**Carbohydrates**

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| **Monomer** |  |
| **Molecular Formulas** | **General:**  **Triose:**  **Pentose:**  **Hexose:** |
| **Common Functional Groups** | **Carbonyl:**    **Ketone:**  **Aldehyde:**  **Hydroxyl:** |
| **Disaccharide:** | **Polysaccharide:** |
| **Type of Reaction to form bond between Monomers** | **This type of bond is called:**  **These bonds are named based on:** |
| **Type of Reaction to Break bond between Monomers** |  |
| **Functions of polysaccharides** | **1)**  **2)** |
| **Structural polysaccharides**  **(type of bond, distinct features, digestible by humans?)** | **1)**  **2)** |
| **Storage polysaccharides**  **(type of bond, distinct features, digestible by humans?)** | **1)**  **2)**  **-**  **-** |
| **Linear structure of B-Glucose** | **Ring Structure of B-Glucose** |