Which of the followings is true about gluconeogenesis? A. One ATP and one GTP is needed to convert pyruvate to PEP B. Oxaloacetate is involved in generating PEP C. Gluconeogenesis primarily occurs in the mitochondria D. In occurs in the brain

Answer:

The answers A, B and C are correct

Explanation:

- Gluconeogenesis primarily occurs in the mitochondria mainly in the liver.

- Oxaloacetate is used to generate PEP by a two step process.

1) conversion of Pyruvate to oxaloacetate catalyzed by pyruvate carboxylase. This process requires ATP hydrolysis.

2) The decarboxylation and phosphorylation of oxaloacetate catalyzed by phosphoenolpyruvate carboxykinase (PEPCK) producing PEP. This process requires the hydrolysis of GTP.

Therefore options A, B and C are correct.

Answer:

C is your answer

Explanation:

After World War II, which two superpowers engaged in the Cold War? Group of answer choices

Spain/Germany

Soviet Union/China

Germany/China

United States/Soviet Union
What type of government did Ancient Egyptians follow ?
A cylinder and a cone have congruent heights and radii. What is the ratio of the volume of the cone to the volume of the cylinder?
Can someone write me a poem? Here are the "rules".

Must contain at least two poetic devices, among alliteration, onomatopoeia, line length, punctuation, and figurative language.

May use any structure except haiku.

Must include at least one module vocabulary word.

Module Vocabulary List:
• exclude
• negotiate
• evacuate
• vacate
• pandemonium
• omnipresent
• seclude
• omniscient
• renegade
• holocaust
• recluse
• logical
• evaluate
• concede
• elaborate
• stanza
• speaker
• refrain
• hyperbole

• narrative

Thank you!

Rewrite the following expression using the properties of rational exponents. Be sure your answer is in simplest form. $(2x6) ^ 3/2$

Archaeological evidence from about 1 million years ago suggests that the earliest forms of human communication took to the form of:

Simplify $(3x2 ? 2) + (5x2 + 5x ? 1)$. $8x2 + 5x ? 3$

$8x2 + 5x ? 1$

$2x2 + 5x ? 3$

$8x2 + 7x ? 1$

Harry works for a major sporting goods distributor. He earns a base salary of $30,000 per year and 5% commission on his sales. How much will Harry need to sell to earn $50,000 by the end of the year?

Which system of equations models this problem? The variable x represents the number of angelfish Carlos bought and the variable y represents the number of parrotfish he bought. Carlos bought 405 tropical fish for a museum display. He bought 8 times as many parrotfish as angelfish. How many of each type of fish did he buy? a) {x+y=405 y=8x

b) {x+4y=8 y=405x

c) {x?y=405 y=8x

d) {x+y=8 y=405x

The word "autobiography" is actually made up of three different Greek roots: auto, bio, and graph. In a few sentences, explain how those three roots clue the reader into the meaning of the word "autobiography." Amanda said that she always prefers to read autobiographies about famous women rather than biographies written by other people..

In 1993, japan and _____ took steps toward resolving the ongoing territorial dispute over the kuril islands.

When Sharon began shopping this morning, she had $40.00. She purchased five paperback books and had lunch. The books were all the same price, and lunch cost $3.25. She now has $7.00 left over. What was the price of each of the books?

Which is an example of a states reserved powers ?

A 650 kg car accelerates at 4.0 m/s2 south. what is the net force acting on it?

michael mixes 60 ounces of red paint with 15 ounces of blue paint to get a shade of purple.what is the ratio of red paint to blue paint expressed in lowest terms?

Why are there no capillaries in the cornea

Choose the correct sentence: Tu vas au Montréal. Je rentre du France. Vous rentrez du Zaire. Nous allons au Belgique.

In a short paragraph, describe two barriers that prevent some young people from making healthful decisions.