

3. a. What cell part does the eggshell in this experiment represent? _____

b. Why are they both referred to as *selectively permeable*?

4. Instead of setting up the lab as we did, you instead injected the solutions into the egg. The egg was then put into the cup which was only filled with water. Make a hypothesis for what would happen and explain your answer. Include a labeled diagram with your answer:

a. vinegar

b. Blue food coloring

c. Molasses

d. Corn syrup