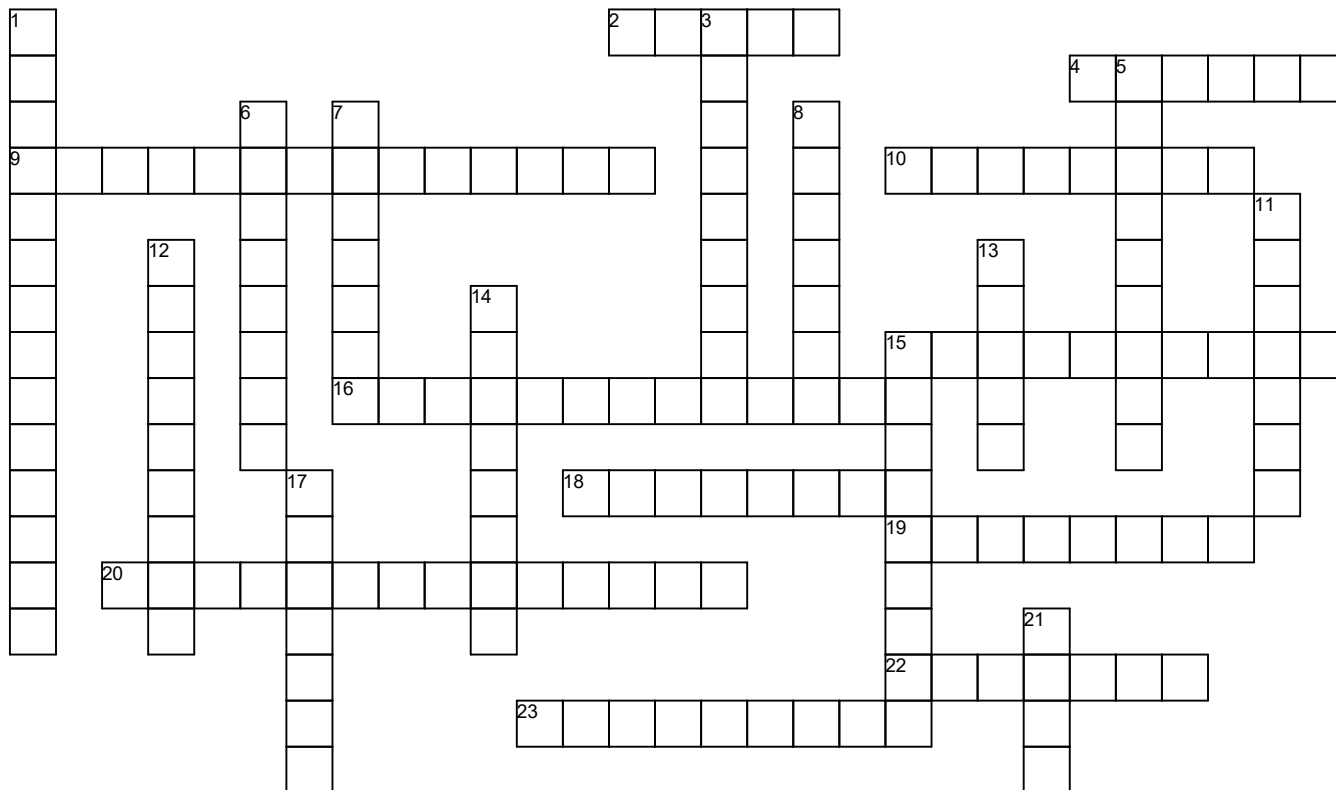


Chemistry Terms Review Crossword Puzzle 8

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



ACROSS

2. A type of reaction involving the transfer of electrons.
4. The substance that is dissolved in a solution.
9. The process of mixing two immiscible liquids.
10. A statement that shows the equality of two expressions.
15. The ability of a substance to dissolve in a solvent.
16. Energy released during nuclear reactions.
18. Type of bond where atoms share electrons.
19. The time it takes for half of a radioactive substance to decay.
20. The process of coating a metal object with a thin layer of another metal using electrolysis.
22. Atoms of the same element with different numbers of neutrons.
23. The starting substances in a chemical reaction.

DOWN

1. Forces between molecules.
3. The spreading of particles from an area of higher concentration to an area of lower concentration.
5. The loss of electrons in a reaction.
6. The study of the rate of chemical reactions.
7. The splitting of a nucleus into smaller parts.
8. The small building block that makes up polymers.
11. A device that stores and provides electrical energy.
12. Resources that can be replenished naturally.
13. A mixture of metals.
14. Two or more atoms bonded together.
15. A chemical reaction in which two or more substances combine to form a new compound.
17. The electrode where reduction occurs.
21. The smallest unit of an element.

synthesis

diffusion

electroplating

monomer

covalent

solubility

solute

intermolecular

kinetics

half-life

redox

cathode

fission

nuclear energy

isotope

reactants

alloy

emulsification

equation

renewable

oxidation

battery

atom

molecule