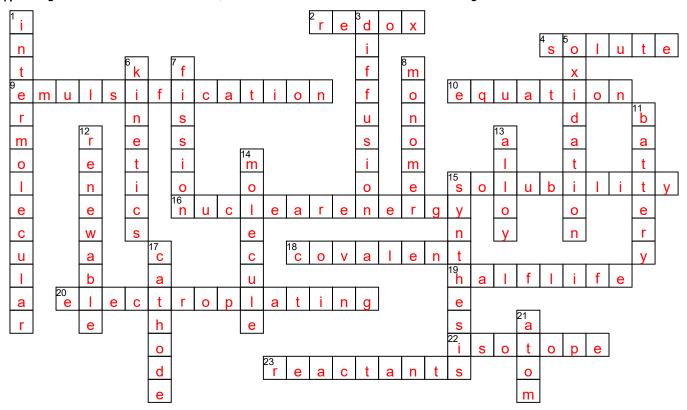
Chemistry Terms Review Crossword Puzzle 8

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.
- 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