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

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

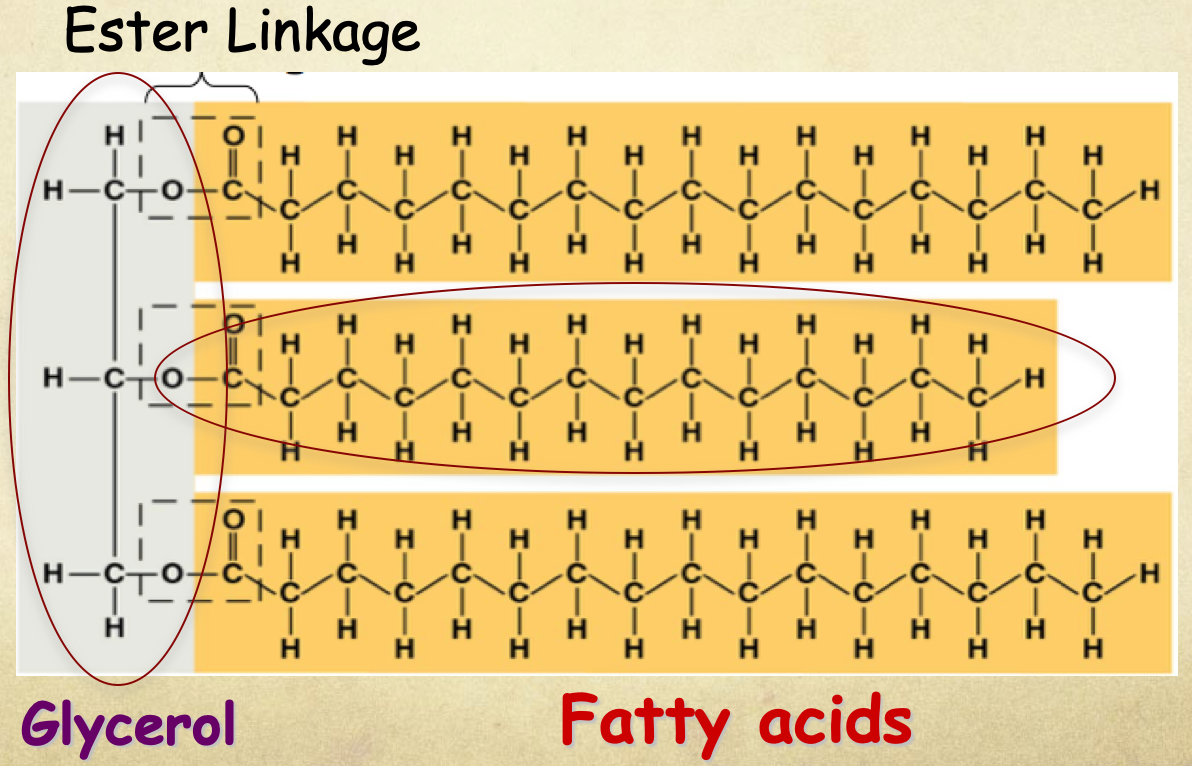
The Basics

Atoms Monomer Name Polymer Name Functions

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

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

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



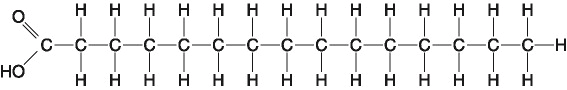
Types of Lipids: Composed of 1 glycerol and 3 fatty acids

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

2. Protection against heat loss (insulation)

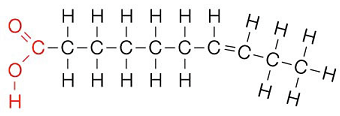
3. Protection against physical shock

4. Protection against water loss



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

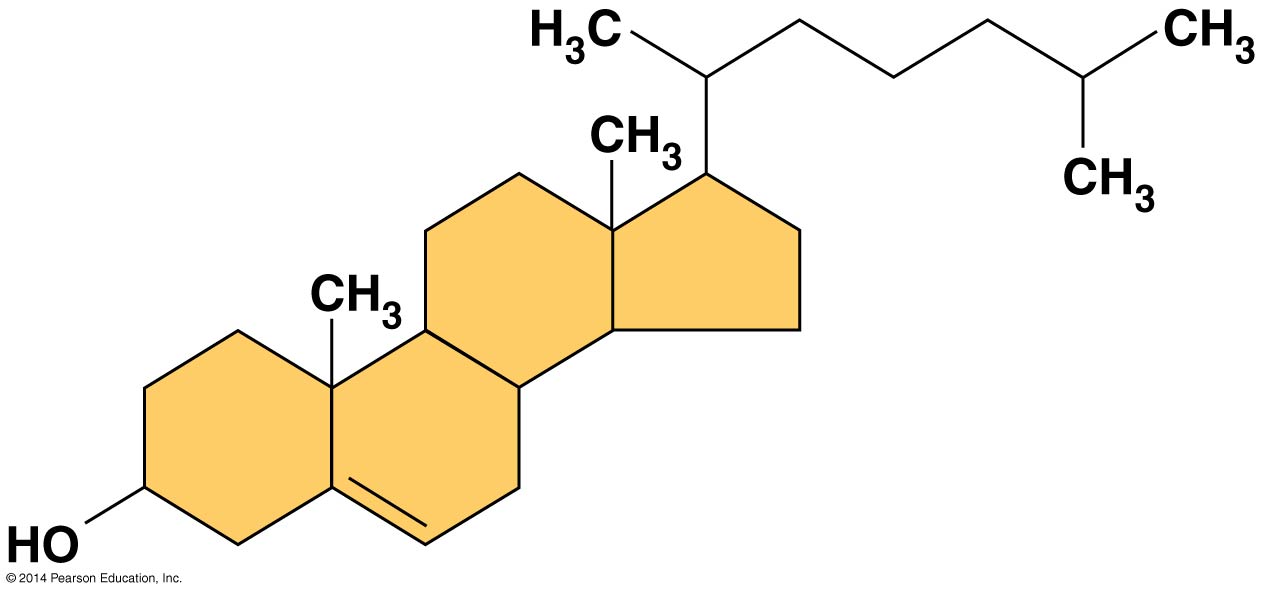
Unsaturated



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

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