

Name: _____

Cell Membrane and Transport Notes Organizer

1. The thin, flexible boundary between the cell and its environment is called the _____.
2. The cell membrane allows _____ into and _____ to leave the cell.
3. The cell membrane displays _____ which means it can control the movement of substances into and out of the cell.
4. The plasma membrane is composed of the _____.
5. List the 3 parts of a phospholipid:
 1. _____
 2. _____
 3. _____
6. List the 3 other components of the phospholipid bilayer:
 1. _____
 2. _____
 3. _____
7. Define *passive transport*
8. List the 3 modes of passive transport
 1. _____
 2. _____
 3. _____
9. Define *diffusion*
10. List the 3 factors than control diffusion
 1. _____
 2. _____
 3. _____
11. Define *dynamic equilibrium*

12. Define *facilitated diffusion*

13. List the 2 types of proteins found in the cell membrane:

1. _____

2. _____

14. Define *osmosis*

15. What makes diffusion and osmosis different?

17. Define *isotonic solution*:

18. Define *hypotonic solution*:

19. In a hypotonic solution water diffuses _____ the cell. This causes the cell to _____.

20. Define *hypertonic solution*:

21. In a hypertonic solution water diffuses _____ of the cell. This causes the cell to _____.

22. What type of solutions must each of the cells be in?

1. _____

2. _____

3. _____

23. Define *active transport*:

24. Define *endocytosis*:

25. Define *exocytosis*: