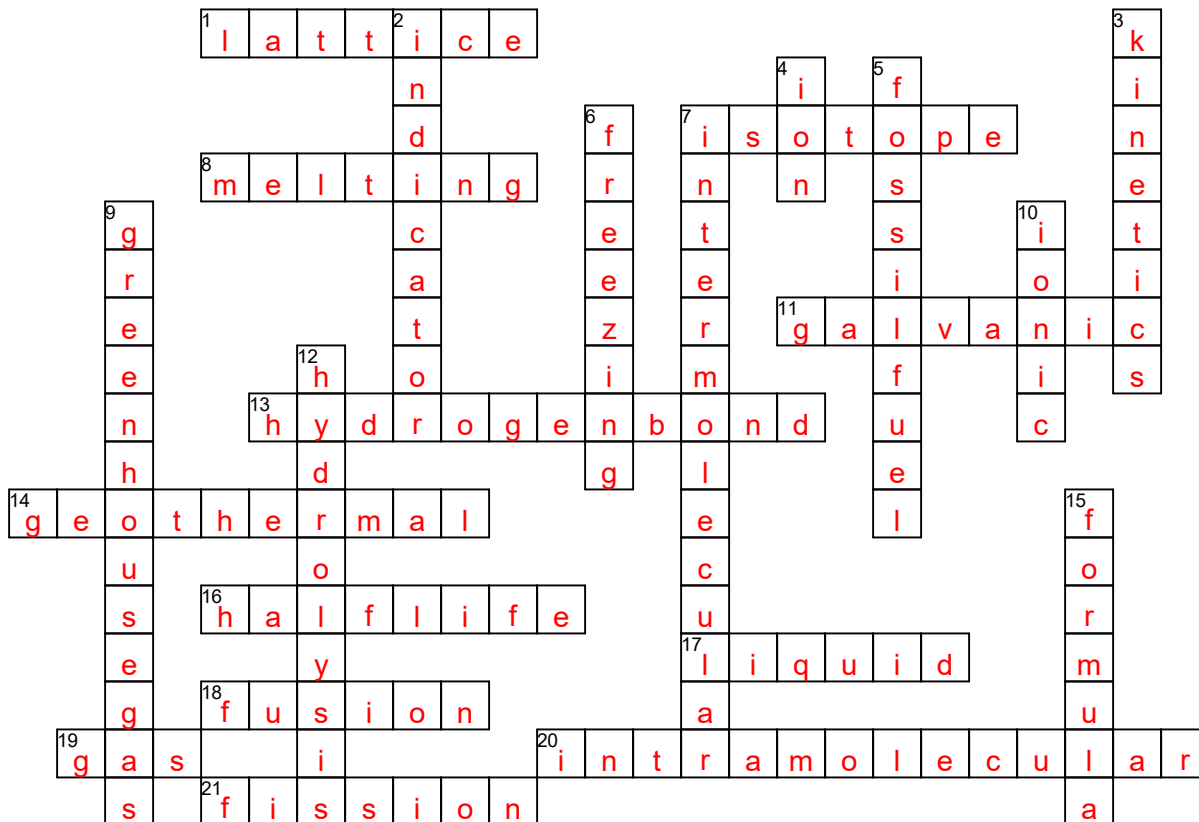


Chemistry Terms Crossword Puzzle 3-2

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



ACROSS

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

DOWN

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