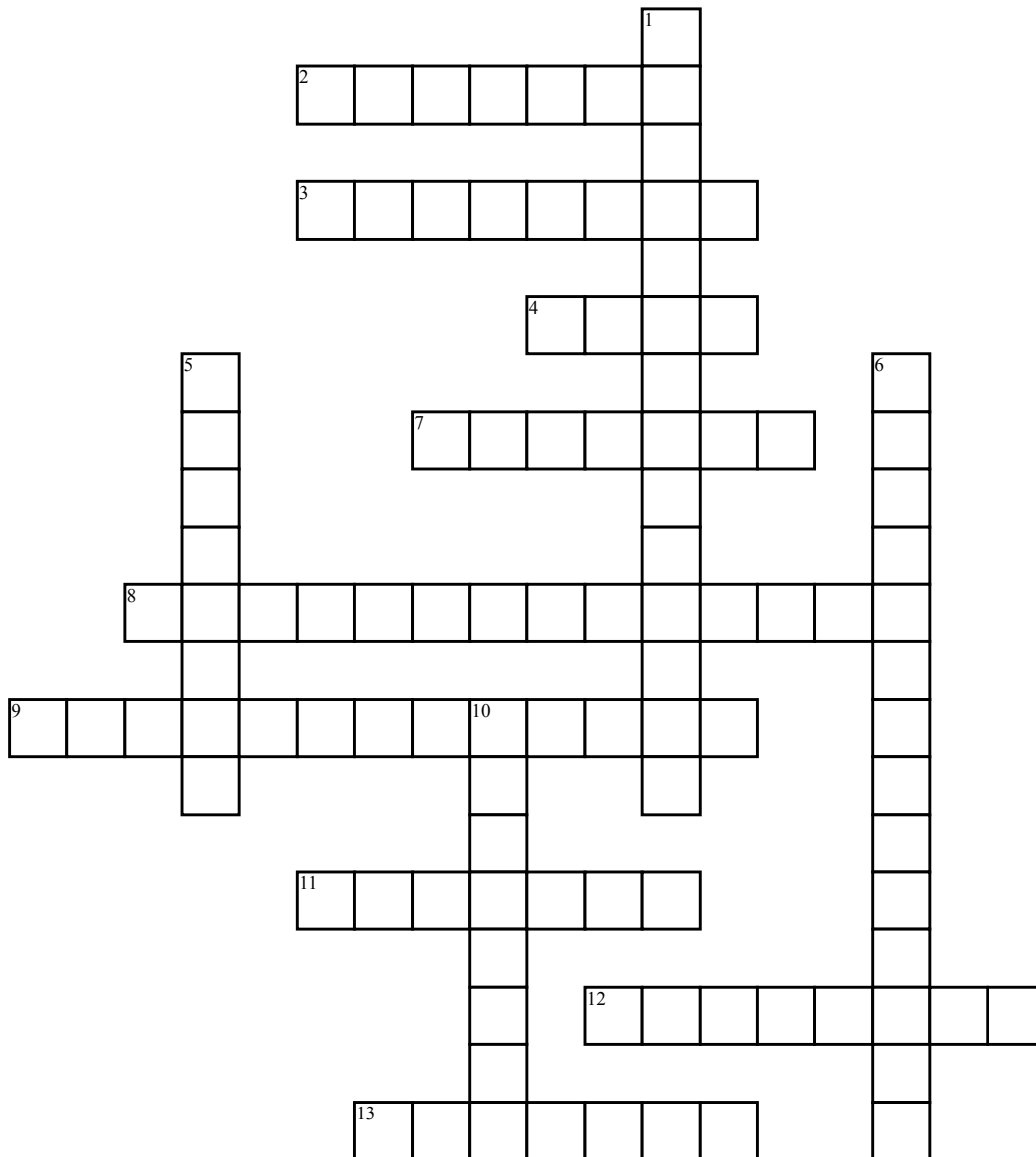


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Terminology Crossword Puzzle



## Across

2. each of two or more forms of the same element that contain equal numbers of protons but different numbers of neutrons in their nuclei,  
 3. a liquid mixture in which the minor component is uniformly distributed within the major component  
 4. proton acceptor, increase the concentration of OH<sup>-</sup> ions when dissolved in water, greater than 7 on the PH scale, bitter in taste  
 7. the positively charged central core of an atom, consisting of protons and neutrons and containing nearly all its mass; a dense organelle present in most eukaryotic cells, typically a single rounded structure bounded by a double membrane, containing the genetic material

8. a complex of vesicles and folded membranes within the cytoplasm of most eukaryotic cells, involved in secretion and intracellular transport  
 9. lubricate the mouth, help with swallowing, protect teeth against bacteria, aid in food digestion  
 11. simple sugar, important energy source. Component of many carbohydrates  
 12. the state of a solution in respect of osmotic pressure  
 13. able to dissolve other substances.

## Down

1. tissue that forms a smooth, transparent, two-layered membrane lubricated by a fluid derived from serum

5. taking place with normal contraction; denoting or relating to a solution having the same osmotic pressure as some other solution, especially one in a cell or a body fluid.  
 6. any of the class of sugars (e.g., glucose) that cannot be hydrolyzed to give a simpler sugar.  
 10. a colorless, sweet, viscous liquid formed as a byproduct in soap manufacture. It is used as an emollient and laxative, and for making explosives and antifreeze.