

# Activity 64 Biology: Word Matching

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**Puzzle # 2 of 10:** Match definitions on the right with their corresponding word on the left.

Word Bank	Definition List
_____ 1. Product	(A) any of various water-soluble compounds having a sour taste and capable of turning litmus red and reacting with a base to form a salt.
_____ 2. Cell Hierarchy	(B) (physics and chemistry) the smallest component of an element having the chemical properties of the element.
_____ 3. Acid	(C) Cells >> Tissue >> organs >> organ systems >> organisms.
_____ 4. Fossil	(D) free movement or passage through a series of vessels (as of water through pipes or sap through a plant).
_____ 5. Organelle	(E) process by which molecules tend to move from an area where they are more concentrated to an area where they are less concentrated.
_____ 6. Enzyme	(F) any of several complex proteins that are produced by cells and act as catalysts in specific biochemical reactions.
_____ 7. Mutagens	(G) the remains (or an impression) of a plant or animal that existed in a past geological age and that has been excavated from the soil.
_____ 8. Atom	(H) the biological process whereby genetic factors are transmitted from one generation to the next.
_____ 9. Circulation	(I) Swedish botanist who proposed the modern system of biological nomenclature (1707-1778).
_____ 10. Diffusion	(J) agents, such as chemicals or radiation that damage or alter genetic material (DNA) in cells.
_____ 11. Respiration	(K) specialized structure that performs important cellular functions within a eukaryotic cell.
_____ 12. Heredity	(L) a chemical substance formed as a result of a chemical reaction.
_____ 13. Linnaeus	(M) the metabolic processes whereby certain organisms obtain energy from organic molecules.
_____ 14. Tissue	(N) a part of an organism consisting of an aggregate of cells having a similar structure and function.

**(Self-Check. Don't Peek!)**

1:L 2:C 3:A 4:G 5:K 6:F 7:J 8:B 9:D 10:E 11:M 12:H 13:I 14:N

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