

Active transport _____ . Active transport _____ . can involve the transport of ions is a type of facilitated diffusion does not use ATP as an energy source moves solutes with their concentration gradient

Answer:

Involves the transport of ions

Explanation:

Cells need certain substances in form of ions to function. These ions /solute dissolve in a solvent (usually water) and move in and out of the cell. This movement is propelled by the osmotic/electrochemical gradient formed between the cell's membrane and the extracellular content. In nature, this dissolved solutes move down the concentration gradient.

However, in case whereby the concentration gradient is not favorable for the solute to move into the cell, the cell brings them in against concentration gradient using energy in form of ATP. This process is known as ACTIVE TRANSPORT. Active transport is the movement of ions/substances across a membrane against concentration gradient with the use of ATP.

An important example is the sodium-potassium pump that moves sodium (Na^+) into the cell and potassium (K^+) out of the cell.

Three friends rented a car for a week and divided the cost equally. What was the total cost of renting the car ? (1) If the three friends had kept the car for a second week, they could have obtained the two-week rate, which was 1.5 times the cost of a one-week rental.

(2) If a fourth friend had joined the three friends and the cost had been divided equally among the four friends, the cost to each of the original three would have been reduced by \$15

Hey YOU! WANNA STOP SCROLLING AND HELP ME OUT REALLY QUICKLY?! BRAINLIEST ANSWER INCLUDED! How many gallons of a 60% antifreeze solution must be mixed with 60 gallons of 15% antifreeze to get a mixture that is 50% antifreeze? Use the six-step method.

What influences the cuisine of particular countries? things like climate

Which segment of DNA contains the information necessary to produce a protein?

Why might Carl Sandburg have placed an emphasis on politeness among the animals in the Committee of Sixty Six and in the interactions the animals have with humans in "How the Animals Lost Their Tails and Got Them Back Traveling from Philadelphia to Medicine Hat"?

Given: $3(x-4)=2x+7$ Prove: $x=19$ PROOF: Statements Reasons a. $3(x-4)=2x+7$ a. Given

b. $3x-12=2x+7$ b. ?

c. ?

c. Subtraction Property

d. $x=19$ d. ? What is Statement c?

When atoms combine they form

A. molecules

B. periodic table

C. particles

D. protons

How does Dante's interaction with sinners change as he moves deeper into the rings of hell?

Hi someone from Norway? And have a summary of a novel called "Hviskeleken"? By Ivar Espenes

What does Churchill mean when he says "never in the field of human conflict was so much owed by so many to so few"?

Adam strongly believes that his employees have a positive attitude toward their work. He sees in them a potential to take risks and a greater capacity for imagination and creativity if motivated by rewards. In this scenario, Adam's views about his employees are consistent with the assumptions of _____. A. equity theory

B. Theory Y

C. Theory X

D. hierarchy of needs theory

Which of the following is regulated by the FLSA?

Which of the following is an example of an ar verb in Spanish?

What is an equation of the line in slope intercept form $m=2/7$ and the y intercept is $(0,-12)$.

What is the ability to think critically about issues (12 letter word)?

The junior class has \$350. The juniors want to raise at least \$698 by having each member of the class pay dues. There are 116 juniors. Which of the following inequalities could be used to find how much each junior would need to pay in dues?

A. $\$350 + 116x < \698

B. $\$350 + 116x \leq \698

C. $\$350 + 116x > \698

D. $\$350 + 116x \geq \698

2. How have humans altered the landscape of the United States?

DNA molecules contain the genetic information that determines the characteristics of a living organism. How do DNA molecules express the genetic information they contain?

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