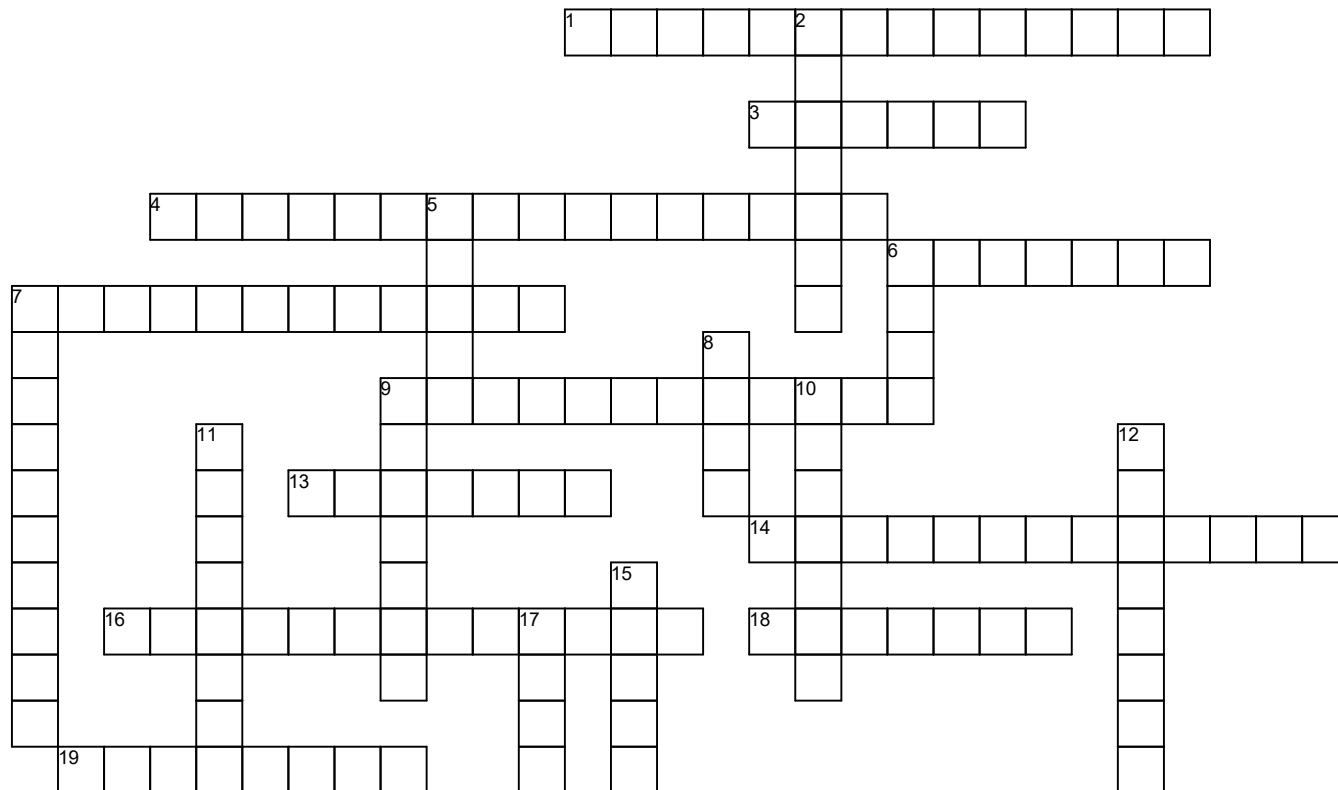


Chemistry Terms Crossword Puzzle 1-4

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



ACROSS

1. A technique for separating mixtures based on differences in their movement through a medium.
3. A solution that resists changes in pH.
4. Process where substances are transformed into different substances.
6. The process where a liquid changes into a gas.
7. The force that holds atoms together in a molecule.
9. A type of radiation consisting of high-energy electrons.
13. The electrode where reduction occurs.
14. A type of radiation consisting of two protons and two neutrons.
16. Capable of being broken down by natural processes.
18. Fuel derived from biological sources like plants.
19. Precipitation that is more acidic than normal due to air pollution.

DOWN

2. A solution where the solvent is water.
5. The electrode where oxidation occurs.
6. A substance that accepts protons in a solution.
7. A chemical reaction that involves the burning of a substance in oxygen.
8. The smallest unit of an element.
9. A device that stores and provides electrical energy.
10. A mixture where very small particles of one substance are evenly distributed throughout another.
11. A substance formed from two or more elements chemically united.
12. Substance that speeds up a chemical reaction without being consumed.
15. A mixture of metals.
17. A substance that donates protons in a solution.

alpha particle

chemical bond

boiling

compound

acid

alloy

biofuel

combustion

colloid

atom

chemical reaction

battery

buffer

aqueous

beta particle

cathode

biodegradable

chromatography

base

catalyst

anode

acid rain