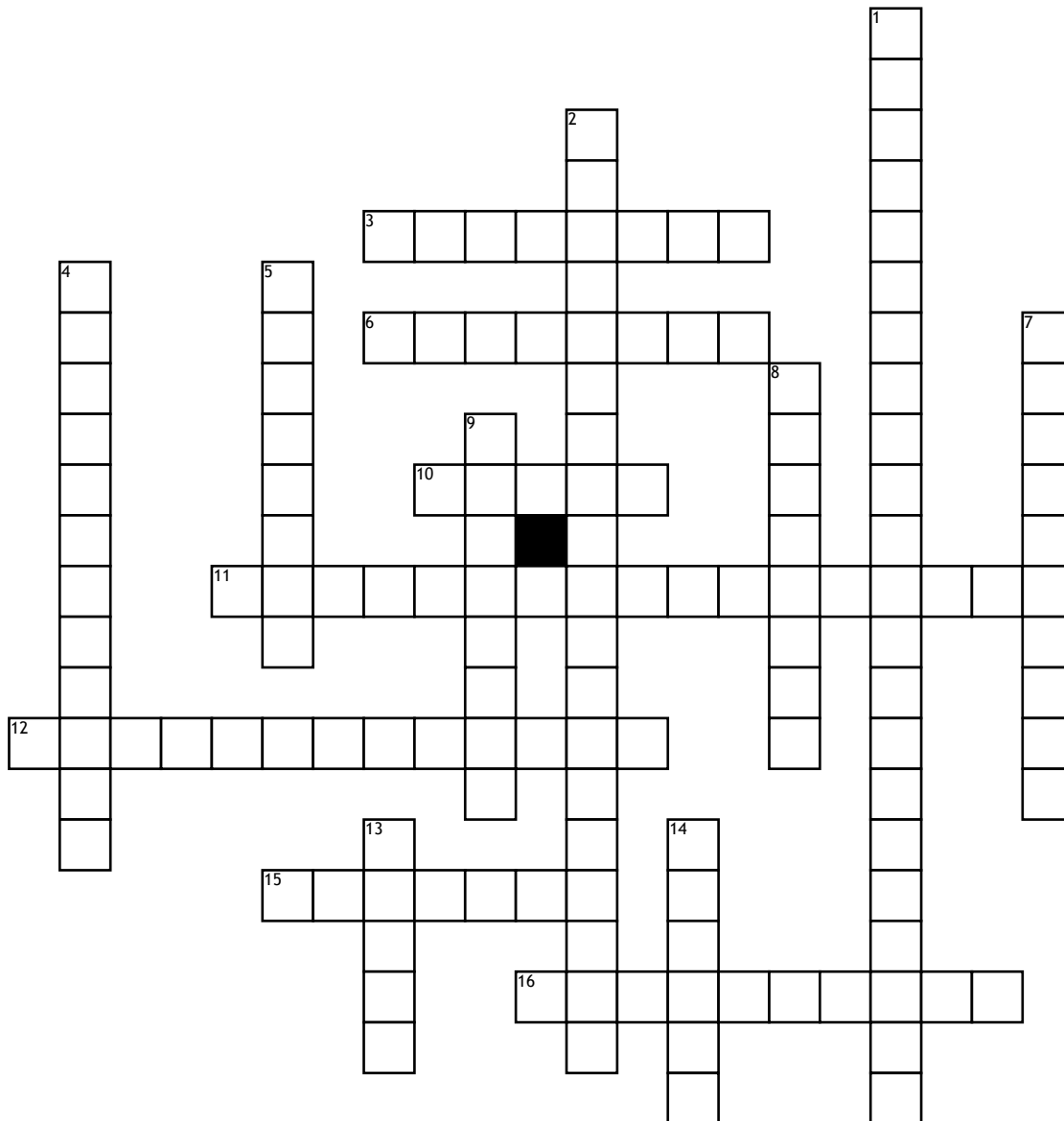


Physical Science



Across

3. a fine dispersion of minute droplets of one liquid in another in which it is not soluble or miscible.

6. a means of solving a problem or dealing with a difficult situation.

10. having electrical or magnetic polarity.

11. A saturated solution is a chemical solution containing the maximum concentration of a solute dissolved in the solvent.

12. the action or power of focusing one's attention or mental effort.

15. able to dissolve other substances.

16. that dissolves in a unit volume of a liquid substance (called the solvent)

Down

1. Supersaturation is a state of a solution that contains more of the dissolved material than could be dissolved by the solvent under normal circumstances

2. The solvent for the ocean is water, a liquid, and salt is the solute.

4. a weak bond between two molecules resulting from an electrostatic attraction between a proton in one molecule and an electronegative atom in the other.

5. Bonds that are partly ionic are called polar covalent bonds.

7. a fine dispersion of minute droplets of one liquid in another in which it is not soluble or miscible.

8. a substance that increases the rate of a chemical reaction without itself undergoing any permanent chemical change.

9. In chemistry, molarity is a concentration unit, defined to be the number of moles of solute divided by the number of liters of solution.

13. having electrical or magnetic polarity

14. the minor component in a solution, dissolved in the solvent.