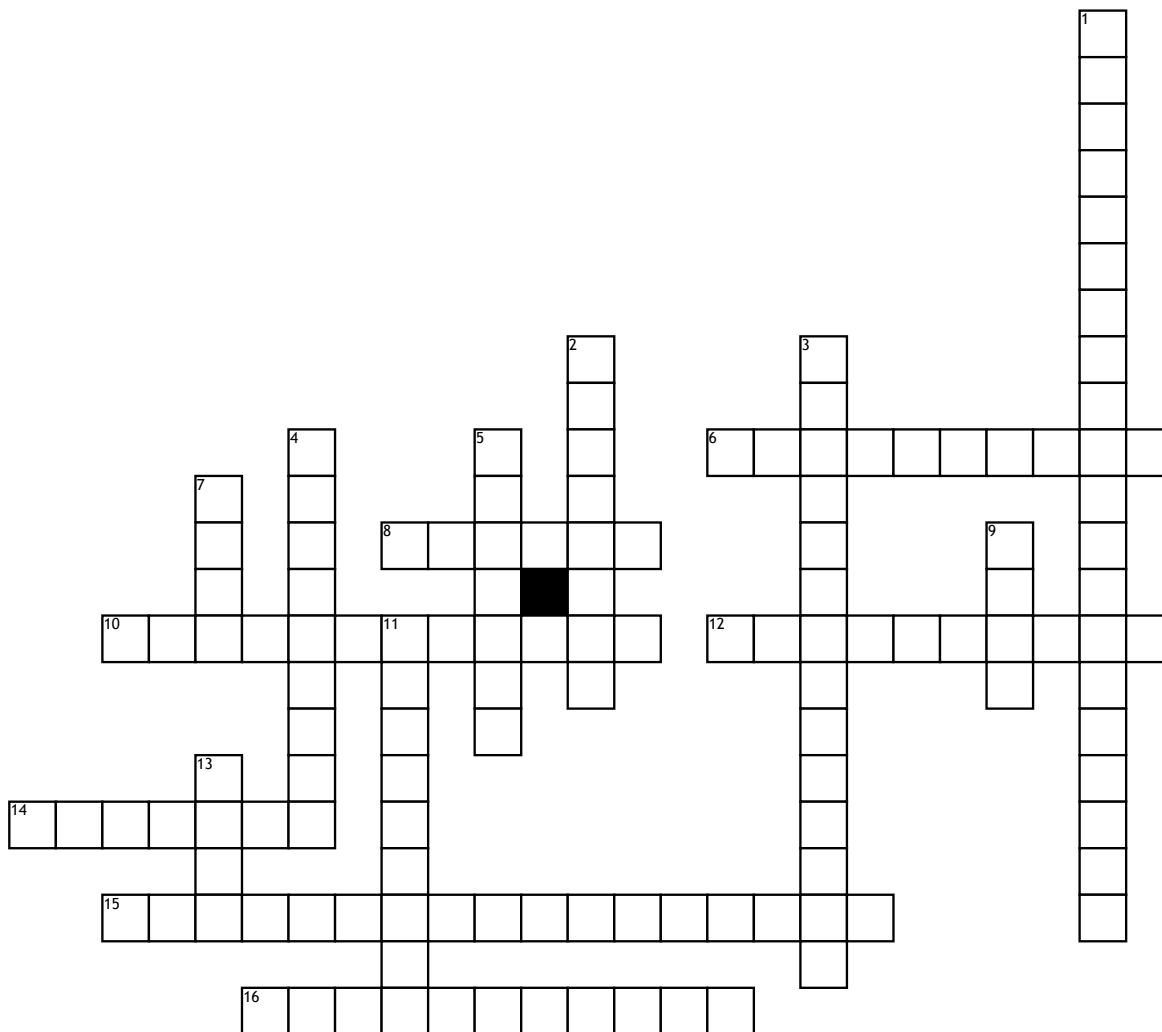


# Acids, Bases, and Solutions



**Across**

- 6. The measure of how well a solute can dissolve in a solvent at a given temperature.
- 8. Something that gets dissolved in another substance. An example of this is salt.
- 10. A negatively charged ion made of hydrogen and oxygen.
- 12. What is a mixture that can be easily separated?
- 14. A range of numbers used to express the concentration of hydrogen atoms in a solution

15. A mixture that has too much solute that it can't dissolve.

16. A positively charged ion formed of a hydrogen atom that has lost its electron.

**Down**

- 1. A mixture that has a lot of solute dissolved in it.
- 2. A well-mixed mixture.
- 3. A mixture that has little solute dissolved in it.
- 4. The way in which acids react with metals so as to eat away at the metal.

5. A substance dissolves in this. An example of this is water.

7. What causes litmus paper to turn red?

9. What causes litmus paper to turn blue?

11. A compound that changes color in the presence of an acid or a base.

13. What is an ionic compound made from the neutralization of an acid and a base?