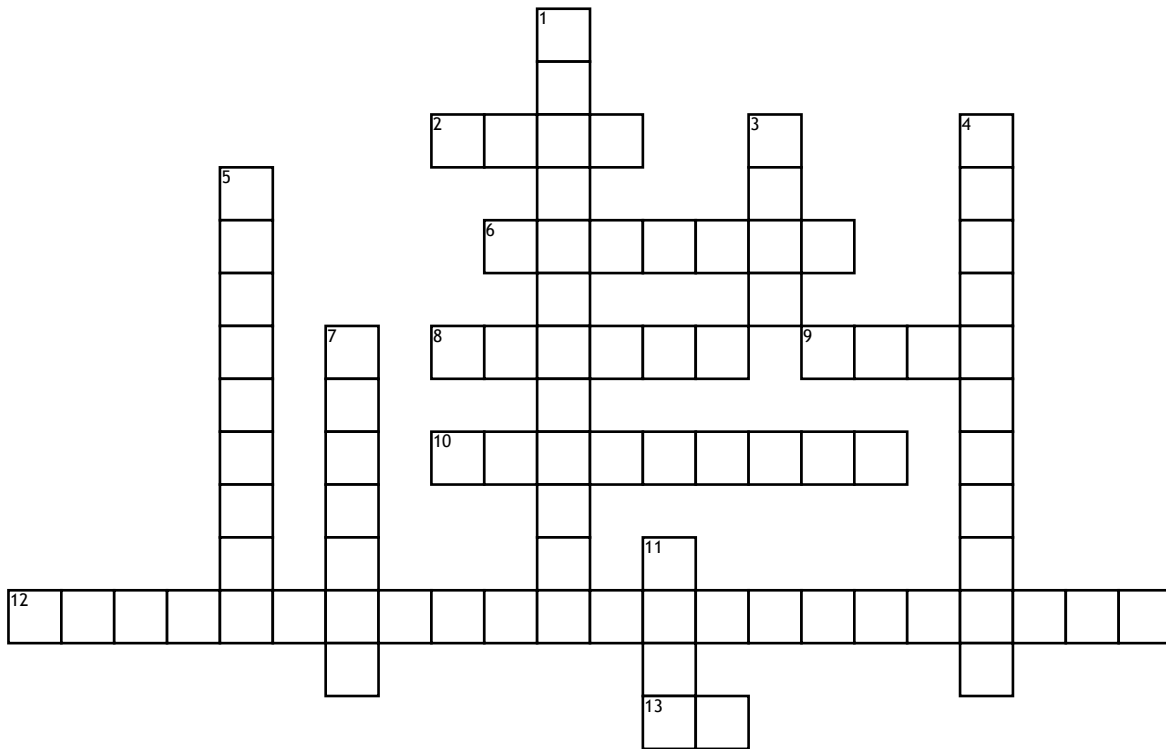


# Acids and Bases



**Across**

2. are substances that, in aqueous solution, are slippery to the touch, taste astringent, change the color of indicators

6. A substance, such as sodium bicarbonate, that neutralizes acid

8. clean and sterilize

9. a white crystalline substance that gives seawater its characteristic taste

10. a water-soluble cleansing agent that combines with impurities and dirt to make them more soluble and differs from soap in not forming a scum with the salts in hard water

12. is a chemical reaction in which an acid and a base react quantitatively with each other

13. is a measure of hydrogen ion concentration

**Down**

1. a chemical liquid that destroys bacteria

3. a chemical substance that neutralizes alkalis, dissolves some metals, and turns litmus red; typically, a corrosive or sour-tasting liquid of this kind

4. a chemical compound that conducts electricity by changing into ions when melted or dissolved into a solution

5. any substance that gives a visible sign, usually by a colour change, of the presence or absence of a threshold concentration of a chemical species, such as an acid or an alkali in a solution

7. value is a number from 1 to 14, with 7 as the middle (neutral) point

11. a substance used with water for washing and cleaning, made of a compound of natural oils