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The Professor's Journal

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| **Across**  **7.** Carbohydrates, lipids, and proteins are called  **8.** A type of compound that lacks carbon  **11.** A bond formed between two nonmetal atoms, that are connected by a shared pair of valence electrons.  **12.** Uncharged particles | **Down**  **1.** In an ionic bond, there is a complete \_\_\_\_\_\_\_\_ of one or more electrons  **2.** The "core" of an atom where the protons and neutron reside  **3.** An ionic bond is formed between nonmetals and \_\_\_\_\_\_\_\_\_\_\_\_\_.  **4.** Particles that have a positive charge  **5.** Particles with a negative charge  **6.** A type of compound that has carbon  **9.** a substance that dissociates into one or more hydrogen ions (H+)  **10.** An attraction by oppositely charged ions |