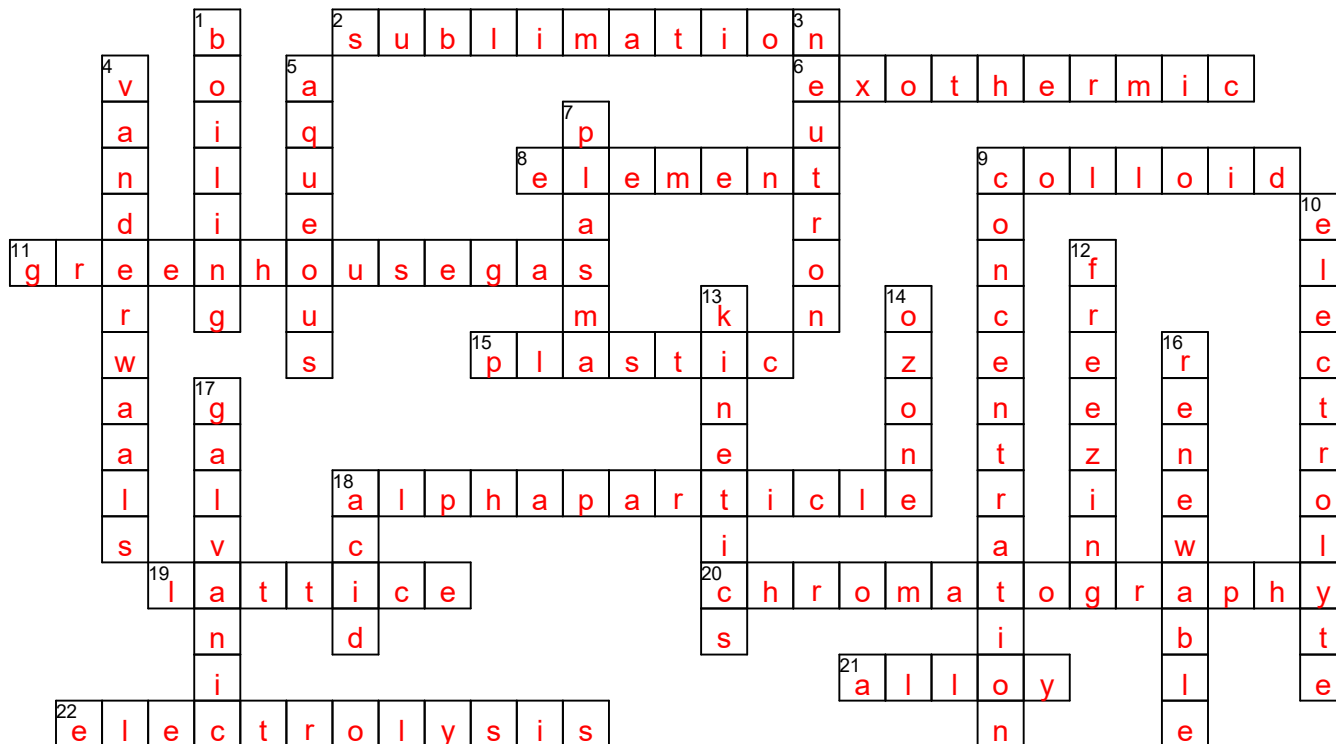


Chemistry Terms Review Crossword Puzzle 9

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



ACROSS

2. The process where a solid changes directly into a gas.
6. A reaction that releases energy.
8. A substance that cannot be broken down into simpler substances.
9. A mixture where very small particles of one substance are evenly distributed throughout another.
11. Gases that trap heat in the atmosphere.
15. A type of synthetic polymer.
18. A type of radiation consisting of two protons and two neutrons.
19. A regular arrangement of particles in a crystalline solid.
20. A technique for separating mixtures based on differences in their movement through a medium.
21. A mixture of metals.
22. A process that uses electricity to drive a chemical reaction.

DOWN

1. The process where a liquid changes into a gas.
3. A neutral particle in an atom's nucleus.
4. Weak intermolecular forces between molecules.
5. A solution where the solvent is water.
7. A state of matter similar to gas but consisting of charged particles.
9. The amount of solute in a given amount of solvent.
10. A substance that conducts electricity when dissolved in water.
12. The process where a liquid changes into a solid.
13. The study of the rate of chemical reactions.
14. A molecule composed of three oxygen atoms, important in the atmosphere.
16. Resources that can be replenished naturally.
17. A type of electrochemical cell that generates electrical energy.
18. A substance that donates protons in a solution.

sublimation

element

plasma

boiling

alloy

van der Waals

lattice

neutron

chromatography

electrolyte

kinetics

aqueous

alpha particle

exothermic

plastic

acid

renewable

concentration

greenhouse gas

freezing

electrolysis

galvanic

ozone

colloid