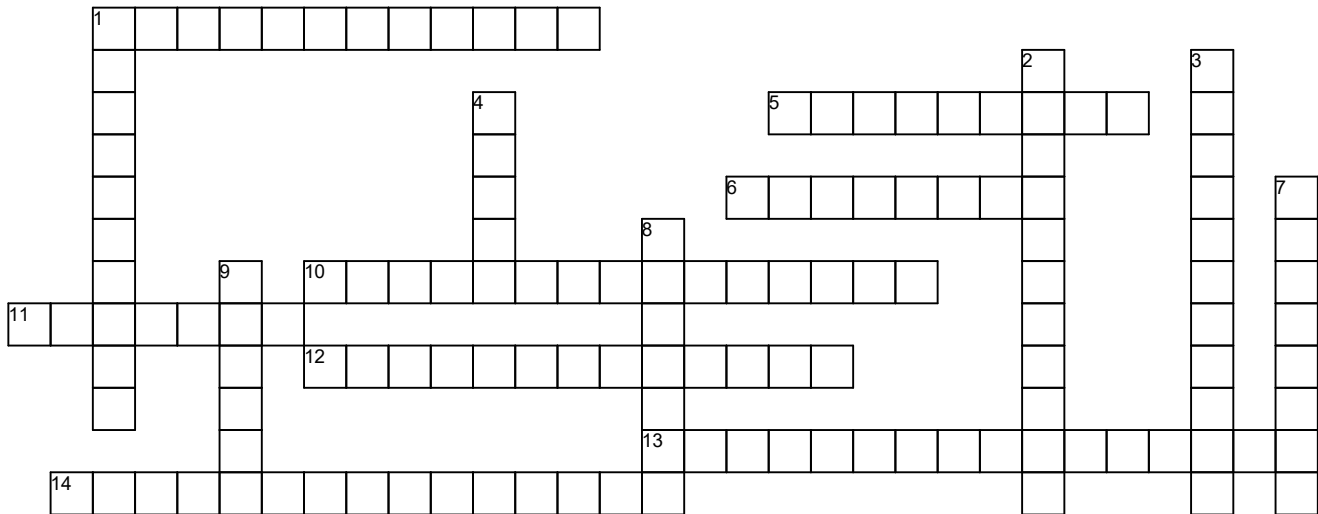


# Biology Vocabulary Crossword Puzzle 13

1. Using the Across and Down clues, write the correct words in the numbered grid below.



## ACROSS

1. RNA molecule that carries copies of instructions for the assembly of amino acids into proteins from DNA to the rest of the cell.
5. A relationship between two species in which both species benefit.
6. A small, round cell structure containing chemicals that break down large food particles into smaller ones.
10. A cross between individuals that involves one pair of contrasting traits.
11. Cell division that produces reproductive cells in sexually reproducing organisms.
12. An organism that has both male and female reproductive organs.
13. A solution in which the concentration of solutes is essentially equal to that of the cell which resides in the solution.
14. Simple sugars (glucose, fructose, galactose).

## DOWN

1. All of the chemical reactions that occur within an organism.
2. Long-term resting state that is an adaptation to winter cold and food scarcity.
3. "Water-fearing"; pertaining to nonpolar molecules (or parts of molecules) that do not dissolve in water.
4. An electron carrier involved in photosynthesis.
7. thin layer of tissue that covers a surface, lines a cavity, or divides a space or organ.
8. Part of eukaryotic cell division during which the cell nucleus divides.
9. Energy-rich organic compounds, such as fats, oils, and waxes, that are made of carbon, hydrogen, and oxygen.

isotonic solution  
monohybrid cross  
lipids  
hermaphrodite

messenger RNA  
lysosome  
meiosis  
mitosis

hydrophobic  
NADPH  
mutualism  
metabolism

monosaccharides  
hibernation  
membrane