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

**Main Ideas Title: Lipids Notes** Period: \_\_\_ Seat:\_\_

The Basics

Atoms Monomer Name Polymer Name Functions

|  |  |  |
| --- | --- | --- |
|  |  |  |

Unique Lipids are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Characteristics \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ than other macromolecules



Types of Lipids: Composed of 1 glycerol and 3 fatty acids

 Fats Functions: 1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 2. Protection against heat loss (insulation)

 3. Protection against physical shock

 4. Protection against water loss



 Saturated vs. \_\_\_\_\_\_\_\_\_\_\_\_

 Unsaturated



 \_\_\_\_\_\_\_\_\_\_\_\_

Types of Lipids Function: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Phospholipids

Types of Lipids Function: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Steroids

 Key characteristics: In animals \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

for steroid hormones

 Obtained from food and synthesized in the liver

Summary