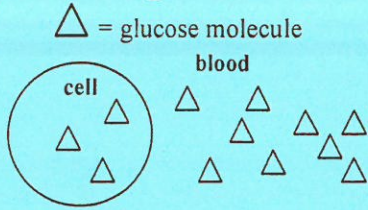


Cell Transport Extra Practice

Use the pictures on the left to answer the questions on the right.

1. After digestion:



- a. Which side has the higher concentration of glucose? _____
- b. Which way will the glucose go? _____
- c. Does this require energy? _____
- d. Is this active or passive transport? _____
- e. What specific type of transport is this? _____

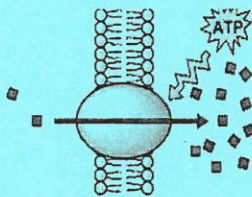
2. Match the term with its correct description:

- a. energy
- b. facilitated diffusion
- c. active transport
- d. passive transport

- _____ Is used during active transport but not passive transport
- _____ Particle movement from an area of higher concentration to an area of lower concentration
- _____ A form of passive transport that uses transport proteins
- _____ Particle movement from an area of lower concentration to an area of higher concentration

3. Complete the following chart comparing the various methods of cell transport.

Transport Method	Active or Passive	Uses energy (Yes or No)	Transport Direction (High to Low or Low to High)	Uses Transport Proteins (Y or N)
Diffusion				
Osmosis				
Facilitated Diffusion				
Active Transport				



4. Using the picture above as a model, answer the following questions.

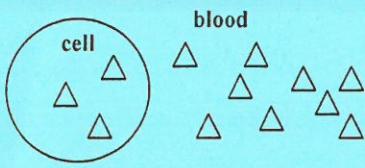
- a. Which side has the higher concentration of Oxygen? _____
- b. Does this require energy? _____
- c. Is this active or passive transport? _____

Cell Transport Extra Practice

Use the pictures on the left to answer the questions on the right.

1. After digestion:

△ = glucose molecule



- Which side has the higher concentration of glucose? blood
- Which way will the glucose go? into the cell
- Does this require energy? no
- Is this active or passive transport? passive
- What specific type of transport is this? facilitated diffusion

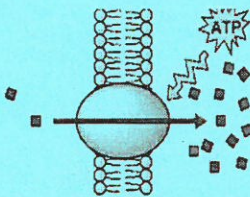
2. Match the term with its correct description:

- energy
- facilitated diffusion
- active transport
- passive transport

- A Is used during active transport but not passive transport
- D Particle movement from an area of higher concentration to an area of lower concentration
- B A form of passive transport that uses transport proteins
- C Particle movement from an area of lower concentration to an area of higher concentration

3. Complete the following chart comparing the various methods of cell transport.

Transport Method	Active or Passive	Uses energy (Yes or No)	Transport Direction (High to Low or Low to High)	Uses Transport Proteins (Y or N)
Diffusion	passive	no	H → L	N
Osmosis	passive	no	H → L	N
Facilitated Diffusion	passive	no	H → L	Y
Active Transport	active	yes	L → H	Y



4. Using the picture above as a model, answer the following questions.

- Which side has the higher concentration of Oxygen? right
- Does this require energy? yes
- Is this active or passive transport? active