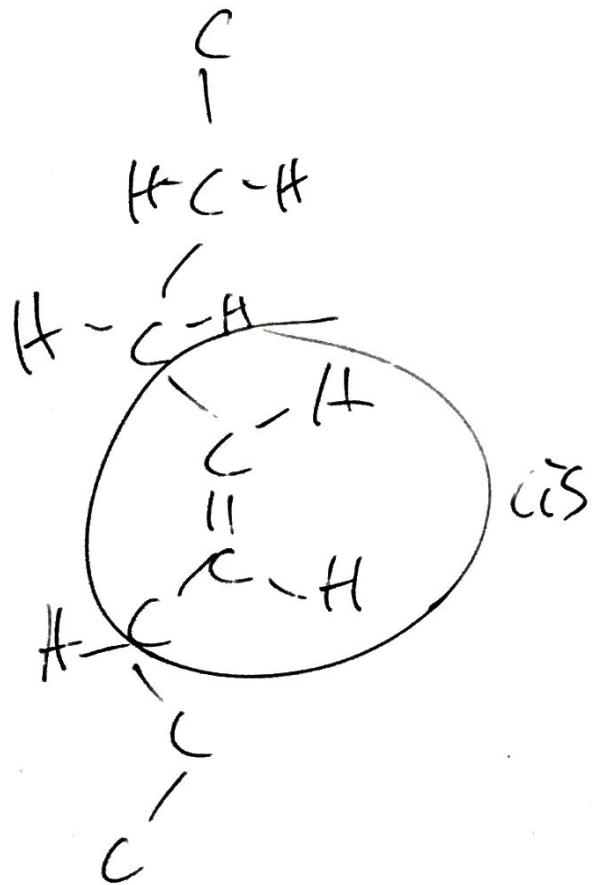
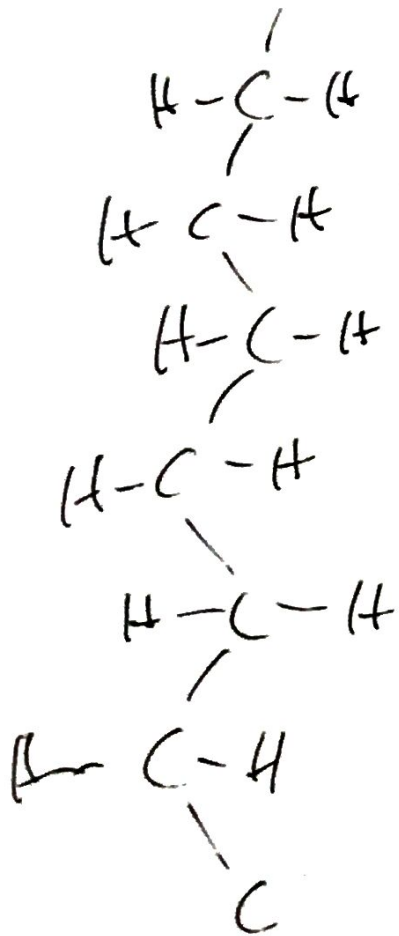
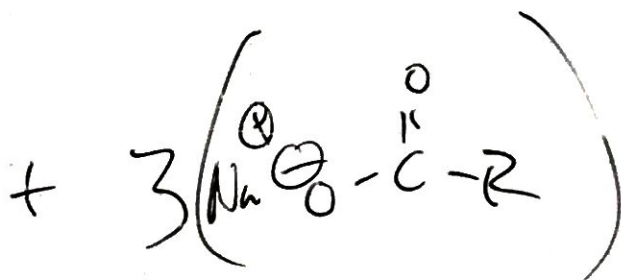
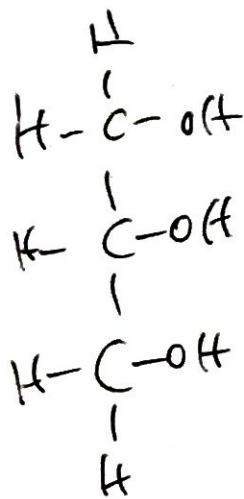
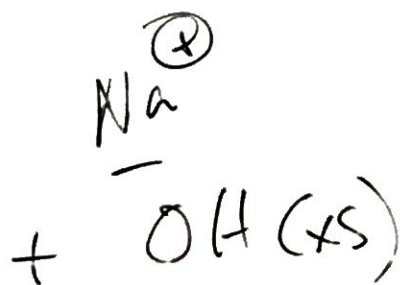
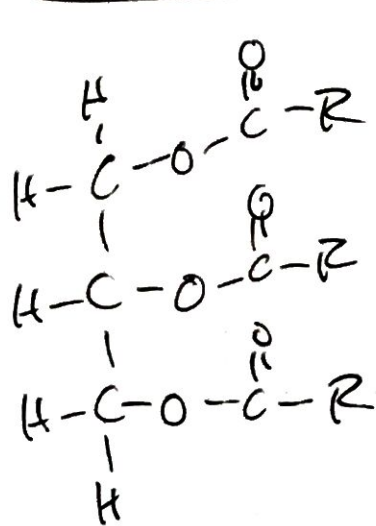


