Cell Membrane Questions

1. Utilizing your model, describe the fluid mosaic model
2. How do ionic substances cross the membrane? Demonstrate this on your model.
3. What is facilitated diffusion? How does it work on the cell membrane? Demonstrate it on your model.
4. How do polar substances cross the membrane? Demonstrate this on your model.
5. What is active transport? How does it work on the cell membrane? Demonstrate this on your model.
6. What facilitates the movement of water in a membrane? How does it work? Demonstrate this on your model.
7. What does it mean to be selectively permeable? Demonstrate this on your model?
8. What are the functions of an embedded protein? Demonstrate this on your model?
9. How do non-polar substances cross the membrane? Demonstrate on your model.
10. What does it mean for a solution to be isotonic? How would this look like in the environment surrounding the cell? Demonstrate this on your model.
11. What does it mean for a solution to be hypotonic? How would this look like in the environment surrounding the cell? Demonstrate this on your model.
12. What does it mean for a solution to be hypertonic? How would this look like in the environment surrounding the cell? Demonstrate this on your model.