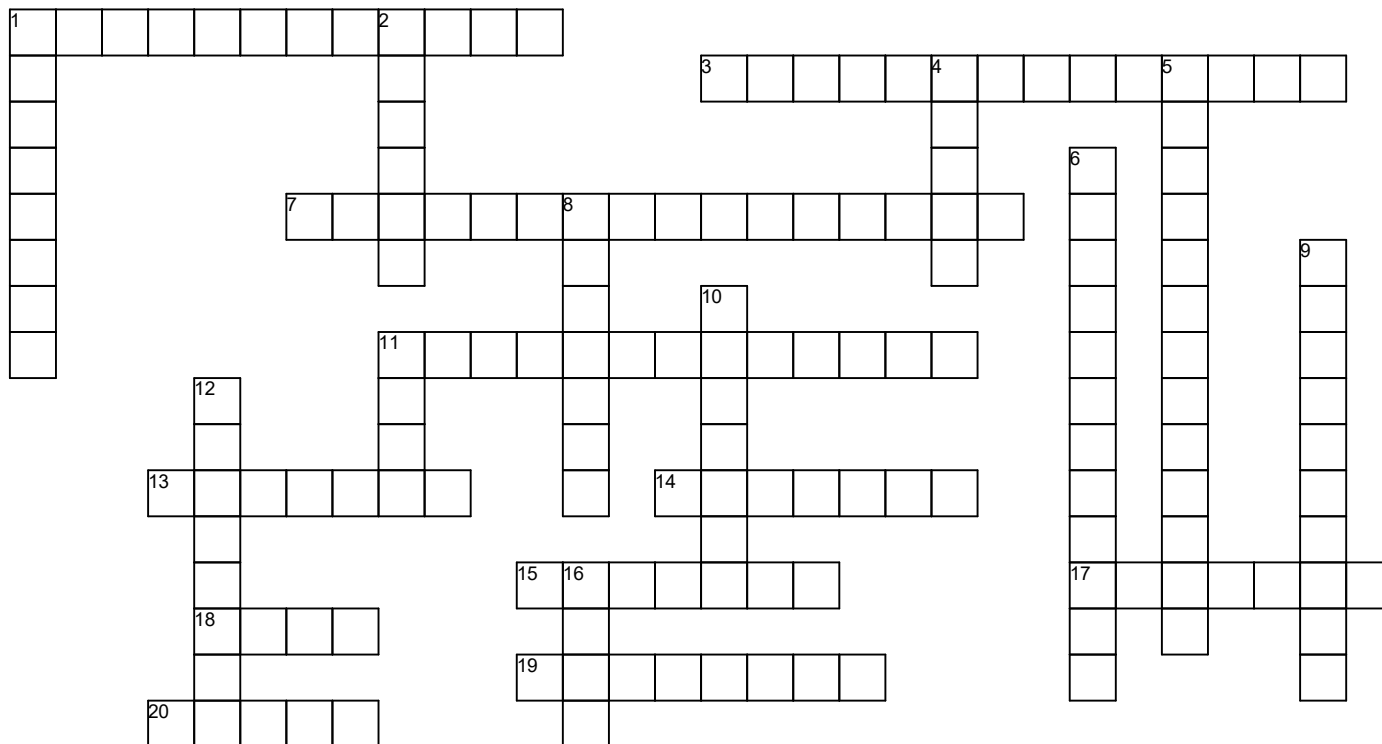


Chemistry Terms Crossword Puzzle 1-3

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



ACROSS

1. The force that holds atoms together in a molecule.
3. A technique for separating mixtures based on differences in their movement through a medium.
7. Process where substances are transformed into different substances.
11. Capable of being broken down by natural processes.
13. Fuel derived from biological sources like plants.
14. The process where a liquid changes into a gas.
15. A device that stores and provides electrical energy.
17. A mixture where very small particles of one substance are evenly distributed throughout another.
18. A substance that donates protons in a solution.
19. A substance formed from two or more elements chemically united.
20. The electrode where oxidation occurs.

DOWN

1. Substance that speeds up a chemical reaction without being consumed.
2. A solution that resists changes in pH.
4. A mixture of metals.
5. A type of radiation consisting of two protons and two neutrons.
6. A type of radiation consisting of high-energy electrons.
8. A solution where the solvent is water.
9. A chemical reaction that involves the burning of a substance in oxygen.
10. The electrode where reduction occurs.
11. A substance that accepts protons in a solution.
12. Precipitation that is more acidic than normal due to air pollution.
16. The smallest unit of an element.

battery

acid rain

aqueous

chemical reaction

acid

cathode

base

chemical bond

compound

alpha particle

alloy

biodegradable

combustion

atom

biofuel

buffer

beta particle

boiling

catalyst

chromatography

anode

colloid