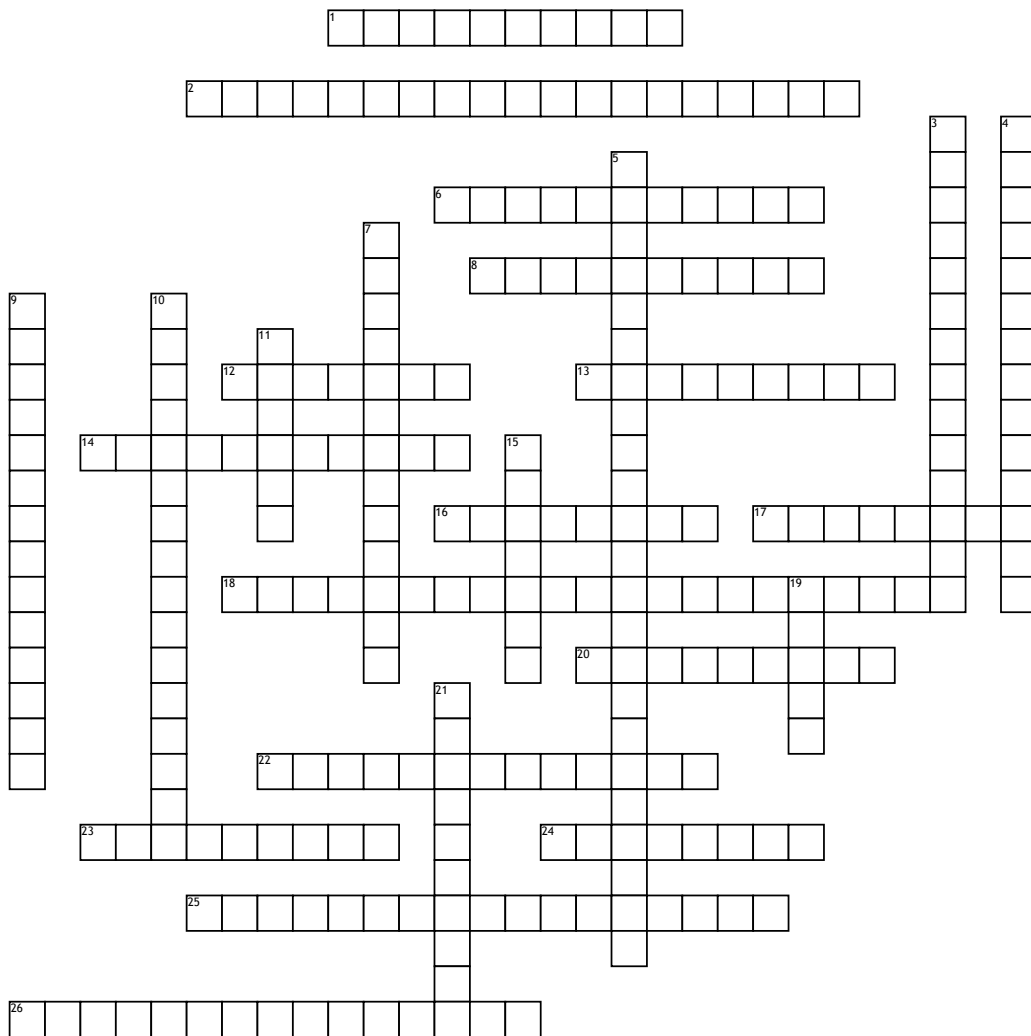


Chemistry Crossword



Across

1. Incapable of bringing mixed or blended together
2. Properties of solutions that depend on ratio of the number of solute particles to number of solvent molecules in a solution
6. Chemical compound that can conduct electricity
8. Heterogeneous mixture in which solute-like particles settle out of a solvent-like phase sometime after their introduction
12. Dissolves other substances
13. A substance that won't dissolve in a solvent even after mixing
14. A solution below point of saturation
16. Homogeneous mixture composed of two or more substances
17. Concentration of a substance as measured by the number of moles divided by the volume of the solution it's in

18. Phenomenon that the boiling point of a solvent will be higher when another compound is added
20. At a constant temperature, the amount of a given gas dissolved in a given type and volume of liquid is directly proportional to the partial pressure of that gas in equilibrium with that liquid
22. Scattering of light and a light beam passes through through colloid
23. Holding as much water or moisture that can be absorbed
24. Substances that mix or blend together
25. A solution/solute that completely, or almost completely, ionizes or dissociates in a solution
26. Electrolyte that doesn't completely dissociate in an aqueous solution

Down

3. When molecules or ionic compounds separate/split into smaller particles

4. A substance that does not readily ionize when dissolved or melted and is a poor conductor of electricity
5. Decrease of the freezing point of a solvent on addition of a non-volatile solute
7. The strength of a solution
9. An oversaturated solution
10. Foods that contain this are butter, margarine, salad dressing, mayonnaise, and ice cream
11. Dissolved in the solution
15. A homogeneous, noncrystalline substance consisting of large molecules of one substance dispersed through a second substance
19. Mixture of two or more metals
21. Ability of a substance to dissolve in a solvent

Word Bank

Emulsifying Agent
Colloid
Alloy
Solubility
Molarity
Insoluble
Solution

Suspension
Boiling Point Elevation
Colligative Property
Disassociation
Immiscible
Solvent
Solute

Tyndall Effect
Nonelectrolyte
Electrolyte
Supersaturated
Henry's Law
Weak Electrolyte

Saturated
Strong Electrolyte
Concentration
Miscible
Unsaturated
Freezing Point Depression