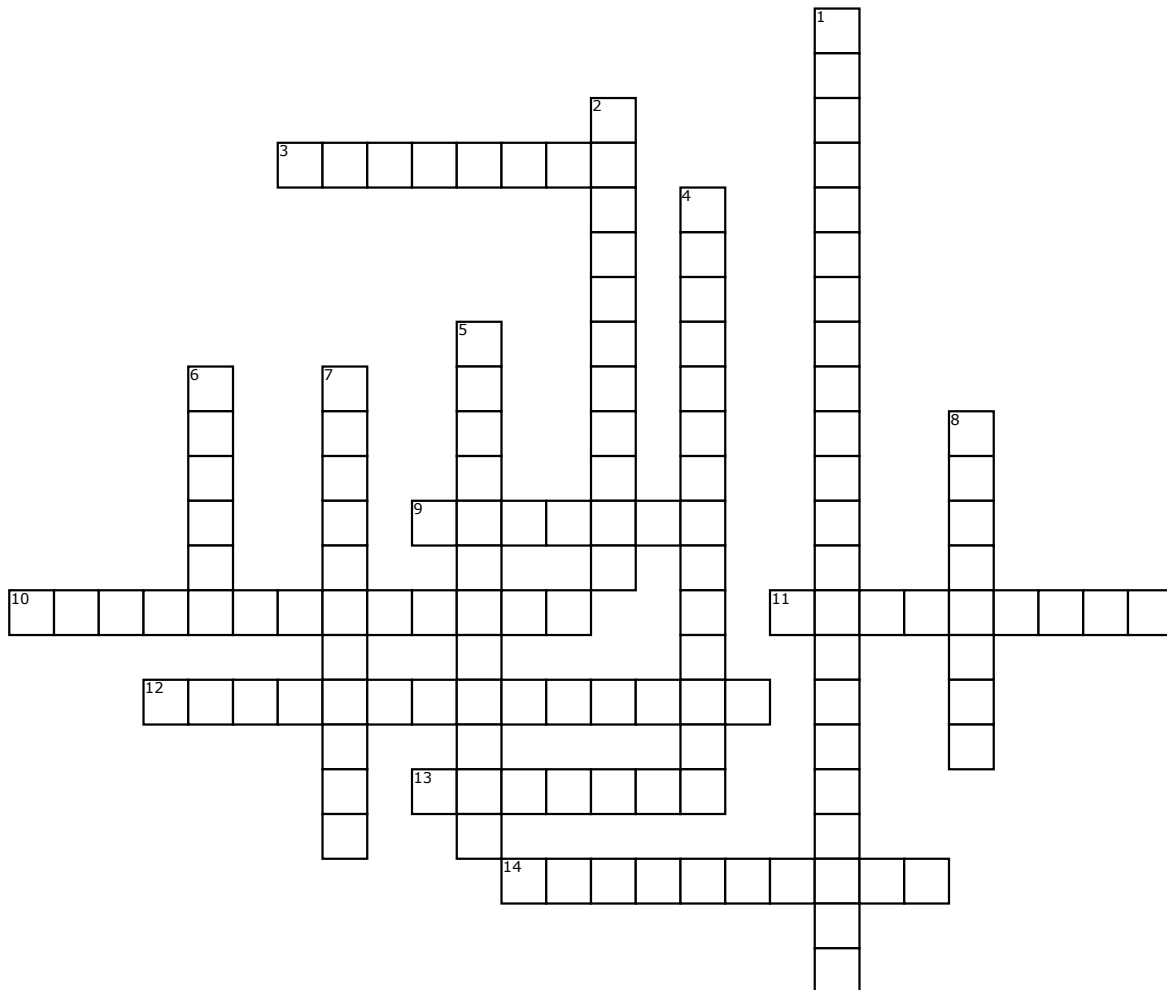


# Chemistry



**Across**

- 3.** A homogenous mixture
- 9.** The substance in which the solute is dissolved
- 10.** The amount of a particular substance in a given quantity of a solution
- 11.** A solution that cannot dissolve any more solute under the given conditions
- 12.** A substance that does not allow the flow of an electric current
- 13.** A mixture consisting of tiny particles

- 14.** The ability of one substance to dissolve in another

**Down**

- 1.** A physical state in which the opposing process of dissolution and crystallization of a solute occur at equal rates
- 2.** A solution that contains less solute than a saturated solution
- 4.** A solution holding more dissolved solute than what is required

- 5.** The separating of a molecule into simpler molecules
- 6.** The substance that is dissolved in the solvent
- 7.** A substance that dissolves in water to give a solution that conducts an electric current
- 8.** A concentration unit of a solution expressed as moles of solute dissolved per liter of solution