

Skills Worksheet

CH8.1 Directed Reading

Section: Cell Membrane

Read each question, and write your answer in the space provided.

1. What is homeostasis, and what is the main way that the cell membrane helps maintain homeostasis?

2. List three other functions of the cell membrane.

Complete each statement by writing the correct term or phrase in the space provided.

3. The _____ is made of a double layer of phospholipids. The double layer of phospholipids is called a(n) _____.

4. The lipid bilayer forms because there is _____ both inside and _____ of the cell.

5. The phosphate _____ of a phospholipid is polar. It is _____ water.

6. The long fatty acid _____ of a phospholipid are nonpolar. They are _____ water.

7. The lipid bilayer forms a barrier, preventing most molecules from passing through it. Only molecules that are _____ in size and _____ can pass through the lipid bilayer.

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