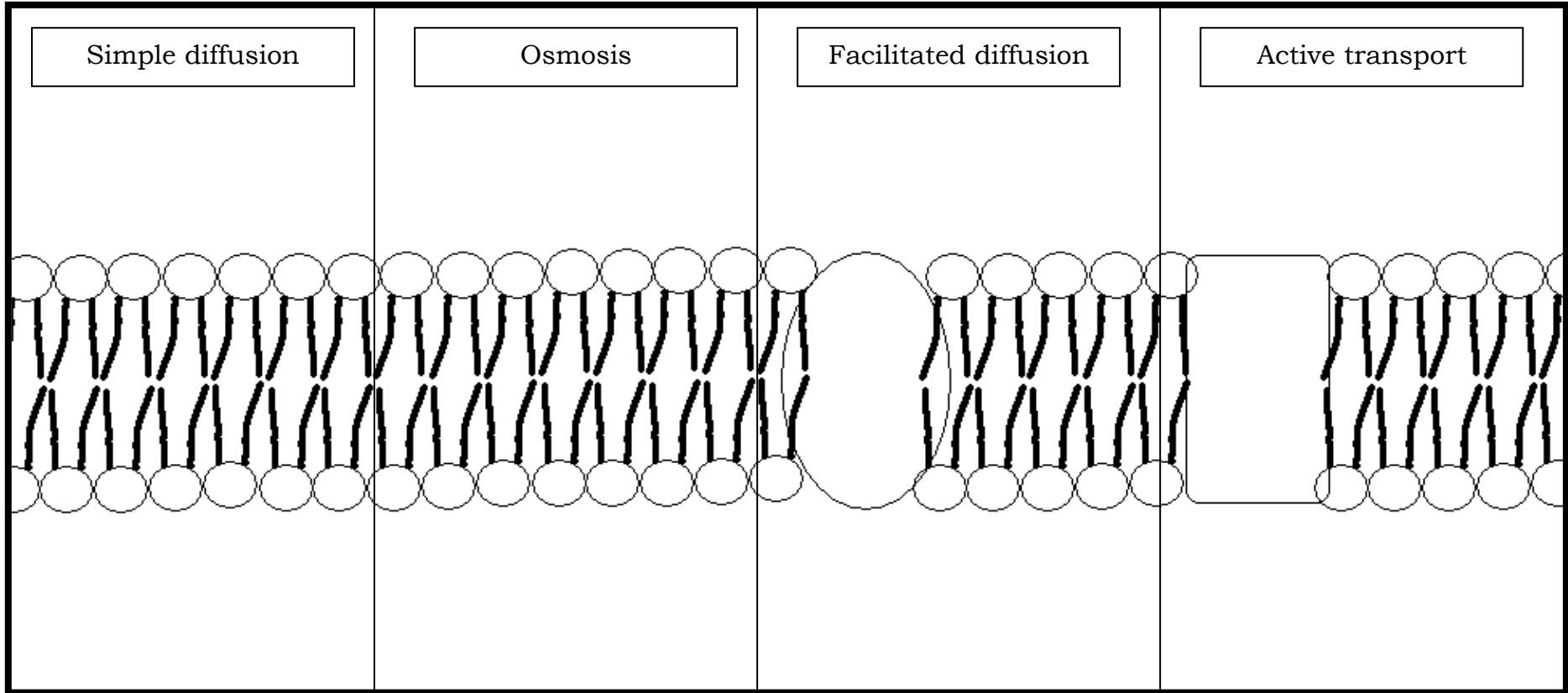


Homeostasis and the Cell Membrane

Name:

Period:

1. For each section below color and label all parts.
2. Use symbols to show net movement of substances across the membrane (i.e. blue circles for water, etc.)
3. Use block arrows to show direction of movement.
4. Label the concentration gradients.
5. Label the inside and outside of cell.
6. Use symbols to show the use of ATP
7. Summarize how the 4 methods of transport maintain homeostasis in the cell.
8. Make a key for your symbols.



Summary:

Summary:

Summary:

Summary:

KEY:

Endocytosis V. Exocytosis: Examples of Active Transport

In the boxes below draw what happens during each of process.

Endocytosis:

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Exocytosis:

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Compare and contrast the following terms using “T” charts:

Diffusion V. osmosis

Active transport V. facilitated diffusion

Exocytosis V. endocytosis

Facilitated diffusion V. diffusion