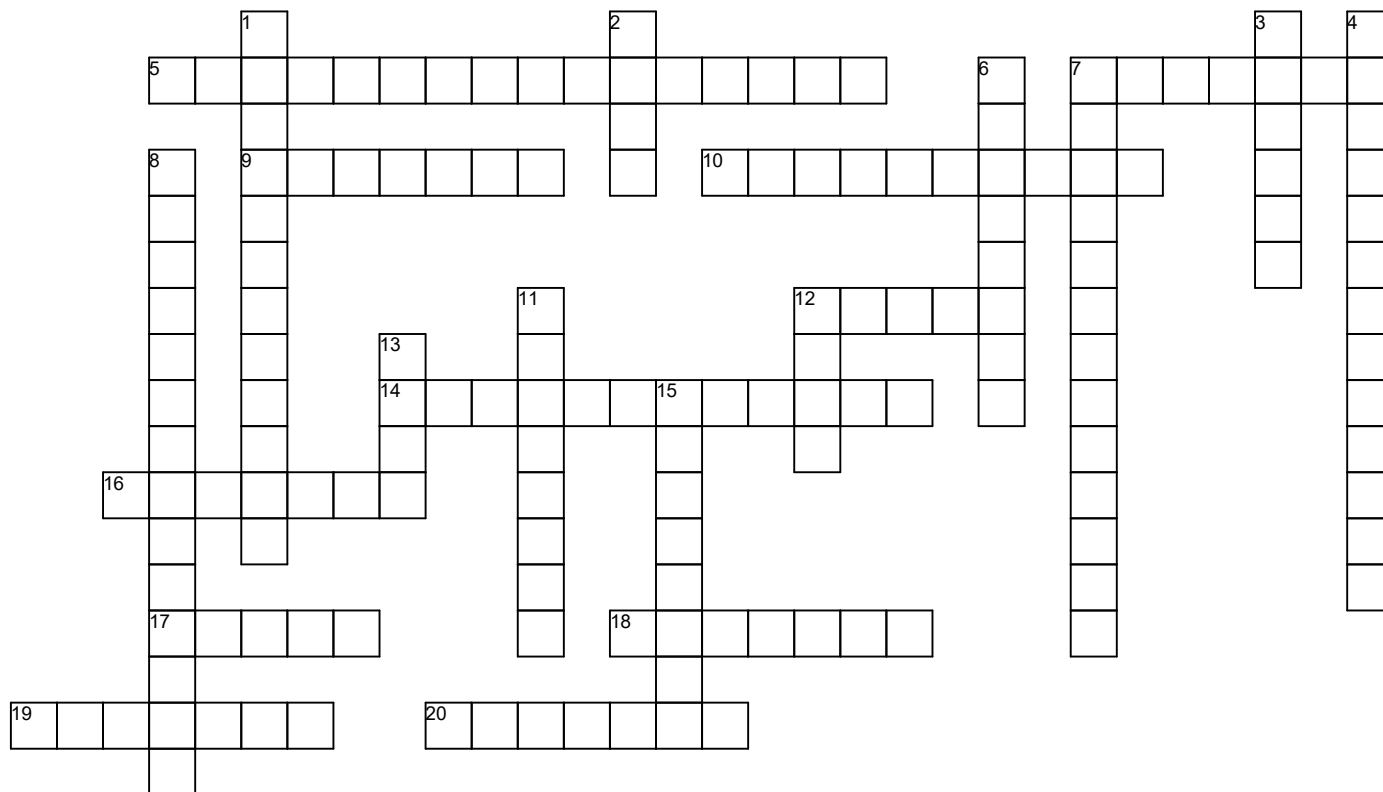


Chemistry Terms Crossword Puzzle 1-1

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.

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