

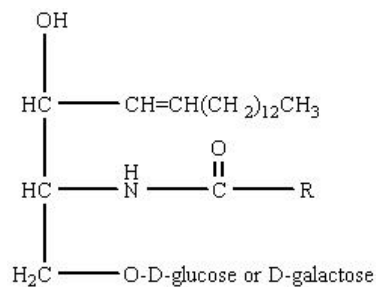
Name: _____

Date: _____

- [4 pt] 1. Draw the structure of a phospholipid that when hydrolyzed yields: glycerol, phosphoric acid, palmitic acid and ethanolamine. Circle the hydrophilic part of the molecule.

- [4 pt] 2. Draw the structure of the sphingolipid that when hydrolyzed yields: sphingosine, oleic acid, phosphoric acid and choline. Place a square around the hydrophobic part of the molecule.

- [3 pt] 3. What class of molecules does the following compound belong too? Circle the amide bond.



- [4 pt] 4. Aldosterone is responsible for blood pressure, fluid volume and increases Na^+ uptake. Identify as many structural features on the molecule as you can.

