

Lipids

Name _____

Date _____

We just learned about lipids so let's practice our knowledge!

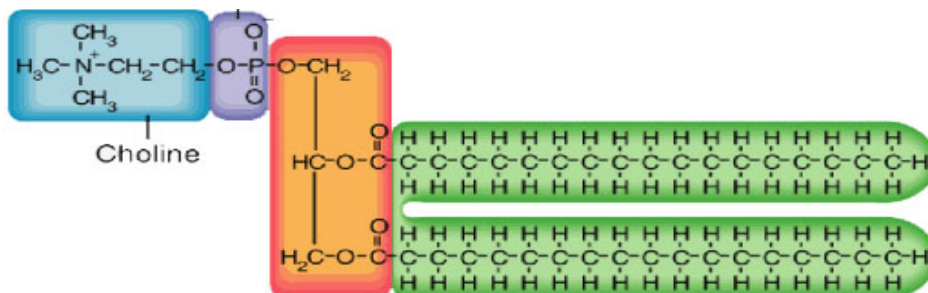
1. Fill in the blank. Words may be used more than once!

- Cell _____ are made up of a bilayer of _____.
- Fish, nuts, and oils are some of the common foods that contain _____.
- A(n) _____ is a fat soluble organic molecule that serves multiple functions in the body.
- Testosterone is an example of a(n) _____.
- The chemical structure of a phospholipid can be distinguished from the other lipids by the presence of a(n) _____.
- _____ is one of four types of lipids.

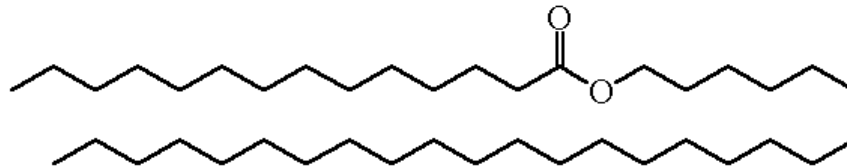
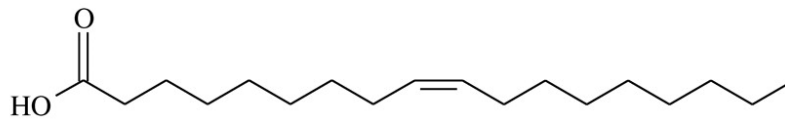
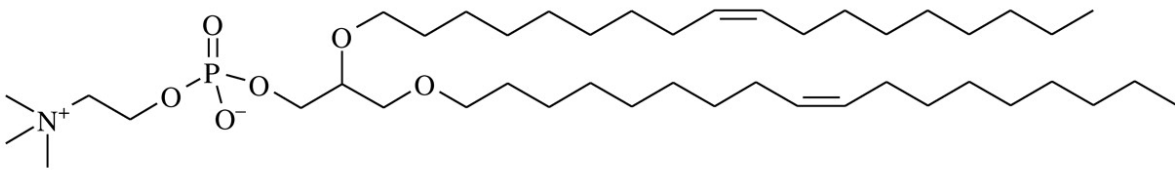
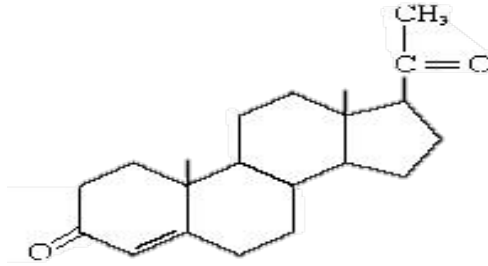
Wax
Fatty Acid(s)
Phospholipid(s)
Steroid(s)
Lipid(s)
Membrane(s)
Phosphate Group

2. Short-answer:

- Describe the chemical structure of a steroid molecule.
- Label the hydrophobic and hydrophilic portions of the following phospholipid:



3. Identify what type of lipid each of the following molecules is.



4. Give 1 reason why lipids are important to humans.

5. On a separate sheet of paper, draw 2 examples of lipids that can be found in nature.