

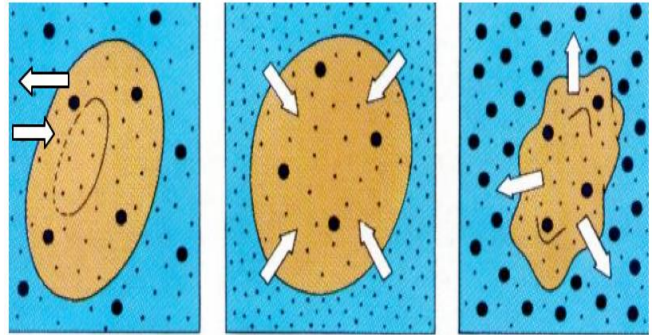
Osmosis Foldable

1. Fold your sheet of paper hot dog style and cut the top flap into **3** equal segments.
2. Write your name on the back.
3. **On the front of each flap**, label each segment one type of environment (**Hypertonic, Hypotonic, and Isotonic**).

4. **Behind each flap:**

- a. **On the top half**, answer these following questions in short complete sentences or one whole sentences:

- i. Does the environment have a lower, higher, or equal solute concentration compared to the cell?
- ii. In what direction will water travel? (Into the cell, out of the cell, or in both directions)
- iii. What will happen to a cell in the environment (shrink, expand, or stay the same)?
- iv. Describe a real life example.



- b. **On the bottom half**, draw a picture that represents each type of solution (must include a cell, the environment, and the direction of osmosis).

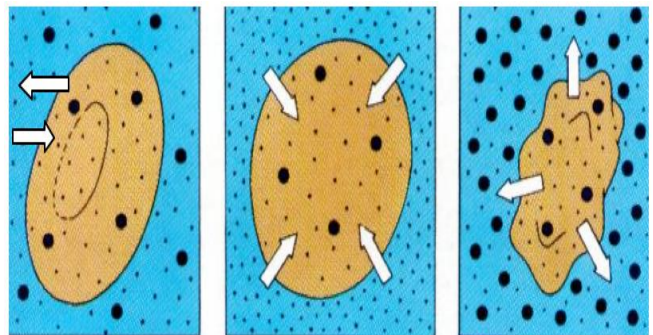
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5. Fold your sheet of paper hot dog style and cut the top flap into **3** equal segments.
6. Write your name on the back.
7. **On the front of each flap**, label each segment one type of environment (**Hypertonic, Hypotonic, and Isotonic**).

8. **Behind each flap:**

- a. **On the top half**, answer these following questions in short complete sentences or one whole sentences:

- i. Does the environment have a lower, higher, or equal solute concentration compared to the cell?
- ii. In what direction will water travel? (Into the cell, out of the cell, or in both directions)
- iii. What will happen to a cell in the environment (shrink, expand, or stay the same)?
- iv. Describe a real life example.



- b. **On the bottom half**, draw a picture that represents each type of solution (must include a cell, the environment, and the direction of osmosis).