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e.g. Solution Vocab

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|  | 10  S |  |  |  | 11  A |  | S |  |  | 12  S | O | L | U | T | I | O | N |  | C |
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|  | T |  | E |  | I |  |  | 14  S | 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 |