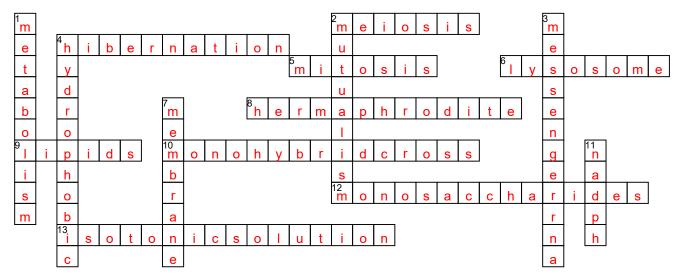
Biology Vocabulary Crossword Puzzle 5

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



ACROSS

- 2. Cell division that produces reproductive cells in sexually reproducing organisms.
- 4. Long-term resting state that is an adaptation to winter cold and food scarcity.
- 5. Part of eukaryotic cell division during which the cell nucleus divides.
- 6. A small, round cell structure containing chemicals that break down large food particles into smaller ones.
- 8. An organism that has both male and female reproductive organs.
- 9. Energy-rich organic compounds, such as fats, oils, and waxes, that are made of carbon, hydrogen, and oxygen.
- 10. A cross between individuals that involves one pair of contrasting traits.
- 12. Simple sugars (glucose, fructose, galactose).
- A solution in which the concentration of solutes is essentially equal to that of the cell which resides in the solution.

DOWN

- 1. All of the chemical reactions that occur within an organism.
- 2. A relationship between two species in which both species benefit.
- 3. RNA molecule that carries copies of instructions for the assembly of amino acids into proteins from DNA to the rest of the cell.
- 4. "Water-fearing"; pertaining to nonpolar molecules (or parts of molecules) that do not dissolve in water.
- 7. thin layer of tissue that covers a surface, lines a cavity, or divides a space or organ.
- 11. An electron carrier involved in photosynthesis.

| monohybrid cross | lysosome |
|------------------|---------------|
| hibernation | mutualism |
| metabolism | hydrophobic |
| meiosis | messenger RNA |

lipids membrane
mitosis isotonic solution
monosaccharides hermaphrodite
NADPH