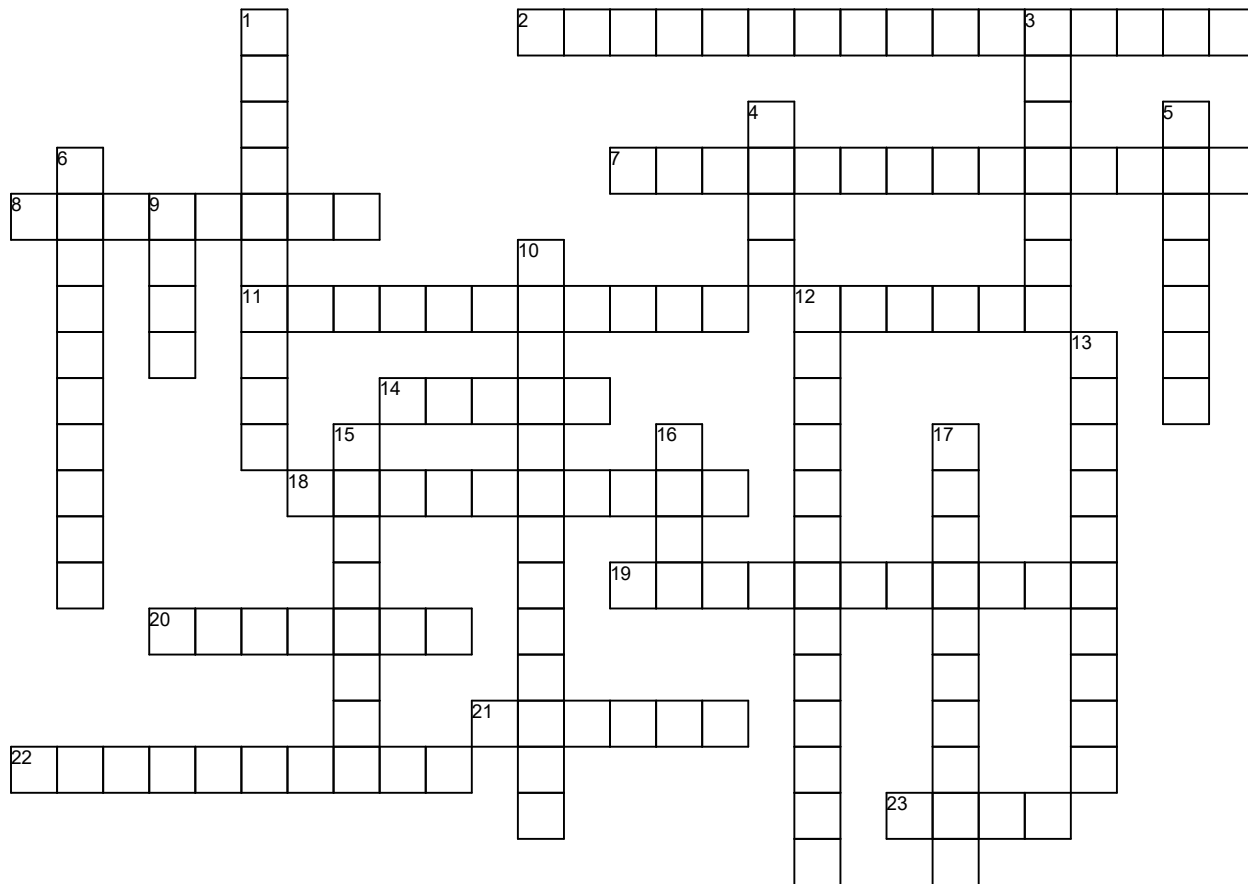


Chemistry Terms Review Crossword Puzzle 6

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



ACROSS

- Process where substances are transformed into different substances.
- The process by which plants convert sunlight into chemical energy.
- Type of bond where atoms share electrons.
- The process where a solid changes directly into a gas.
- The substance that is dissolved in a solution.
- A state of matter with a definite shape and volume.
- A process used to separate solids from liquids using a filter.
- The process by which cells convert glucose and oxygen into energy.
- A type of synthetic polymer.
- A state of matter with a definite volume but no fixed shape.
- A chemical reaction involving water.
- A substance that accepts protons in a solution.

DOWN

- A mixture in which particles are dispersed throughout the bulk of a fluid.
- The electrode where reduction occurs.
- The smallest unit of an element.
- Fuel derived from biological sources like plants.
- Nonrenewable energy sources like coal, oil, and natural gas.
- A substance that donates protons in a solution.
- The emission of particles or energy from unstable nuclei.
- The calculation of reactants and products in chemical reactions.
- Energy harnessed from the wind.
- The study of the rate of chemical reactions.
- The unit for amount of substance, containing Avogadro's number of particles.
- Energy derived from the heat within the earth.

plastic

acid

solute

geothermal

sublimation

photosynthesis

hydrolysis

suspension

wind energy

stoichiometry

liquid

atom

cathode

solid

biofuel

filtration

covalent

base

fossil fuel

chemical reaction

mole

respiration

kinetics

radioactivity