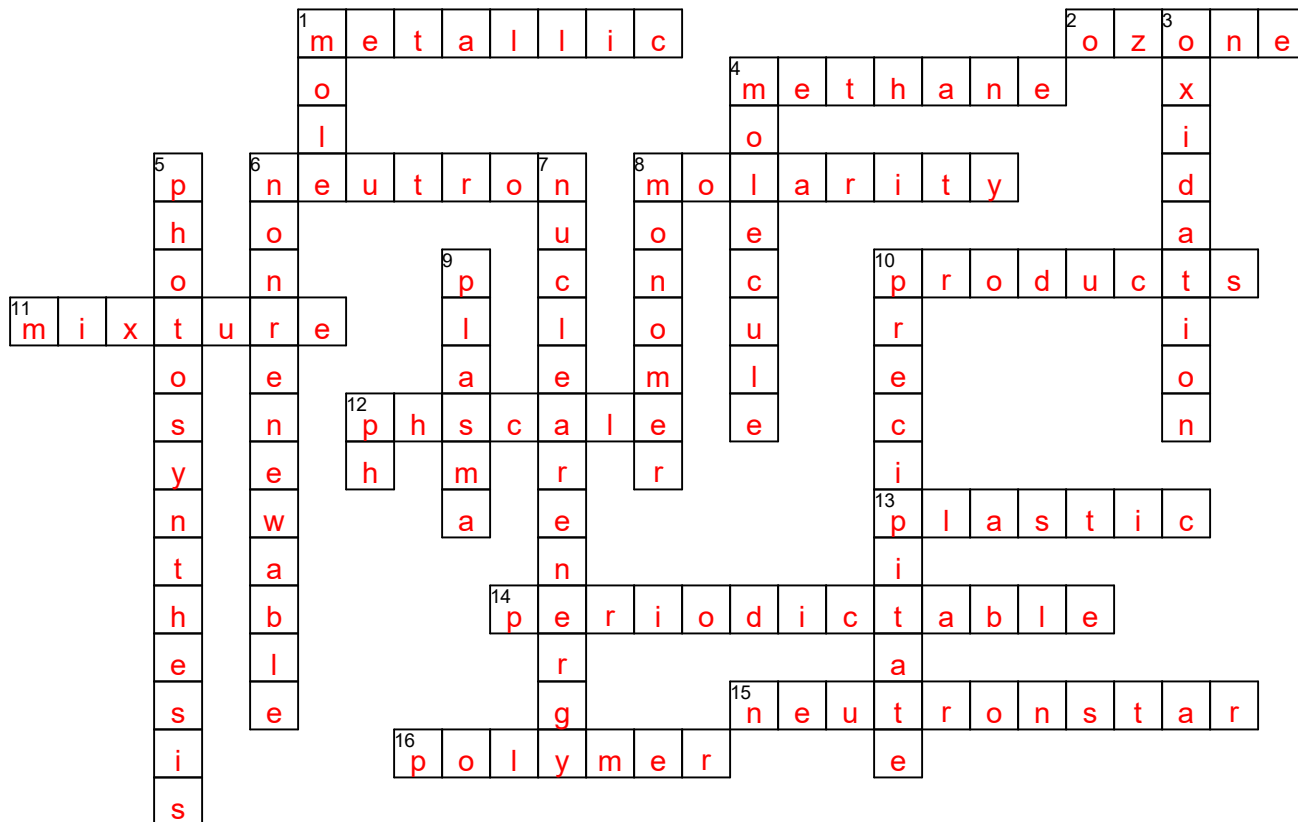


Chemistry Terms Crossword Puzzle 4-1

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



ACROSS

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

DOWN

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

pH

molecule

periodic table

methane

plastic

nonrenewable

precipitate

monomer

photosynthesis

mole

pH scale

nuclear energy

molarity

neutron star

oxidation

neutron

polymer

mixture

products

metallic

ozone

plasma