

Name _____

Date:

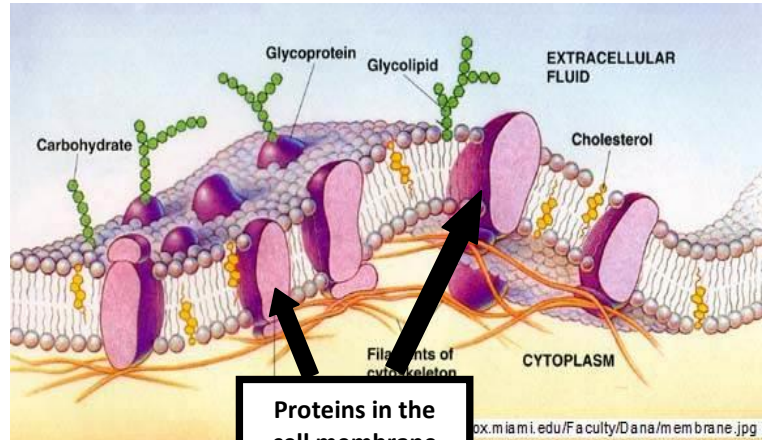
Period:

Discovering Where Proteins Are in the Cell

The **cell membrane** is made of lipids (fats and oils) and surrounds the cell to allow molecules of food, waste, and other nutrients to pass through. Its structure is made of two layers of lipids called the phospholipid bilayer. The phospholipid bilayer can also contain **proteins** that act as doorways; helping materials (like sugars) enter and exit the cell.

There are FIVE other cell parts or organelles (not including the cell membrane) that are related to proteins in some way.

Use pages 68-74 to find these five other cell parts and list them below. Then explain why they are connected to the proteins found in the cell.



Cell Part

Why is it connected to the proteins in the cell?

1.

2.

3.

4.

5.

List three foods that are sources protein?

Use the evidence from all the cell parts above to answer the following question. Use at least five complete sentences.

Why is it important to include foods that have protein in your diet?
