Name	
	Hour

## Cell Membrane

Write the title for the diagram and then label its parts. Use these choices:

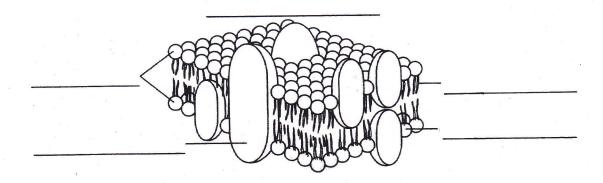
protein molecule

lipid bilayer

polar head

fatty acid

fluid mosaic model



Use each of the terms below just once to complete the passage.

organism	balance	selective permeability	
Living cells maintain a (1)	by co	ntrolling materials that enter and	
leave. Without this abili	ty, the Cell Cannot mainta	in (2)and will di	e.
The cell must regulate in	ternal Concentrations of	water, (3), and	
other nutrients and must	eliminate waste product	s. Homeostasis in a cell is maintaine	ed .
by the (4)	, which allows only ce	ertain particles to pass through and	
keeps other particles out	This property of a mem	brane is known as (5)	·
It allows different cells t	o Carry on different activ	ities within the same (6)	
Anguar the Collowing Gu	ections		

7. What is a lipid bilayer?

8. Why is the current model of membrane structure Called fluid mosaic?			
9. What are the bumps in the phospholipids bilayer? How are they arranged in the bilayer?			
For each statement, write true or false.			
11. The cell membrane is a bilayer of lipid molecules with protein molecules embedded in it.			
12. A phospholipids molecule has a nonpolar, water-soluable head attached to a long polar, soluable tail.			
13. The fluid mosaic model describes the cell membrane as a structure that is liquid and very rigid.			
14. Eukaryotic cell membranes can contain cholesterol, which tends to make the membrane more stable.			
15. Transport proteins span the Cell membrane, Creating the selectively permeable membrane that regulates which molecules enter and leave a Cell.			
16. Proteins at the inner surface of the cell membrane attach the membrane to the cell's support structure, making the cell rigid.			