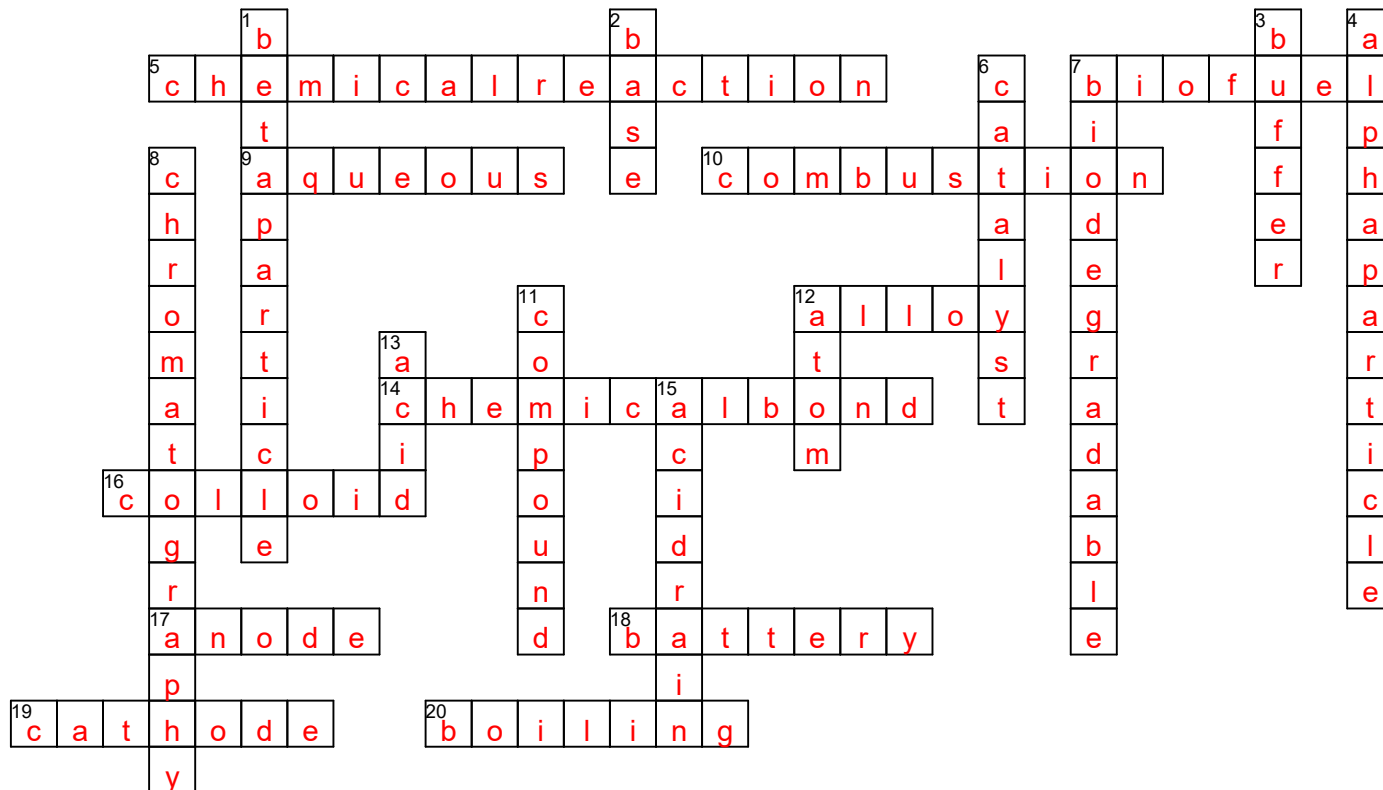


# Chemistry Terms Crossword Puzzle 1-1

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



## ACROSS

5. Process where substances are transformed into different substances.
7. Fuel derived from biological sources like plants.
9. A solution where the solvent is water.
10. A chemical reaction that involves the burning of a substance in oxygen.
12. A mixture of metals.
14. The force that holds atoms together in a molecule.
16. A mixture where very small particles of one substance are evenly distributed throughout another.
17. The electrode where oxidation occurs.
18. A device that stores and provides electrical energy.
19. The electrode where reduction occurs.
20. The process where a liquid changes into a gas.

## DOWN

1. A type of radiation consisting of high-energy electrons.
2. A substance that accepts protons in a solution.
3. A solution that resists changes in pH.
4. A type of radiation consisting of two protons and two neutrons.
6. Substance that speeds up a chemical reaction without being consumed.
7. Capable of being broken down by natural processes.
8. A technique for separating mixtures based on differences in their movement through a medium.
11. A substance formed from two or more elements chemically united.
12. The smallest unit of an element.
13. A substance that donates protons in a solution.
15. Precipitation that is more acidic than normal due to air pollution.

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battery

chromatography

alpha particle

cathode

alloy

atom

combustion

boiling

acid

aqueous

acid rain

biofuel

anode

chemical bond

beta particle

biodegradable

base

compound

catalyst

buffer

chemical reaction

colloid