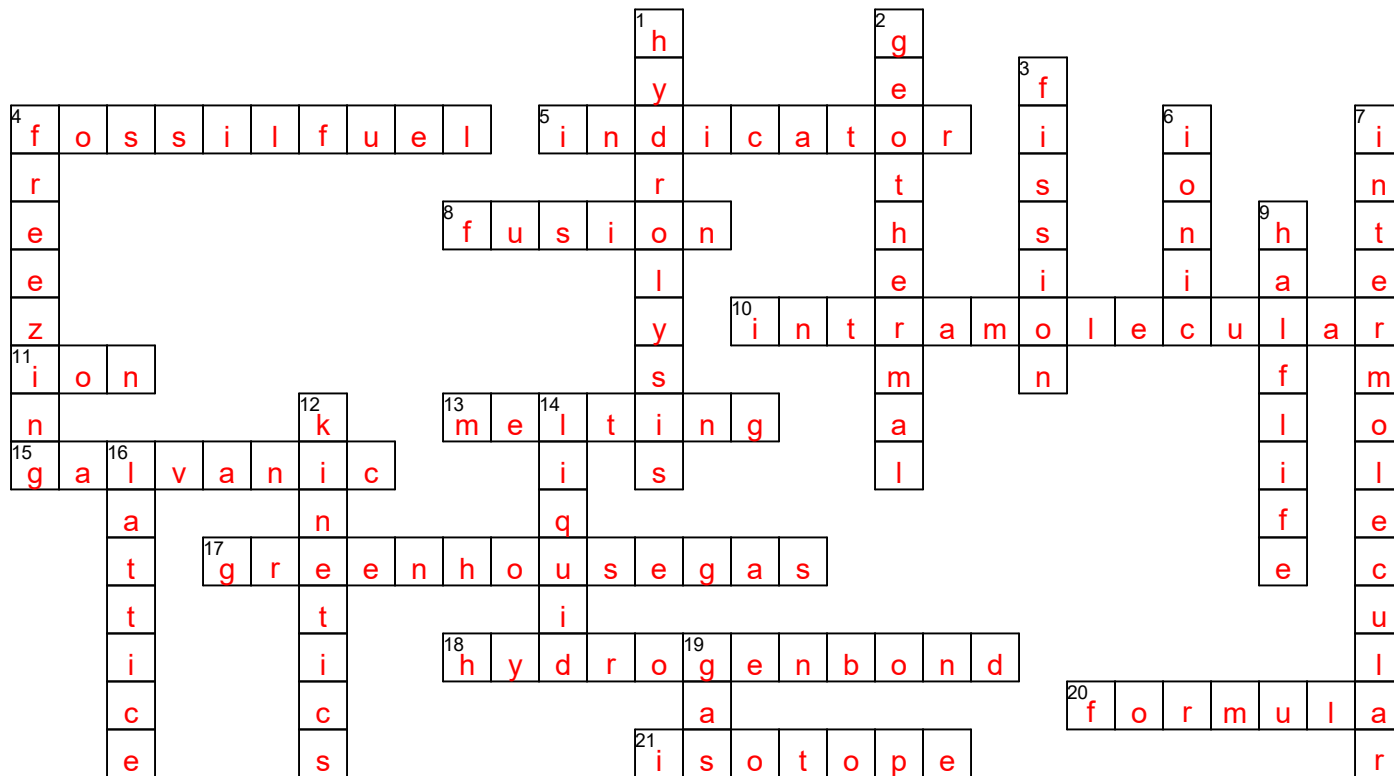


Chemistry Terms Crossword Puzzle 3-3

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



ACROSS

4. Nonrenewable energy sources like coal, oil, and natural gas.
5. A substance that changes color to indicate the presence of an acid or base.
8. The combining of nuclei to form a heavier nucleus.
10. Forces within a molecule.
11. An atom or molecule with a net electric charge.
13. The process where a solid changes into a liquid.
15. A type of electrochemical cell that generates electrical energy.
17. Gases that trap heat in the atmosphere.
18. A strong type of intermolecular force involving hydrogen.
20. A representation of the elements in a compound.
21. Atoms of the same element with different numbers of neutrons.

DOWN

1. A chemical reaction involving water.
2. Energy derived from the heat within the earth.
3. The splitting of a nucleus into smaller parts.
4. The process where a liquid changes into a solid.
6. Type of bond where atoms transfer electrons.
7. Forces between molecules.
9. The time it takes for half of a radioactive substance to decay.
12. The study of the rate of chemical reactions.
14. A state of matter with a definite volume but no fixed shape.
16. A regular arrangement of particles in a crystalline solid.
19. A state of matter with no fixed shape or volume.

ion

intramolecular

greenhouse gas

half-life

melting

kinetics

galvanic

intermolecular

freezing

liquid

hydrogen bond

isotope

gas

lattice

formula

hydrolysis

fusion

ionic

geothermal

fossil fuel

fission

indicator