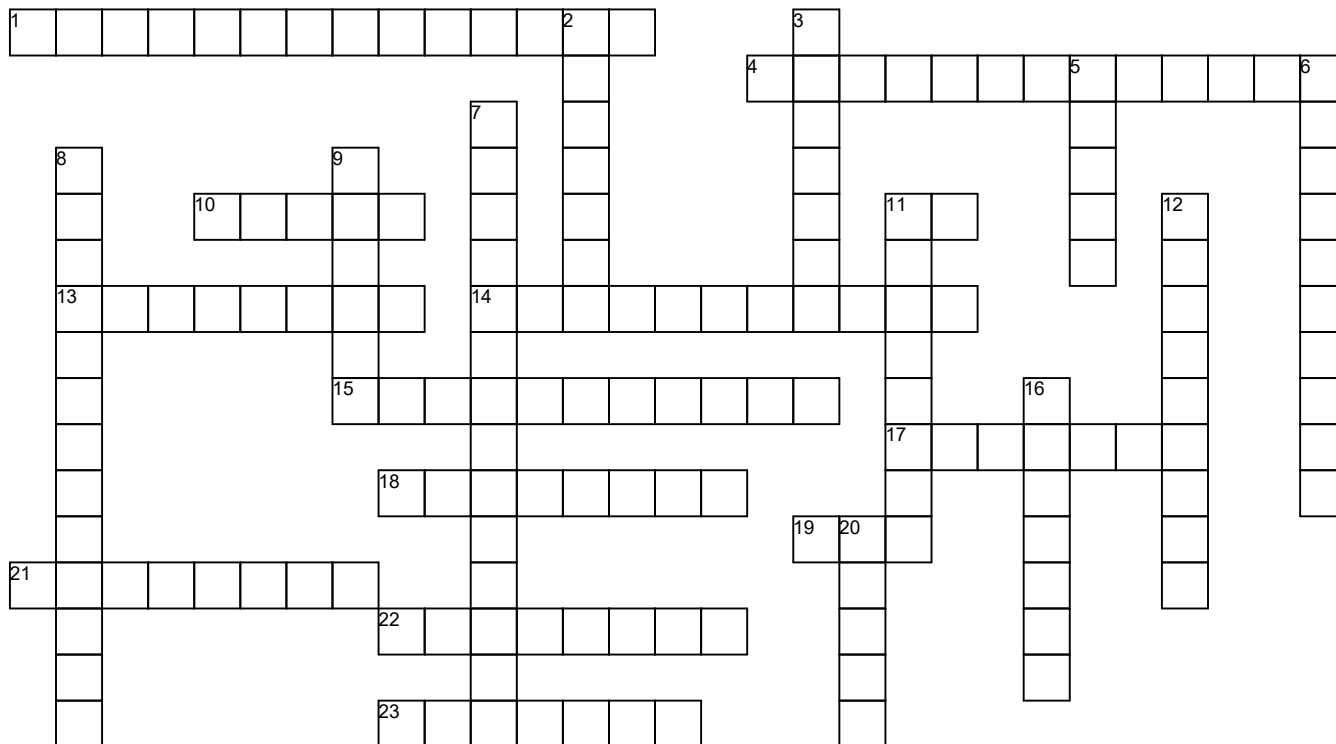


# Chemistry Terms Review Crossword Puzzle 1

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



## ACROSS

1. Forces within a molecule.
4. A type of radiation consisting of two protons and two neutrons.
10. Type of bond where atoms transfer electrons.
11. A measure of how acidic or basic a solution is.
13. Adding more solvent to decrease the concentration of a solution.
14. The process by which cells convert glucose and oxygen into energy.
15. A reaction that absorbs energy.
17. The electrode where reduction occurs.
18. A negatively charged particle orbiting the nucleus.
19. A state of matter with no fixed shape or volume.
21. The time it takes for half of a radioactive substance to decay.
22. A homogeneous mixture of two or more substances.
23. A representation of the elements in a compound.

## DOWN

2. A solution where the solvent is water.
3. A substance that cannot be broken down into simpler substances.
5. A type of reaction involving the transfer of electrons.
6. A reaction that releases energy.
7. Forces between molecules.
8. Capable of being broken down by natural processes.
9. A molecule with two poles of opposite charge.
11. The substances formed in a chemical reaction.
12. A chemical reaction in which two or more substances combine to form a new compound.
16. A measure of acidity or alkalinity of a solution.
20. The electrode where oxidation occurs.

---

intermolecular

respiration

biodegradable

intramolecular

endothermic

cathode

element

aqueous

pH scale

alpha particle

dilution

pH

formula

anode

synthesis

ionic

products

electron

half-life

solution

dipole

exothermic

gas

redox