|  |  |
| --- | --- |
|  | **Carbohydrates** |
| **General Function** |  |
| **Key Characteristics:****-molecules involved:****-ratio of molecules:****-general molecular formula:** **-general structure:** |  |
| **Simple Carbohydrates** **Examples**  **&****Structural Diagrams** | i) Glucose: monosaccharide | ii) Fructose: monosaccharide  | iii) Maltose: disaccharide |
| **Example of polymers** **&** **Structural Diagrams** | i) Starch | ii) Glycogen | Cellulose |





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|  |  |
| --- | --- |
|  | **Lipids** |
| **a)What key characteristic do ALL lipids have in common?****b) List 3 examples of lipids** |  |
| **List 3 Functions Lipids have in the body:** |  |
| **Draw a diagram to show the synthesis & hydrolysis of a fat. (See Fig 5.10)** |  |
| **Notes on Lipids***Read the text and make your own notes for each heading***Structural Diagrams***Be sure to highlight/note key differences on the diagrams* | i) Saturated Fatty Acids | ii) Unsaturated Fatty Acid | iii) Triglyceride |
| iv) Phospholipid | v) Steroids |  |

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