Cell 1 Test Remediation

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Diagram A



1. What molecules are the primary component of the cell membrane?
2. Color the hydrophobic tails red and the hydrophilic heads blue. Define hydrophobic and hydrophilic.
3. Label on the diagram where water molecules would be located.

Diagram B



1. What are the large molecules embedded in the membrane?
2. What is the function of X?
3. What type of cells have a membrane with this structure?
4. What is the main function of the membrane?

Diagram C



1. Organelle ‘X’ is the largest organelle in this cell. It is the control center of the cell. What organelle is labeled ‘X’?
2. Highlight the cell membrane yellow.

Diagram D



1. Identify the structures W,X,Y and Z. Give the function of each.
2. This is an animal cell. Name 3 ways you can tell it is not a plant cell.

Diagram E

 

1. Identify each diagram as Passive or Active Transport. How do you know?
2. Look at the diagram you labeled Passive Transport. What type of passive transport is shown in the diagram?
3. Do either of these show osmosis? Explain.