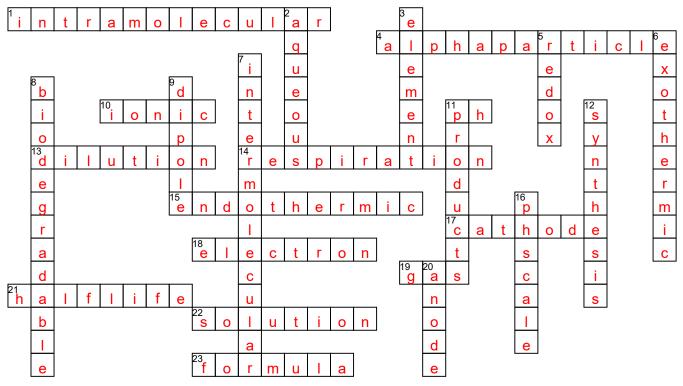
## Chemistry Terms Review Crossword Puzzle 1

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	рН
formula	anode	synthesis
ionic	products	electron
half-life	solution	dipole
exothermic	gas	redox