4 Nov

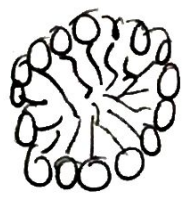
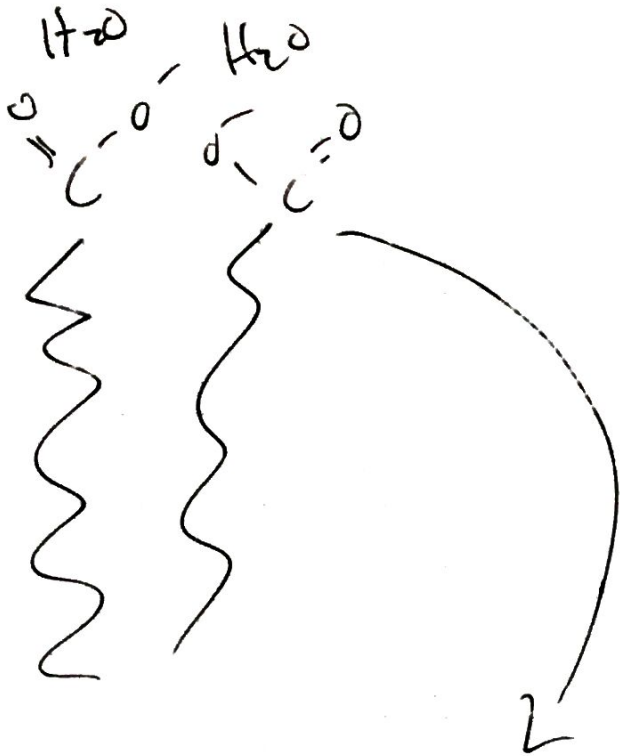
① Saturated vs. Unsaturated
Saturation of the carbons with
hydrogen



Saponification



↑
Soap

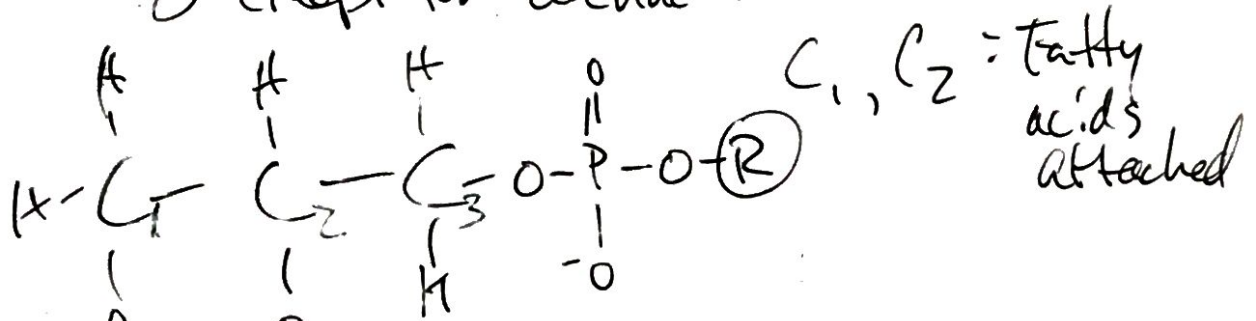


micelle
↑
hydro

Fatty molecules
placed into H_2O

Glycerophospholipid

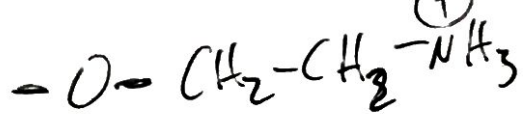
Primary components of all cell membranes
except for archaea



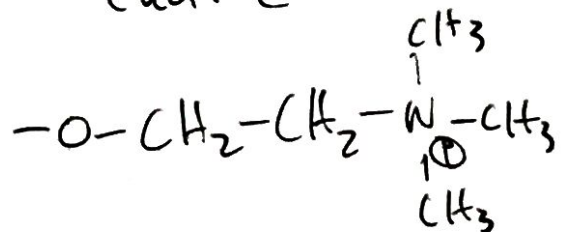
R could be:

Serine

ethanolamine



Choline



Glycerol

Peripheral Membrane Proteins

- ① Interact with charged head group (electrostatic)
- ② Covalently attach a lipid to the protein
- Myristic acid.
- ③ Have a hydrophobic loop insert into the membrane.

Permissivity (diffusibility) across bilayer

Not	Glucose	H ₂ O
not gonna happen	Absolutely impermeable to ions	Hell yeah (maybe)
