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e.g. Solution Vocab

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|  |  |  |  |  | 3I |  O |  N |  I |  Z |  A |  T |  I |  O |  N |  |  |  U |  |  |
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|  |  |  |  |  |  |  | 5B |  | 6P |  |  |  |  |  |  |  |  P |  |  O |
|  |  |  |  |  |  |  |  A |  |  H |  | 7S |  | 8S |  | 9T |  |  E |  |  N |
|  | 10S |  |  |  | 11A |  |  S |  |  | 12S |  O |  L |  U |  T |  I |  O |  N |  |  C |
|  |  A |  | 13N |  |  C |  |  E |  |  |  |  L |  |  P |  |  T |  |  S |  |  E |
|  |  T |  |  E |  |  I |  |  | 14S |  O |  L |  U |  T |  E |  |  R |  |  I |  |  N |
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| **Across****1.** the hydrogen ion bonded to a molecule of water, H3O + , the form in which hydrogen ions are found in aqueous solution.**3.** is the process of converting an atom or molecule into an ion by adding or removing charged particles such as electrons or ions.**12.** combination of a solvent and a solute**14.** dissolving medium in a solution**15.** mixture whose size of particles are between those in a suspension and true solution**16.** break apart**17.** amount if solute (moles) divided by amount of solution (liters)**18.** dissolving medium in a solution**19.**  a chemical detector for protons in acid-base titrations | **Down****2.** mixture whose size of particles are large enough to settle out.**4.** amount of solute and amount of solution**5.** is a substance that, in aqueous solution, is slippery to the touch, tastes bitter, changes the colour of indicators **6.** scale that measure how acidic something is**7.**  amount of substance that can be dissolved in a certain volume of 'solvent'.**8.** put in more solute that is possible**9.** A method of quantitative analysis of finding concentration**10.** water can't hold anymore solute **11.** a substance that yields hydrogen ions in solution and from which hydrogen may be displaced by a metal to form a salt**13.** pH = 7 |