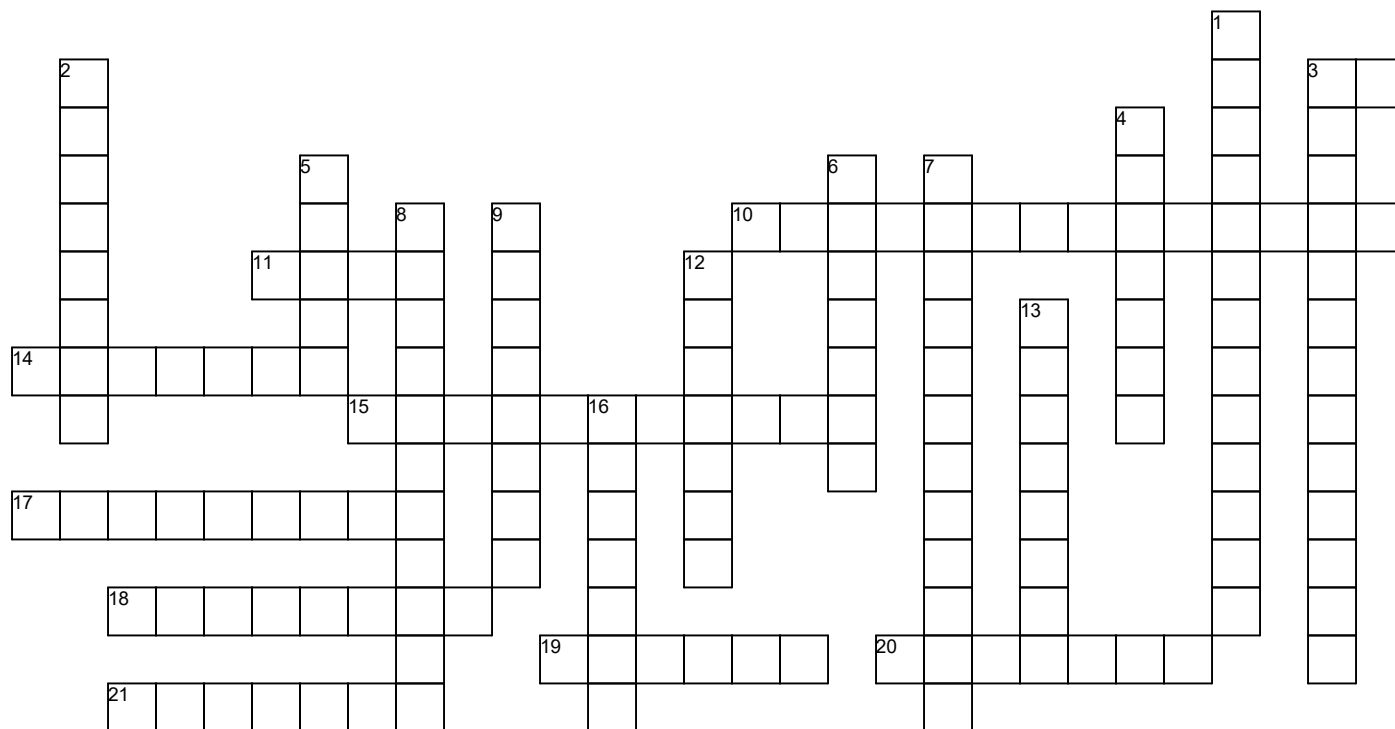


Chemistry Terms Crossword Puzzle 4-3

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



ACROSS

3. A measure of how acidic or basic a solution is.
10. The process by which plants convert sunlight into chemical energy.
11. The unit for amount of substance, containing Avogadro's number of particles.
14. A combination of two or more substances that are not chemically combined.
15. A solid that forms and settles out of a liquid mixture.
17. The loss of electrons in a reaction.
18. The number of moles of solute per liter of solution.
19. A state of matter similar to gas but consisting of charged particles.
20. A type of synthetic polymer.
21. A large molecule made up of repeating units.

DOWN

1. Energy released during nuclear reactions.
2. Type of bond found in metals, involving a sea of electrons.
3. A chart of the elements arranged by atomic number.
4. A potent greenhouse gas produced by livestock and decay of organic matter.
5. A molecule composed of three oxygen atoms, important in the atmosphere.
6. The small building block that makes up polymers.
7. Resources that cannot be replenished in a short period of time.
8. A dense celestial object composed mainly of neutrons.
9. Two or more atoms bonded together.
12. A neutral particle in an atom's nucleus.
13. The substances formed in a chemical reaction.
16. A measure of acidity or alkalinity of a solution.

periodic table

monomer

mole

neutron

pH

polymer

nuclear energy

plastic

metallic

neutron star

nonrenewable

plasma

precipitate

methane

molarity

mixture

oxidation

molecule

products

ozone

pH scale

photosynthesis