General Biology for Health Sciences

Chapter 5 Worksheet Name:

1. Label:



1. What are glycoproteins?
2. What are glycolipids?
3. The lipids that make up a cell membrane bilayer are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. The head is \_\_\_\_\_\_\_\_\_\_\_\_\_\_ while the tails are hydrophobic.
4. Proteins that span the lipid bilayer are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
5. Moving substances from an area of high concentration to lower concentration is called \_\_\_\_\_\_\_\_\_\_\_\_ transport. Does this require energy? \_\_\_\_\_
6. What is facilitated transport?
7. Define osmosis.
8. Is this an isotonic, hypertonic or hypotonic situation? Explain what is happening here.



1. Is this an isotonic, hypertonic or hypotonic situation? Explain what is happening here.



1. What is active transport?
2. Does active transport require energy? \_\_\_\_\_\_\_\_
3. What are the 3 types of endocytosis? Describe each.