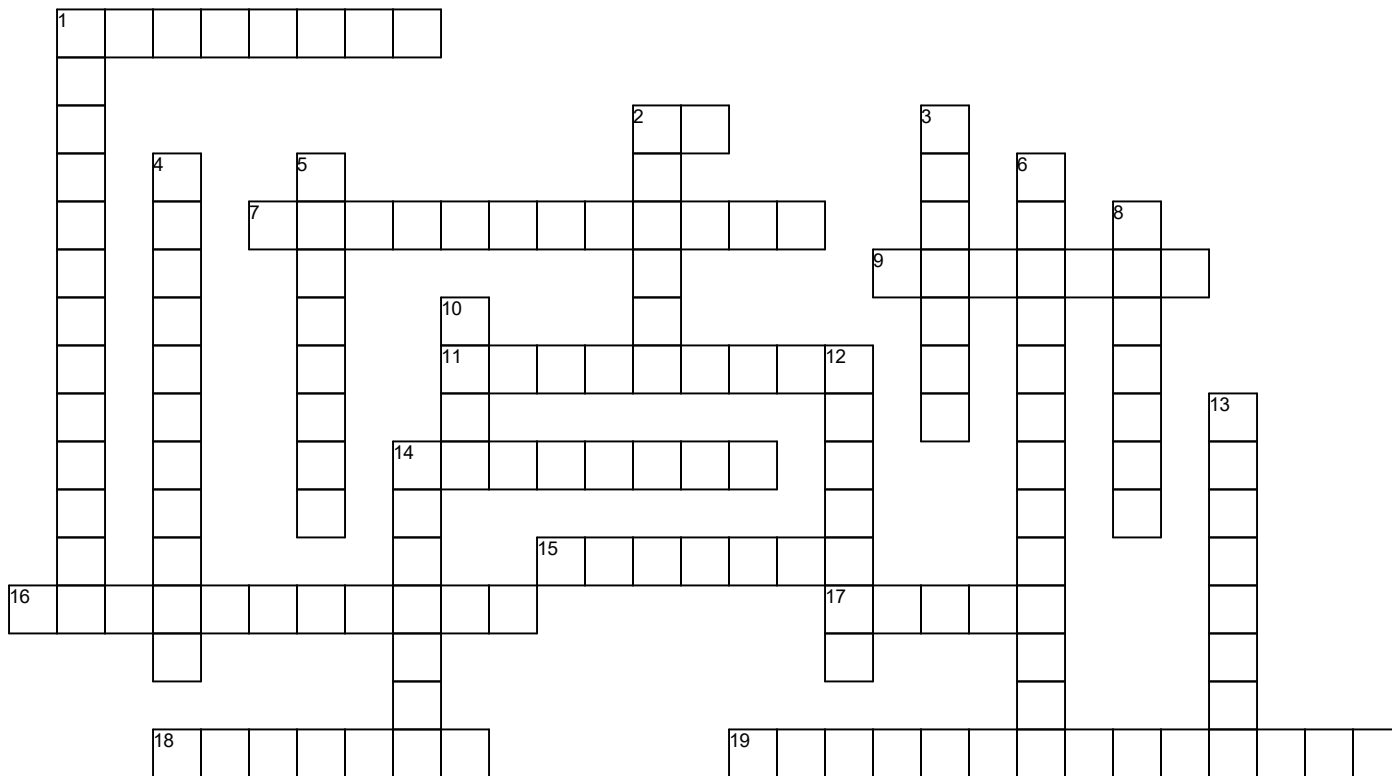


# Chemistry Terms Crossword Puzzle 4-2

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



## ACROSS

1. The substances formed in a chemical reaction.
2. A measure of how acidic or basic a solution is.
7. Resources that cannot be replenished in a short period of time.
9. A measure of acidity or alkalinity of a solution.
11. The loss of electrons in a reaction.
14. Type of bond found in metals, involving a sea of electrons.
15. A large molecule made up of repeating units.
16. A dense celestial object composed mainly of neutrons.
17. A molecule composed of three oxygen atoms, important in the atmosphere.
18. The small building block that makes up polymers.
19. The process by which plants convert sunlight into chemical energy.

## DOWN

1. A chart of the elements arranged by atomic number.
2. A state of matter similar to gas but consisting of charged particles.
3. A potent greenhouse gas produced by livestock and decay of organic matter.
4. A solid that forms and settles out of a liquid mixture.
5. The number of moles of solute per liter of solution.
6. Energy released during nuclear reactions.
8. A type of synthetic polymer.
10. The unit for amount of substance, containing Avogadro's number of particles.
12. A neutral particle in an atom's nucleus.
13. Two or more atoms bonded together.
14. A combination of two or more substances that are not chemically combined.

---

methane

plastic

mole

molecule

photosynthesis

nonrenewable

polymer

pH scale

monomer

oxidation

products

pH

neutron star

periodic table

nuclear energy

neutron

plasma

mixture

precipitate

ozone

molarity

metallic