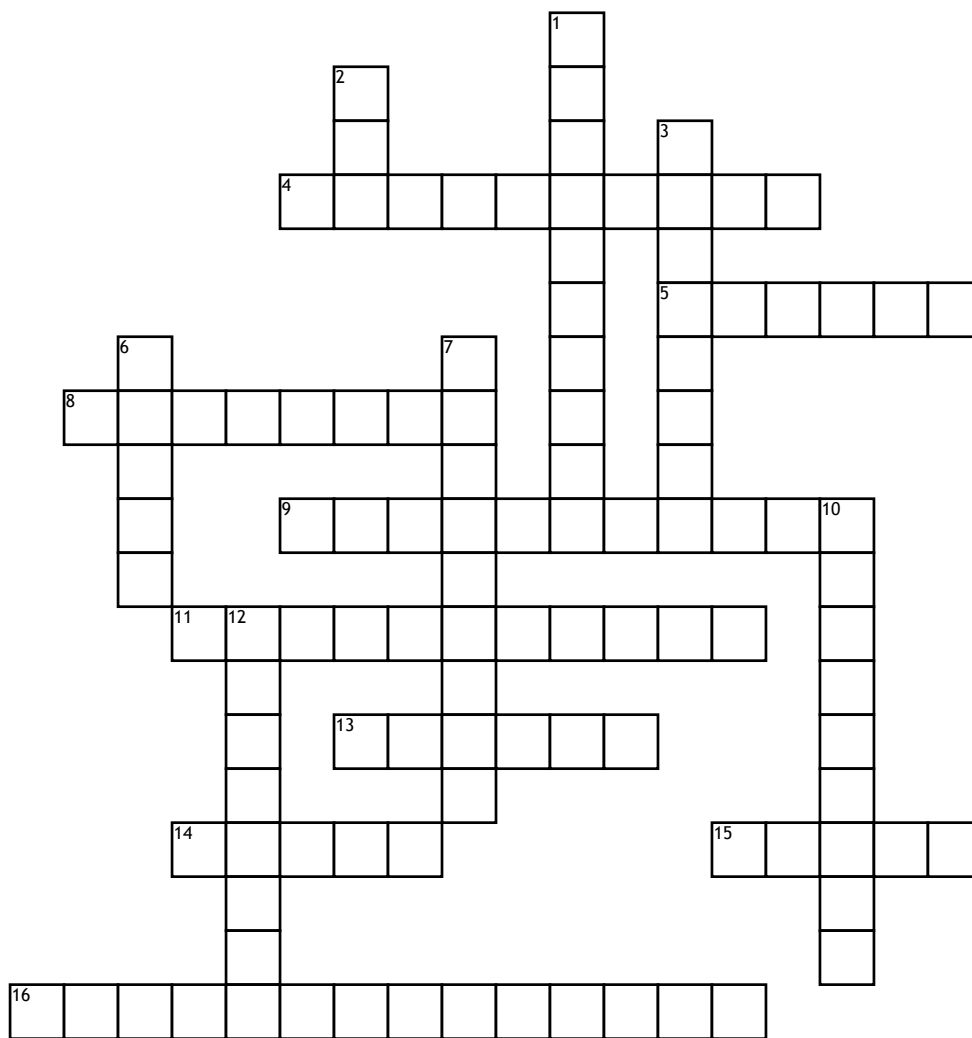


# Solutions Vocabulary



**Across**

- 4. Property that identifies how much of a solute can be dissolved in a solvent
- 5. The solvent in a mixture of: 15% Copper, 25% Carbon, & 40% Cobalt
- 8. What is formed when a solute and solvent are combined
- 9. Having the same appearance throughout the entire solution
- 11. A solution that could dissolve even more solute in a solution

- 13. Bronze is 90% Copper & 10% Tin which makes tin the
- 14. Sodium fluoride dissolves in water because it is
- 15. Universal Solvent
- 16. Solution that contains more solute than it should be able to at a certain temperature

**Down**

- 1. Liquid water and liquid hexane do not mix because they are
- 2. Dissolves in water - MgO, CH<sub>4</sub>, Cu, or Oil

- 3. When two liquids, like water and vinegar, mix together and appear the same throughout
- 6. Polarity associated with water molecules
- 7. Iron or Zinc metal in water as opposed to Alka Seltzer or Sugar
- 10. A solution where particles have settled to the bottom of the container
- 12. "Like Dissolves Like" means hexane (nonpolar) dissolves substances that are

**Word Bank**

- |             |            |                |          |
|-------------|------------|----------------|----------|
| Homogeneous | Insoluble  | Supersaturated | Polar    |
| Saturated   | MgO        | Ionic          | Miscible |
| Solute      | Immiscible | Unsaturated    | Cobalt   |
| Nonpolar    | Solubility | Solution       | Water    |