The gain of electrons in a reaction.
21. A state of matter with a definite shape and volume.

DOWN

1. The substance that dissolves the solute in a solution.
2. The substance that is dissolved in a solution.
4. A technique to determine the concentration of a substance in a solution.
5. The study of energy changes in chemical reactions.
6. The calculation of reactants and products in chemical reactions.
8. The emission of particles or energy from unstable nuclei.
10. A positively charged particle in an atom's nucleus.
11. Weak intermolecular forces between molecules.
12. Energy harnessed from the wind.
13. Resources that can be replenished naturally.
14. A mixture in which particles are dispersed throughout the bulk of a fluid.
18. A type of reaction involving the transfer of electrons.

redox

sublimation

solubility

van der Waals

valence

titration

solution

reduction

solvent

renewable

wind energy

solute

reactants

thermodynamics

voltaic

respiration

radioactivity

solid

proton

suspension

synthesis

stoichiometry