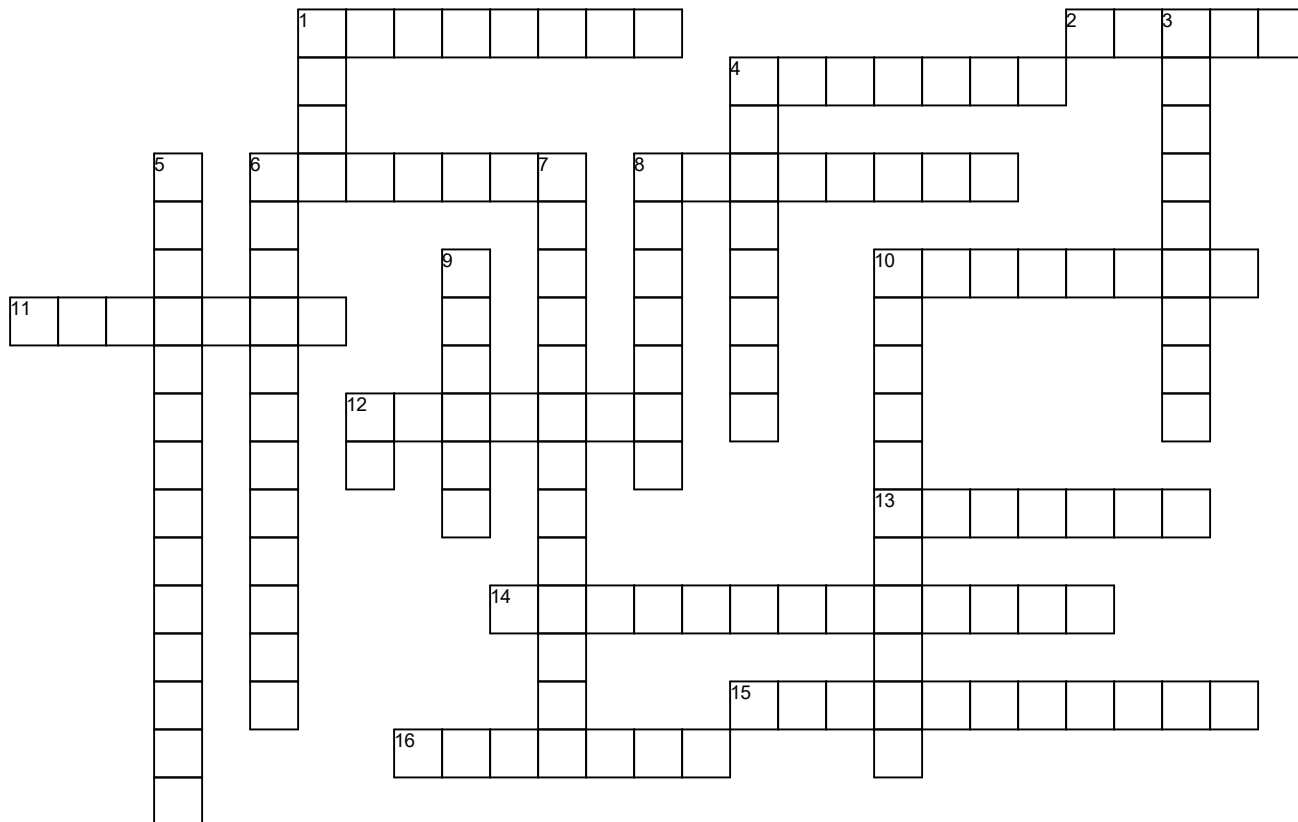


# Chemistry Terms Crossword Puzzle 4-1

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



## ACROSS

1. Type of bond found in metals, involving a sea of electrons.
2. A molecule composed of three oxygen atoms, important in the atmosphere.
4. A potent greenhouse gas produced by livestock and decay of organic matter.
6. A neutral particle in an atom's nucleus.
8. The number of moles of solute per liter of solution.
10. The substances formed in a chemical reaction.
11. A combination of two or more substances that are not chemically combined.
12. A measure of acidity or alkalinity of a solution.
13. A type of synthetic polymer.
14. A chart of the elements arranged by atomic number.
15. A dense celestial object composed mainly of neutrons.
16. A large molecule made up of repeating units.

## DOWN

1. The unit for amount of substance, containing Avogadro's number of particles.
3. The loss of electrons in a reaction.
4. Two or more atoms bonded together.
5. The process by which plants convert sunlight into chemical energy.
6. Resources that cannot be replenished in a short period of time.
7. Energy released during nuclear reactions.
8. The small building block that makes up polymers.
9. A state of matter similar to gas but consisting of charged particles.
10. A solid that forms and settles out of a liquid mixture.
12. A measure of how acidic or basic a solution is.

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pH

photosynthesis

neutron

molecule

mole

polymer

periodic table

pH scale

mixture

methane

nuclear energy

products

plastic

molarity

metallic

nonrenewable

neutron star

ozone

precipitate

oxidation

plasma

monomer