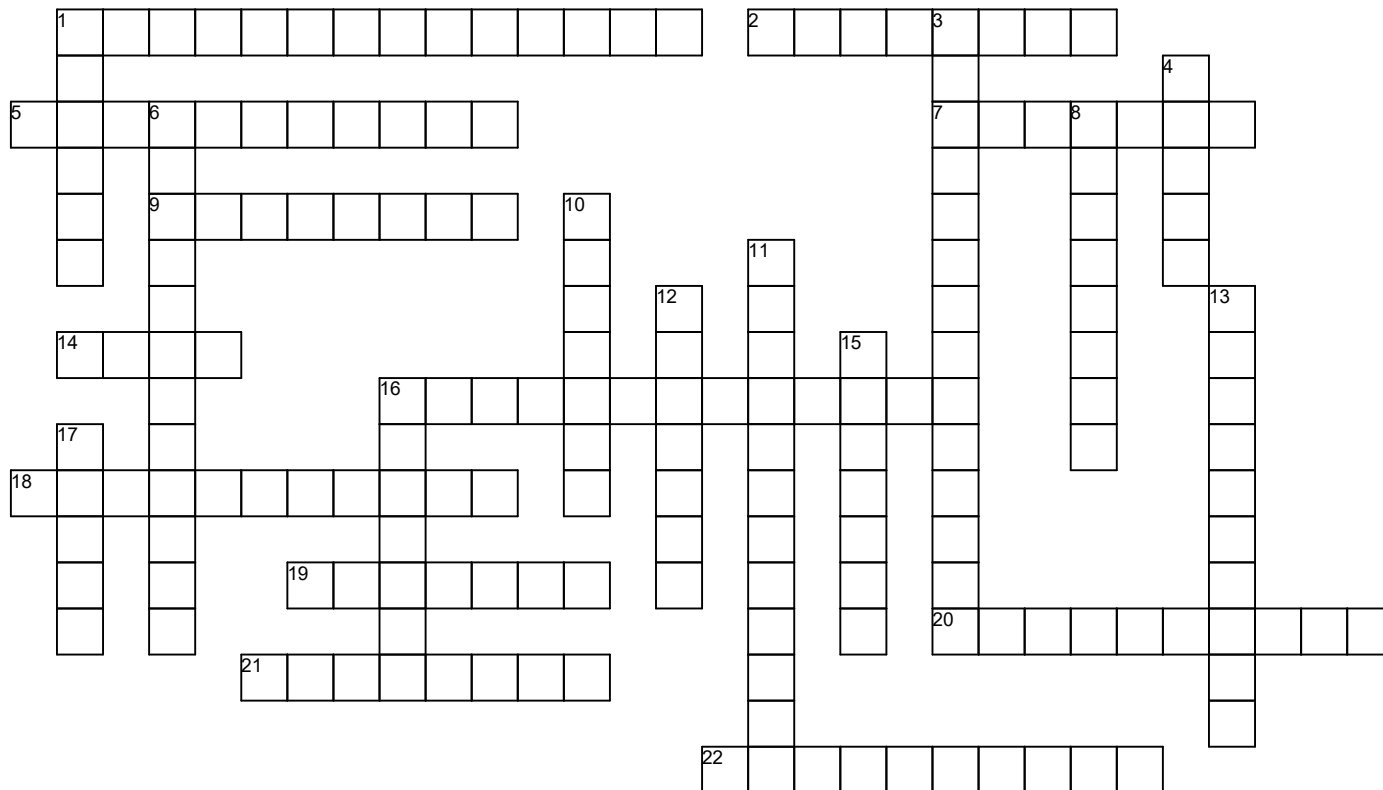


Chemistry Terms Review Crossword Puzzle 7

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



ACROSS

1. The process by which plants convert sunlight into chemical energy.
2. Adding more solvent to decrease the concentration of a solution.
5. Weak intermolecular forces between molecules.
7. A substance that cannot be broken down into simpler substances.
9. A homogeneous mixture of two or more substances.
14. The unit for amount of substance, containing Avogadro's number of particles.
16. The amount of solute in a given amount of solvent.
18. A dense celestial object composed mainly of neutrons.
19. Atoms of the same element with different numbers of neutrons.
20. A mixture in which particles are dispersed throughout the bulk of a fluid.
21. Two or more atoms bonded together.
22. The process where a gas changes directly into a solid.

DOWN

1. A state of matter similar to gas but consisting of charged particles.
3. The study of energy changes in chemical reactions.
4. The electrode where oxidation occurs.
6. A process used to separate mixtures based on differences in boiling points.
8. The number of moles of solute per liter of solution.
10. A device that stores and provides electrical energy.
11. A type of radiation consisting of high-energy electrons.
12. A potent greenhouse gas produced by livestock and decay of organic matter.
13. A chemical reaction involving water.
15. The splitting of a nucleus into smaller parts.
16. The electrode where reduction occurs.
17. A type of reaction involving the transfer of electrons.

beta particle

anode

element

deposition

methane

battery

neutron star

hydrolysis

thermodynamics

isotope

solution

molarity

fission

dilution

suspension

mole

redox

molecule

distillation

concentration

photosynthesis

cathode

plasma

van der Waals