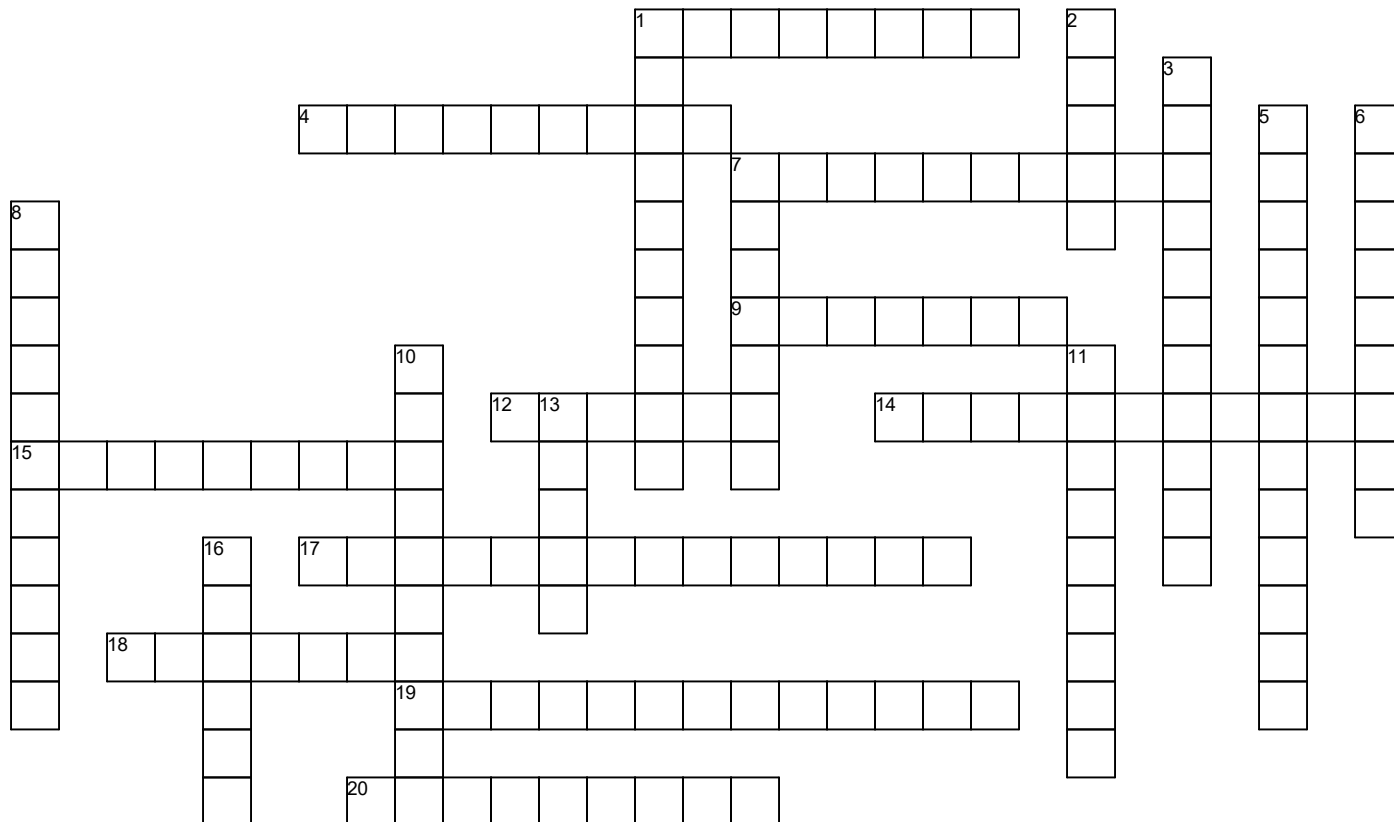


Chemistry Terms Crossword Puzzle 5-2

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



ACROSS

1. A homogeneous mixture of two or more substances.
4. Resources that can be replenished naturally.
7. A mixture in which particles are dispersed throughout the bulk of a fluid.
9. Another name for a galvanic cell.
12. A positively charged particle in an atom's nucleus.
14. The process where a solid changes directly into a gas.
15. The gain of electrons in a reaction.
17. The study of energy changes in chemical reactions.
18. The outermost electrons of an atom.
19. The emission of particles or energy from unstable nuclei.
20. A chemical reaction in which two or more substances combine to form a new compound.

DOWN

1. The ability of a substance to dissolve in a solvent.
2. A state of matter with a definite shape and volume.
3. Weak intermolecular forces between molecules.
5. The calculation of reactants and products in chemical reactions.
6. The starting substances in a chemical reaction.
7. The substance that dissolves the solute in a solution.
8. The process by which cells convert glucose and oxygen into energy.
10. Energy harnessed from the wind.
11. A technique to determine the concentration of a substance in a solution.
13. A type of reaction involving the transfer of electrons.
16. The substance that is dissolved in a solution.

solubility

renewable

solvent

radioactivity

valence

wind energy

solution

reactants

proton

synthesis

stoichiometry

voltaic

reduction

redox

respiration

thermodynamics

titration

sublimation

suspension

solid

van der Waals

solute