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

Biochemistry crossword puzzle

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| **Across****2.** a fatty acid with all potential hydrgen binding sites filled**5.** a simple sugar**8.** a hexose sugar found especially in honey and fruit**10.** something that can not be dissolved **14.** used as a catalyst in a specific biochemical reaction**15.** any substance contaning a carbon based compound**16.** the major sugar in human and bovine milk**19.** used for making explosives and antifreeze**21.** present in most organic acids**23.** the process by which living cells that contain chlorophyll use light energy to make organic compounds **27.** hydrogen and oxygen atoms in a 2:1 ratio**28.** excessive loss of bottled water**29.** used as a sweetening agent**30.** a sugar or a carbohydrate, composed of two monosaccharides | **Down****1.** potatos, seeds, bulbs, and tubers**3.** promotes a reaction**4.** compound consisting of amino acids**6.** a fat that contains a double bond**7.** a statment suggesting an explanation for an observation or an answer**9.** any of a class of carbohydrates formed by repeating units**11.** building blocks for life**12.** alter the natural qualities of something**13.** carbohydrate found in cell walls**17.** derived from the breakdown of fats through hydrolysis**18.** sugar that serves as the main source of energy for most living things**20.** a lipid associated particulary with animal plasma**22.** a compound made up of several repeating units**24.** an abbreviation far a group where a carbon or hydrogen atom is attached the the rest of the molecule**25.** a molecule that may react chemically to another molecule of the same type to form a larger molecule**26.** a group name for lipids that contain a hydrogenated ring system |