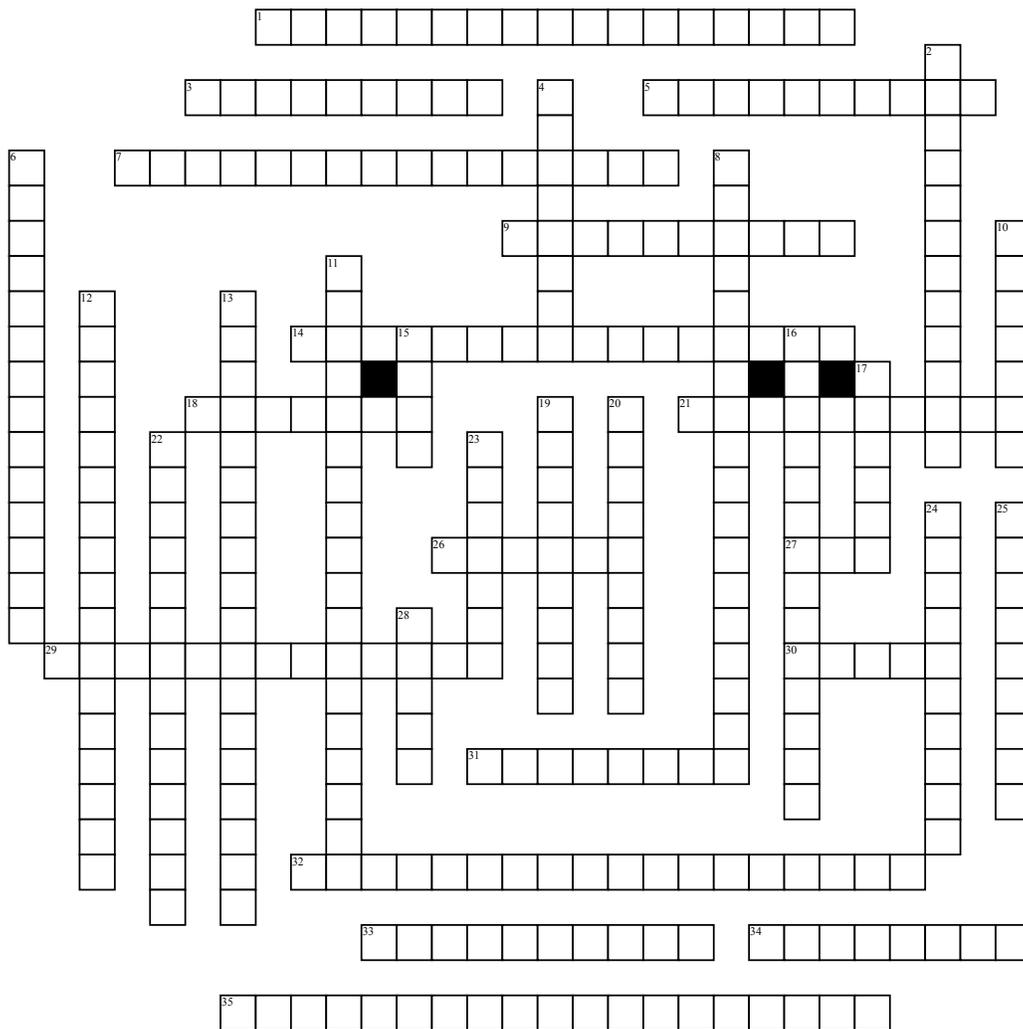


Chemistry Vocab



Across

1. Molecule containing two or more atoms of the same element in fixed proportions
3. A chemical reaction that adds oxygen to a substance to produce an oxide
5. Liquids that are not capable of being mixed together to form stable solutions
7. The study of substances that contain carbon
9. Tail that is oil-loving
14. A solution that has a pH above 7.
18. Colorless gas with a pungent odor that is composed of hydrogen and nitrogen
21. The separation of an atom/molecule into cations and anions
26. Any substance that occupies space and has mass
27. An atom/molecule that carries an electrical charge
29. What alkaline substances are used to neutralize acids or raise to form salts
30. What are the smallest particles of an element
31. An unstable physical mixture of two or more immiscible substances plus an emulsifier

32. The study of substances that don't contain carbon and may contain hydrogen
33. What is rapid oxidation of a substance accompanied by the production of heat and light
34. Sweet, colorless, oily substance used as a solvent and as a moisturizer in skin and body creams
35. Chemical reactions that release significant amount of heat

Down

2. An AHA used in exfoliation and to lower the pH of products
4. Liquids that are mutually soluble
6. A solution that had a pH below 7.
8. Also known as redox
10. The simplest form of matter
11. Oil droplets emulsified in water
12. Also known as compounds
13. What are characteristics that can only be determined by a chemical reaction and a chemical change in the substance
15. What acids are derived from plants that are often used to exfoliate the skin

16. Substance that releases oxygen
17. What is an ion with a positive charge called
19. Subatomic particles with a negative charge
20. Multiples of 10
22. What is a change in the chemical composition or make-up of a substance
23. Also known as a bases
24. An ingredient that brings two normally incompatible materials together and binds them into a uniform and stable blend.
25. What is the science that deals with the composition, structures, and properties of matter and how matter changes under different conditions
28. What is an ion with a negative electrical charge called

Word Bank

Inorganic chemistry	Organic chemistry	Chemistry	Lipophilic	Emulsifier	Anion
Exothermic reactions	Oil-in-water emulsion	Logarithm	Alkaline solution	Alkanolamines	Chemical change
Glycerin	Atoms	Glycolic acid	Electrons	Matter	AHAs
Oxidation	Immiscible	Ammonia	Chemical properties	Oxidizing agent	Alkalis
Cation	Ionization	Element	Combustion	Acidic solution	Compound molecules
Miscible	Ion	Oxidation-reduction	Elemental molecule	Emulsion	