

Cell Membrane Worksheet pg. 2

Name _____
per. _____

25. _____ exists when the amount of water which enters the cell is equal to the amount of water that leaves the cell.
26. If salt or sugar is added to the liquid environment of bacteria, the bacteria die from _____.
27. Osmosis and diffusion allow things to enter cells through _____ transport.
28. Passive transport means that the cell does not have to use _____ to move these substances into or out of the cell.
29. In _____ diffusion, proteins in the cell membrane form pores which allow certain substances to pass. Without the protein pore, these substances would be too _____ to pass directly into the cell.
30. The use of a protein to aid the passage of particles from a region of greater concentration to a region of lesser concentration is called _____.
31. The proteins involved in facilitated diffusion are called _____.
32. It is through facilitated diffusion that _____ and _____ enter cells.
33. Whether passive transport occurs by osmosis, simple diffusion or facilitated diffusion, it always involves a movement of particles from a region of _____ to _____ concentration.
34. If a cell must transport something from a region of lesser concentration to a region of greater concentration, the cell must use _____ to create this movement.
35. When cell energy is used to transport a particle from an area of lesser to greater concentration it is called _____.
36. Active transport also involves _____ molecules, which are known as _____.
37. It is by _____ that cells rid themselves of harmful particles which could poison and kill the cell.
38. Materials which are too large to enter or leave the cell by passive or active transport can enter or leave through _____ or _____.
39. _____ is the process by which a cell uses energy to surround and take in large particles.
40. If a solid particle is taken through endocytosis, this process is referred to as being _____, which means "_____."
41. It is through _____ that white blood cells eat _____.
42. If liquid is taken in through endocytosis, this process is called _____, which means "_____."
43. The reverse of endocytosis by which cells rid themselves of wastes or expel useful substances needed elsewhere is called _____ (_____).