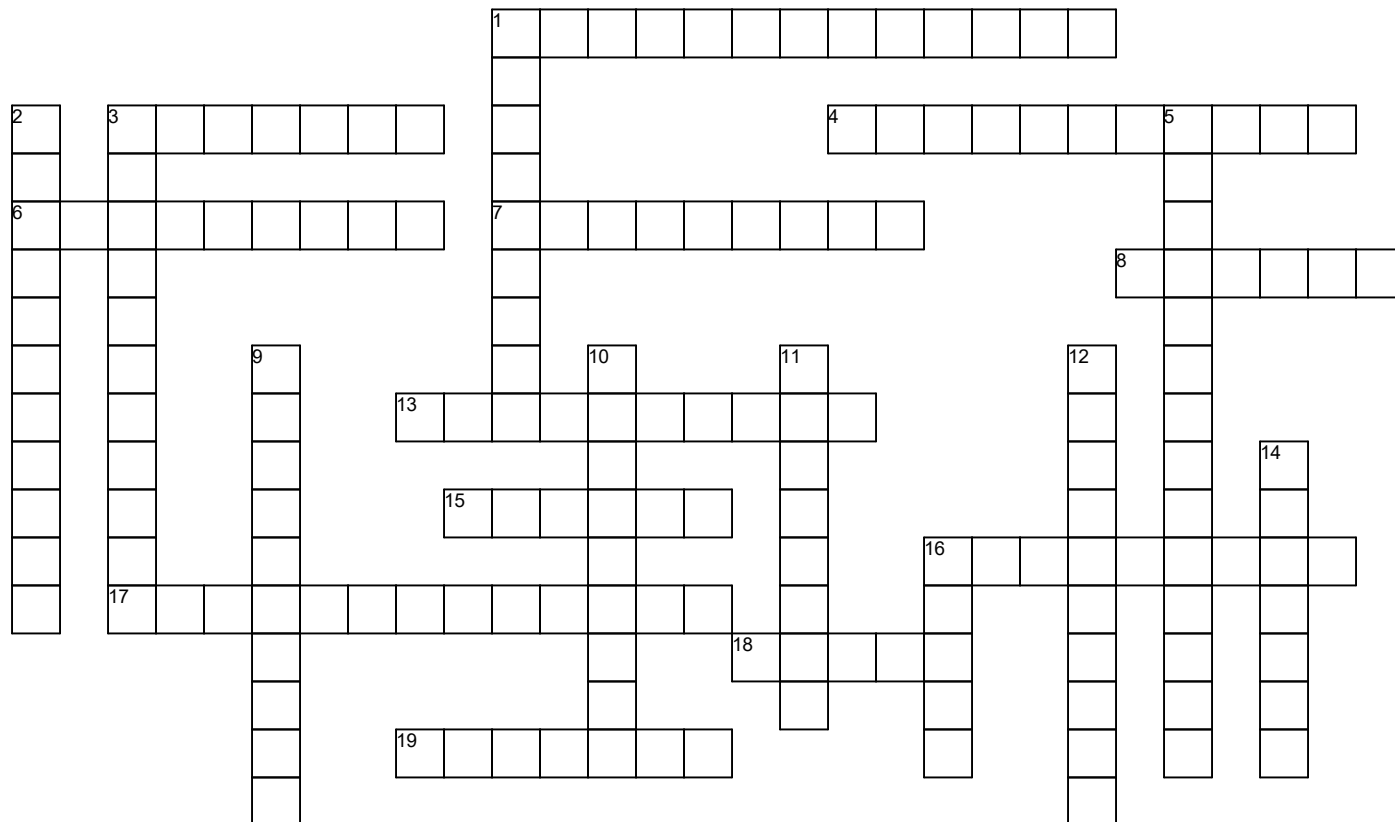


# Chemistry Terms Crossword Puzzle 5-4

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



## ACROSS

1. The emission of particles or energy from unstable nuclei.
3. Another name for a galvanic cell.
4. The process where a solid changes directly into a gas.
6. A chemical reaction in which two or more substances combine to form a new compound.
7. A technique to determine the concentration of a substance in a solution.
8. A positively charged particle in an atom's nucleus.
13. A mixture in which particles are dispersed throughout the bulk of a fluid.
15. The substance that is dissolved in a solution.
16. Resources that can be replenished naturally.
17. The calculation of reactants and products in chemical reactions.
18. A state of matter with a definite shape and volume.
19. The outermost electrons of an atom.

## DOWN

1. The starting substances in a chemical reaction.
2. The process by which cells convert glucose and oxygen into energy.
3. Weak intermolecular forces between molecules.
5. The study of energy changes in chemical reactions.
9. The ability of a substance to dissolve in a solvent.
10. The gain of electrons in a reaction.
11. A homogeneous mixture of two or more substances.
12. Energy harnessed from the wind.
14. The substance that dissolves the solute in a solution.
16. A type of reaction involving the transfer of electrons.

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titration

reactants

thermodynamics

redox

renewable

voltaic

solid

wind energy

stoichiometry

respiration

proton

radioactivity

reduction

solute

van der Waals

suspension

valence

sublimation

synthesis

solution

solvent

solubility