

Name \_\_\_\_\_  
Date \_\_\_\_\_  
Period \_\_\_\_\_

**Fig. 1: RESULTS OF OSMOSIS**

|                                    | <b>JAR VOLUME<br/>BEFORE EGG WAS<br/>ADDED</b> | <b>VOLUME AFTER<br/>EGG WAS ADDED</b> | <b>OBSERVATIONS<br/>OF EGG</b> |
|------------------------------------|--|---------------------------------------|--------------------------------|
| <b>VINEGAR</b>                     |  |                                       |                                |
| <b>SYRUP (like<br/>salt water)</b> |  |                                       |                                |
| <b>DISTILLED<br/>WATER</b>         |  |                                       |                                |

**QUESTIONS:**

1. When the egg was placed in the water, in which direction did the water molecules move?

\_\_\_\_\_

2. On what evidence do you base this?

\_\_\_\_\_

3. How do you explain the volume of liquid remaining when the egg was removed from the syrup?

\_\_\_\_\_

4. If the egg was placed in the water after being removed from the syrup, in which direction would the water move?

\_\_\_\_\_