

DIFFUSION and OSMOSIS WORKSHEET

Name: _____

Use the blue MODERN BIOLOGY book: pgs. 80-88

The **main function** of the **cell membrane** is to: _____
_____. This process has its own name and is called **DIFFUSION**.

1. Molecules are constantly in _____.
2. Define **diffusion**:
3. The difference in concentrations of a substance across an area is called the _____.
4. When does a space reach **equilibrium**?
5. Define **permeable**:
6. Define **semipermeable**:
7. Define **osmosis**:
8. List one way osmosis is **different** from diffusion:
9. List one way osmosis is **the same as** diffusion:
10. When water diffuses into a plant cell and builds up firm pressure, that is called _____.

11. What does the prefix **endo-** mean?
12. What does the prefix **exo-** mean?
13. Draw a picture showing both **endocytosis** and **exocytosis**:

ENDOCYTOSIS:

EXOCYTOSIS: