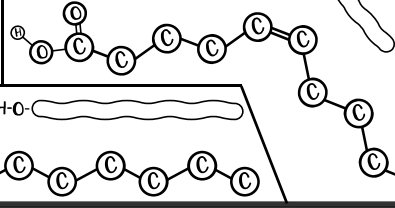


## FATTY ACIDS

### Unsaturated



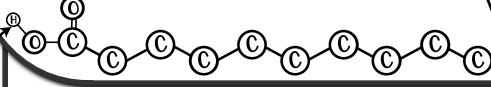
even more simplified drawings

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

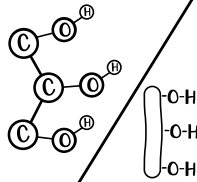
## Fatty Acids

simplified drawing

### Saturated

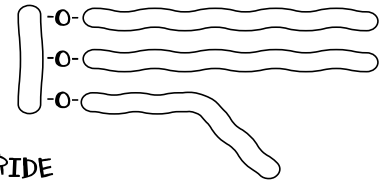


## GLYCEROL



## Triglycerides

TRIGLYCERIDE



## Nutrition Facts

Serving Size: 1 slice of cheese (17g)  
Servings Per Container: 20

### Amount Per Serving

**Calories** 70

Calories from Fat 50

Calories from Saturated Fat 35

### % Daily Value\*

**Total Fat** 6g **9%**

Saturated Fat 3.5g **18%**

Trans Fat 0g

Polyunsaturated Fat 2g

Monounsaturated Fat 0.5g

**Cholesterol** 20mg **6%**

**Sodium** 115mg **5%**

**Potassium** 0mg **0%**

**Total Carbohydrate** 0g **0%**

Dietary Fiber 0g **0%**

Sugars 0g

Other Carbohydrate 0g

**Protein** 4g **8%**

Vitamin A 4% Vitamin C 0%

Calcium 10% Iron 0%

Thiamin 0% Riboflavin 0%

Niacin 0% Folic Acid 0%

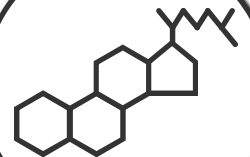
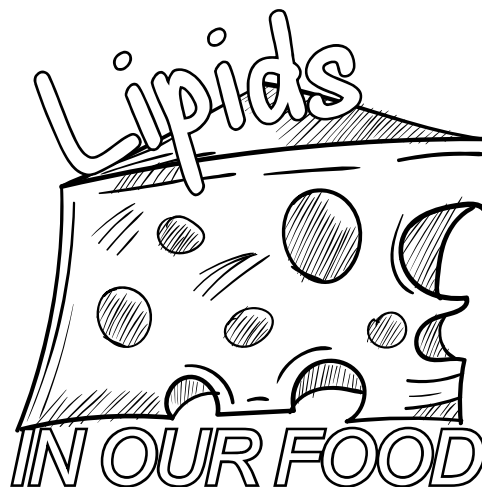
Percent(%) Daily Value are based on a 2,000 calorie diet.

PHOSPHOLIPID

phosphate group "head"

two fatty acid "tails"

© Bethany Lau



## Cholesterol

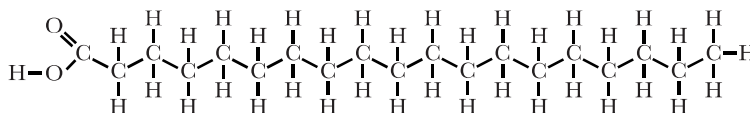
# Fatty Acids: Structure

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

Elements:

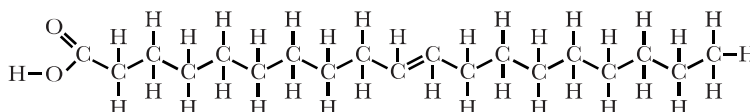
Functional Groups:

Saturated:

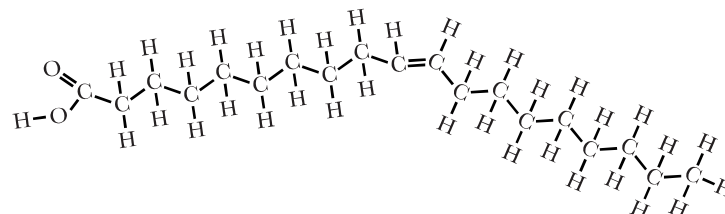


& Function

Trans-unsaturated

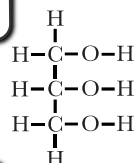


Cis-unsaturated

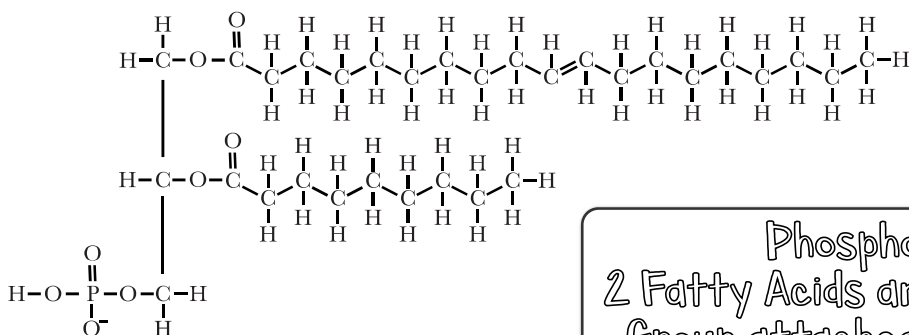
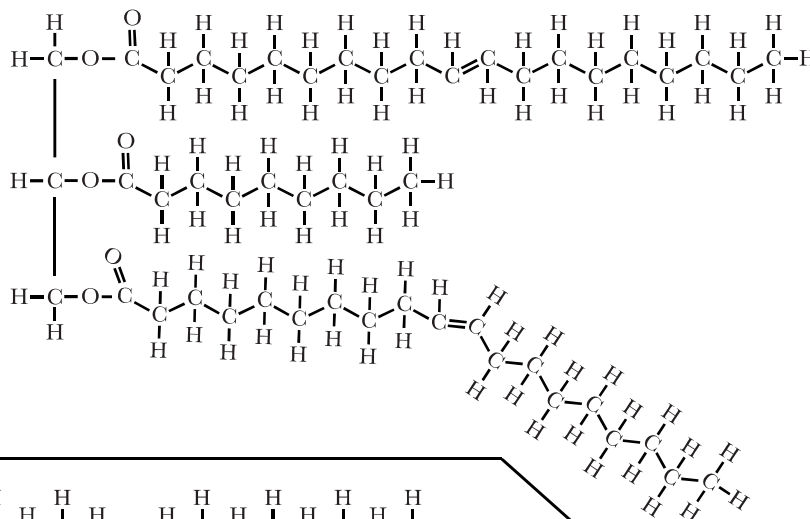


Triglycerides:  
3 Fatty Acids  
Plus a Glycerol

Glycerol



Function



Phospholipids:  
2 Fatty Acids and a Phosphate  
Group attached to a glycerol

Other Important Lipids:

## Lipids: Structure and Function