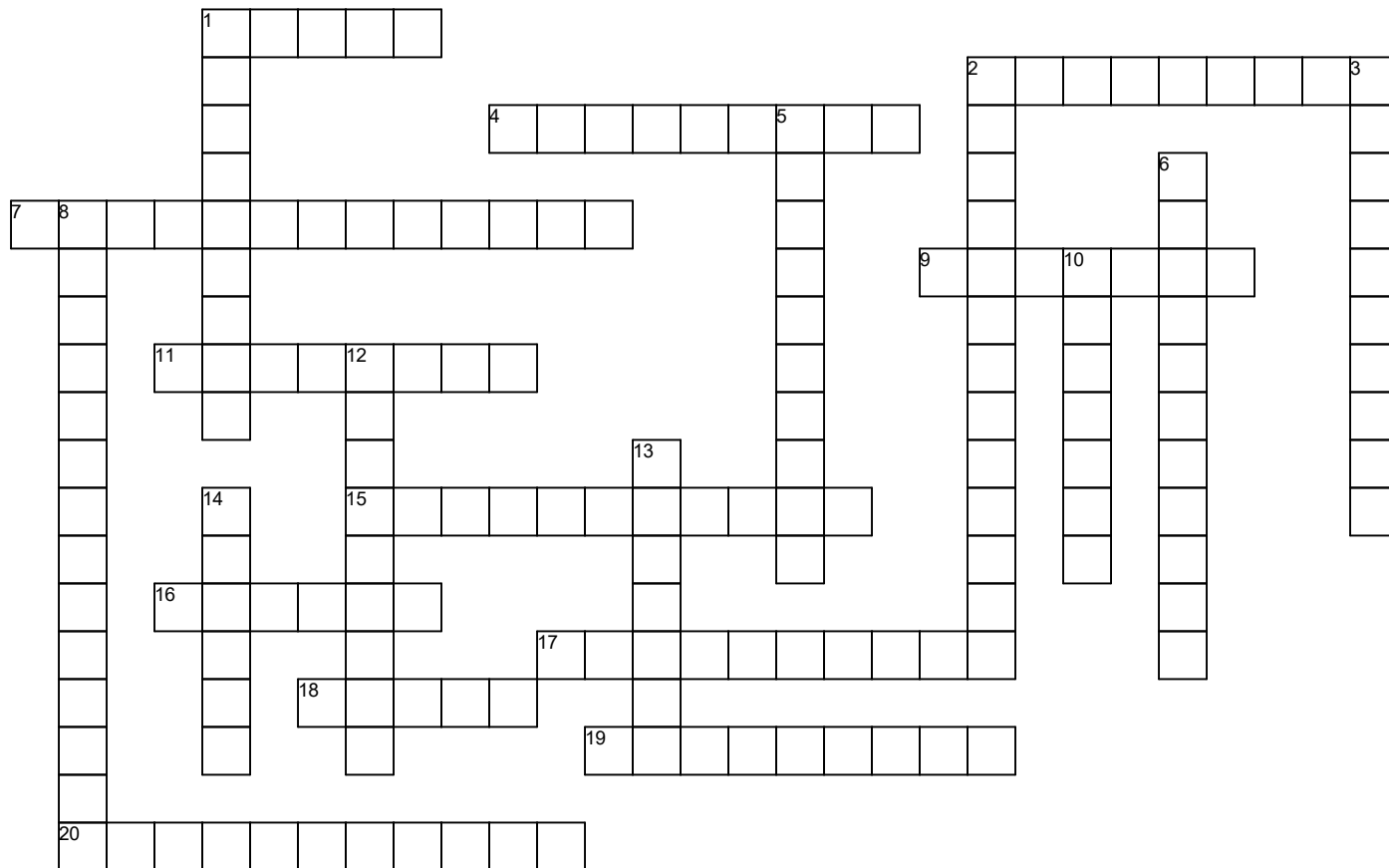


# Chemistry Terms Crossword Puzzle 5-3

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



## ACROSS

1. A type of reaction involving the transfer of electrons.
2. The starting substances in a chemical reaction.
4. A chemical reaction in which two or more substances combine to form a new compound.
7. The calculation of reactants and products in chemical reactions.
9. The substance that dissolves the solute in a solution.
11. A homogeneous mixture of two or more substances.
15. The process by which cells convert glucose and oxygen into energy.
16. The substance that is dissolved in a solution.
17. Energy harnessed from the wind.
18. A state of matter with a definite shape and volume.
19. Resources that can be replenished naturally.
20. The process where a solid changes directly into a gas.

## DOWN

1. The gain of electrons in a reaction.
2. The emission of particles or energy from unstable nuclei.
3. The ability of a substance to dissolve in a solvent.
5. A mixture in which particles are dispersed throughout the bulk of a fluid.
6. Weak intermolecular forces between molecules.
8. The study of energy changes in chemical reactions.
10. Another name for a galvanic cell.
12. A technique to determine the concentration of a substance in a solution.
13. The outermost electrons of an atom.
14. A positively charged particle in an atom's nucleus.

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solution

voltaic

stoichiometry

redox

thermodynamics

solute

sublimation

solubility

reduction

radioactivity

titration

solvent

proton

renewable

valence

van der Waals

respiration

reactants

wind energy

solid

synthesis

suspension