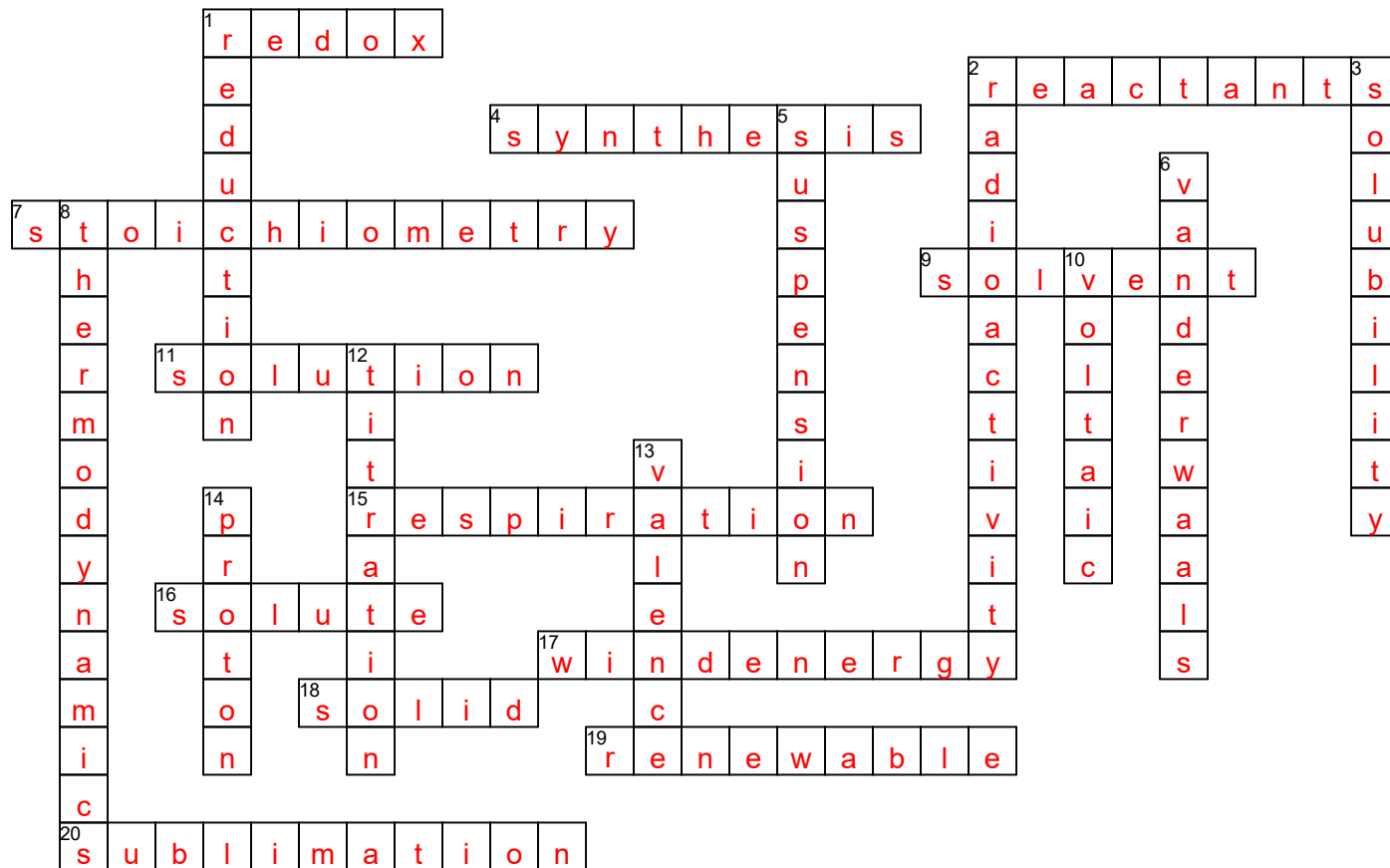


# Chemistry Terms Crossword Puzzle 5-3

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



## ACROSS

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

## DOWN

- The gain of electrons in a reaction.
- The emission of particles or energy from unstable nuclei.
- The ability of a substance to dissolve in a solvent.
- A mixture in which particles are dispersed throughout the bulk of a fluid.
- Weak intermolecular forces between molecules.
- The study of energy changes in chemical reactions.
- Another name for a galvanic cell.
- A technique to determine the concentration of a substance in a solution.
- The outermost electrons of an atom.
- 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