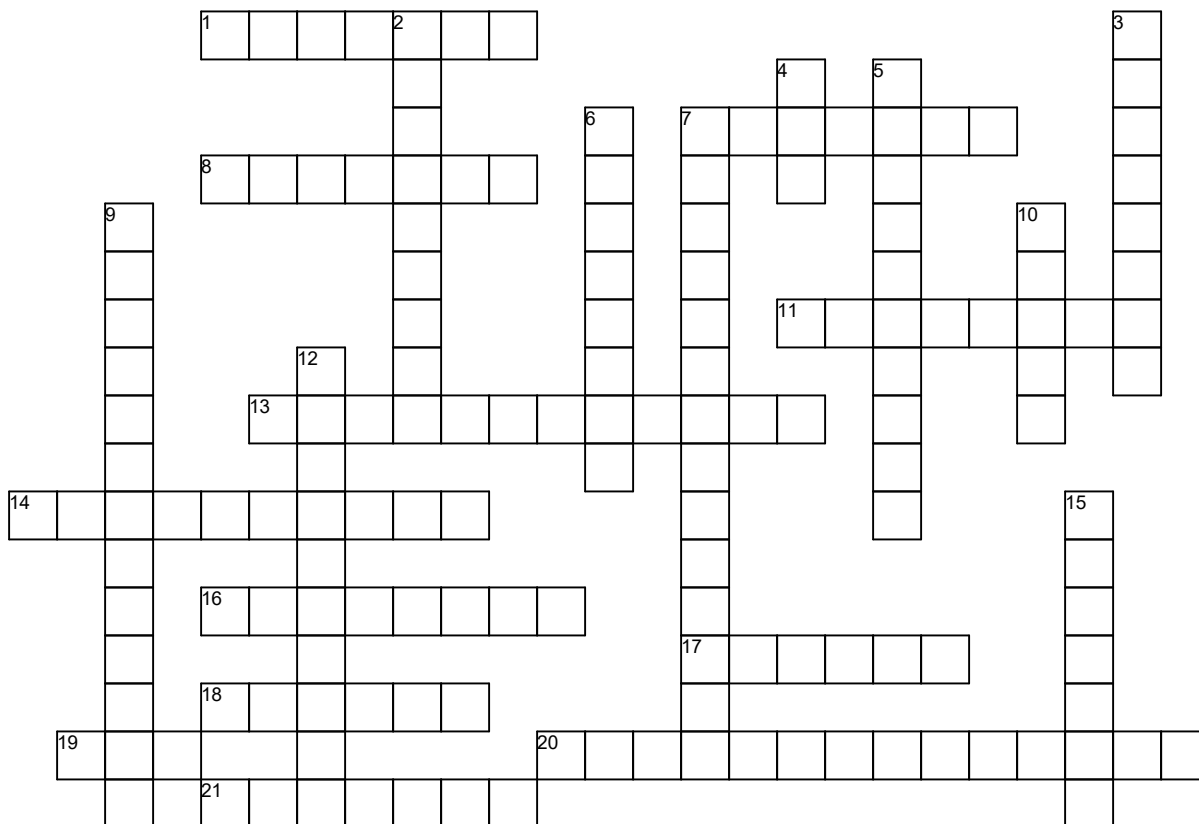


Chemistry Terms Crossword Puzzle 3-2

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



ACROSS

1. A regular arrangement of particles in a crystalline solid.
7. Atoms of the same element with different numbers of neutrons.
8. The process where a solid changes into a liquid.
11. A type of electrochemical cell that generates electrical energy.
13. A strong type of intermolecular force involving hydrogen.
14. Energy derived from the heat within the earth.
16. The time it takes for half of a radioactive substance to decay.
17. A state of matter with a definite volume but no fixed shape.
18. The combining of nuclei to form a heavier nucleus.
19. A state of matter with no fixed shape or volume.
20. Forces within a molecule.
21. The splitting of a nucleus into smaller parts.

DOWN

2. A substance that changes color to indicate the presence of an acid or base.
3. The study of the rate of chemical reactions.
4. An atom or molecule with a net electric charge.
5. Nonrenewable energy sources like coal, oil, and natural gas.
6. The process where a liquid changes into a solid.
7. Forces between molecules.
9. Gases that trap heat in the atmosphere.
10. Type of bond where atoms transfer electrons.
12. A chemical reaction involving water.
15. A representation of the elements in a compound.

melting

ion

fusion

lattice

freezing

formula

ionic

hydrolysis

hydrogen bond

galvanic

half-life

kinetics

geothermal

indicator

isotope

gas

fission

intermolecular

greenhouse gas

fossil fuel

liquid

intramolecular