Internet Assignment: Plasma Membrane

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

Go to the website below and watch the animation. Use the information to answer the questions.

<http://glencoe.mcgraw-hill.com/olcweb/cgi/pluginpop.cgi?it=swf::550::400::/sites/dl/free/0078802849/383931/Plasma_Membrane_The_Fluid_Mosaic_Model.swf::The%20Fluid%20Mosaic%20Model>

1. The plasma membrane is composed of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ formed from 2 chains of what?
   1. Phospholipid molecules
2. Draw a phospholipid molecule and label the parts
3. Where is the phosphate group in a phospholipid contained?
4. Are the heads located on the interior or the exterior of the membrane?
5. What is the role of cholesterol in the plasma membrane?
6. What makes the membrane selectively permeable?
7. What is the purpose of the carbohydrates sticking out from the cells exterior?