Name_____
Period_____

http://nhscience.lonestar.edu/biol/bio1int.htm

Using the website above, navigate to the section dealing with cell transport. Use this section to answer the following questions.

Osmosis By Terry Brown

1. In a hypertonic solution, how does the concentration of solute compare to the concentration of solute within the cytoplasm?

2. In a hypotonic solution, how does the concentration of solute compare to the concentration of solute within the cytoplasm?

3. In an isotonic solution, how does the concentration of solute compare to the concentration of solute within the cytoplasm?

Construction of the Cell Membrane by Wisconsin Online

1. What are the five types of molecules that make up the cell membrane?

2. What types of substances cannot pass directly through the cell membrane and need help from proteins to enter a cell?

3. What does cholesterol in the cell membrane do?

4. Take the quiz at the end of the tutorial.

Passive and Active Transport from Northland Community and Technical College

1. What determines diffusion rate?

2. When does diffusion end?

3. What is facilitated diffusion? What proteins assist in this process?

4. Describe active transport.

5. What is an ion pump? What is the example you learned in class on Friday?

6. Describe cotransport.

7. What are the three types of endocytosis?

8. Describe receptor-mediated endocytosis.