

## Correctives: S4 C1 PO1+4

There are \_\_\_\_ MAJOR types of transport



\_\_\_\_\_ transport

- It does \_\_\_\_ require \_\_\_\_
- Moves \_\_\_\_ the concentration gradient
- Moves from \_\_\_\_ to \_\_\_\_ concentration

\_\_\_\_\_ transport

- It does require \_\_\_\_ in the form of \_\_\_\_
- Moves \_\_\_\_ the concentration gradient
- Moves from \_\_\_\_ to \_\_\_\_ concentration



There are \_\_\_\_ type of passive transport

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

There are \_\_\_\_ type of passive transport

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

For each type of transport, draw a picture to demonstrate the type of transport	
Diffusion:	Membrane Pumps:
Facilitated Diffusion:	Endocytosis:
Osmosis:	Exocytosis:

Predict what will happen to the balloon “cell”? (HINT: Water and solute totals inside the cell must equal 100%. Water and solute totals outside the cell must equal 100%.)

**A**

Inside: % Sugar 5%    % H<sub>2</sub>O         
 Outside: % Sugar 1%    % H<sub>2</sub>O       

Prediction \_\_\_\_\_

**B**

Inside: % Sugar 5%    % H<sub>2</sub>O         
 Outside: % Sugar 10%    % H<sub>2</sub>O       

Prediction \_\_\_\_\_

**C**

Inside: % Sugar 5%    % H<sub>2</sub>O         
 Outside: % Sugar 5%    % H<sub>2</sub>O       

Prediction \_\_\_\_\_

Answer TRUE or FALSE		
Scenario	True or False	Hyper/Hypo/Isotonic?
If a plant cell is placed in a salt solution, the central vacuole will shrink		
If a shell-less egg is placed in corn syrup, it will expand		
If a blood cell is placed in water, it will shrink		
If a shell-less egg is placed in Dr.Pepper, it will expand		