

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Passive Cell Transport Worksheets

1. A Concentration **Gradient** forms whenever there is a difference in concentration between one place and another.
2. The cell organelles that burns glucose and provides ATP for active transport are the **Mitochondria**
3. A solution in which the concentration of molecules outside the cell is LOWER than inside **Hypotonic**
4. Water moves across membranes by **OSMOSIS**.
5. Active transport requires **ENERGY** to move molecules across membranes.
6. **ATP** is the molecule that provides the energy for active transport.
7. A small membrane sac used to transport substances out of the cell = **Vesicle**
8. **Diffusion** moves oxygen and carbon dioxide molecules from a high concentration to a low concentration across membranes.
9. **Osmotic** pressure is caused by water inside a plant cell pushing against the cell wall.
10. The shrinking of a plant cell membrane away from the cell wall when placed in a hypertonic solution is called **Plasmolysis**.