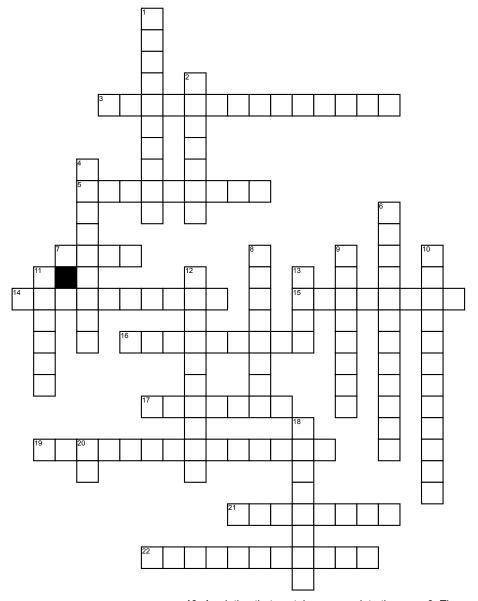
Chemistry Crossword Puzzle



Across

- **3.** The measurement of the amount of solute that is dissolved in a given quantity of solvent.
- **5.** A chemical compound that changes color and structure when exposed to certain conditions and is therefore useful for chemical tests.
- **7.** A substance that is slippery to the touch and tastes bitter; classified by numbers larger than 7 on the pH scale.
- **14.** The process by which an atom or a molecule acquires a negative or positive charge by gaining or losing electrons to form ions, often in conjunction with other chemical changes.
- **15.** A mixture whose size of particles are between those in a suspension and a true solution.
- **16.** A solution containing the maximum amount of solute for a given amount of solvent.
- **17.** The dissolving medium in a solution.

- **19.** A solution that contains more solute than it can theoretically hold.
- 21. The concentration of solute in a solution measured in moles of solute per liter of solution
- **22.** A mixture whose size of particles are large enough to settle out.

Down

- **1.** Any acid that ionizes completely in solutions.
- An object that does not have a positive or negative charge; a liquid that is not exceedingly basic or acidic.
- **4.** A technique where a solution of known concentration is used to determine the concentration of an unknown solution.
- **6.** A process in which molecules separate or split into smaller particles such as atoms.
- 8. A combination of a solvent and a solute.

- **9.** The concentration of solute in a solution measured in moles of solute per kilogram of solvent.
- **10.** The ion H3O+; consisting of a water molecule and is present in all aqueous acids.
- 11. The dissolved particles in a solution.
- **12.** The amount of a substance that dissolves in a given quantity of solvent at specific conditions
- **13.** A chemical substance that neutralizes bases, dissolves some metals; a corrosive or sour-tasting liquid.
- **18.** An acid that dissociates incompletely, releasing only some of its hydrogen atoms into the solution.
- **20.** A scale expressing the acidity or alkalinity of a solution; 7 is neutral, whereas lower numbers are more acidic and higher numbers are more basic.