

**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:

If i was mother or father for a one day

Solve and Check.  $c/3=6\frac{1}{7}$

A.2 1/21

B.2 1/7

C.18 1/7

D.18 3/7

The position of a particle moving along the x axis is given in centimeters by  $x = 9.16 + 1.87 t^3$ , where t is in seconds. Calculate (a) the average velocity during the time interval  $t = 2.00$  s to  $t = 3.00$  s; (b) the instantaneous velocity at  $t = 2.00$  s; (c) the instantaneous velocity at  $t = 3.00$  s; (d) the instantaneous velocity at  $t = 2.50$  s; and (e) the instantaneous velocity when the particle is midway between its positions at  $t = 2.00$  s and  $t = 3.00$  s.

Was president Roosevelt correct in his belief that a strong military presence promoted global peace

A. Limited the power of the king and queen and protected individual rights. b. Written by Thomas Jefferson, it guaranteed freedom of religion and separation of church and

state in the state of Virginia.

c. Wrote about inalienable rights. He also wrote "Two Treatises on Government."

d. The first government of the United States that gave most of its power to the states.

e. Created an outline for how government would be set up in new territories acquired from the British after the American Revolutionary War.

1. John Locke

2. English Bill of Rights

3. Virginia Statute for Religious Freedom

4. The Northwest Ordinance of 1787

5. Articles of Confederation

If something cost 125.00 and i have a coupon for 35% off how much does it saves me

Palestinians use the term al nachba, which translates into english as "the catastrophe" or "the disaster," to refer to the creation of the israeli state. their linguistic choice represents \_\_\_\_\_ and suggests they are a \_\_\_\_\_ culture.

Find the area of the triangle, given that it has a perimeter of 15 inches. Round the answer to the nearest tenth. A. 10.8 square inches B. 12.5 square inches C. 21.7 square inches D. 97.4 square inches

Is carving a statue out of marble a physical change or chemical change? Is sanding a piece of wood a physical change or chemical change?

What determined the amount of land individual tribal members received? A the rank within the tribe

B the length of time the tribe had been in Oklahoma

C the amount of land allotted to the tribe the acreage predetermination by the government

D the acreage predetermination by the government

All of the rabbits, deer, and several bird species found within a field are considered to be part of a/an A. biosphere.

B. population.

C. ecosystem.

D. community.

Ziggurats were built in the city states of sumer as

Use the following information on Cr to determine the amounts of heat for the three heating steps required to convert 126.3 g of solid Cr at 1760°C into liquid Cr at 2060°C. mp = 1860°C bp = 2672°C Enter in kJ. Useful data:  $\Delta H_{\text{fus}} = 20.5 \text{ kJ/mol}$ ;  $\Delta H_{\text{vap}} = 339 \text{ kJ/mol}$ ;  $c(\text{solid}) = 44.8 \text{ J/g}^\circ\text{C}$ ;  $c(\text{liquid}) = 0.94 \text{ J/g}^\circ\text{C}$

The Milky Way Galaxy is moving at about 600 km/s relative to the cosmic microwave background. How does this compare to Earth's speed in its orbit and

What type of adaptation is migration?

Replace ? with =, >, or < to make the statement true.  $4 \times 16 - 16 \times 4 \times [24 - 2 \times (4 + 8)]$  a. <

b. =

c. >

Where are the protons, neutrons, and electrons located in an atom? 1) protons, neutrons, and electrons are found in the nucleus

2)neutrons and electrons are in the nucleus while the protons surround the nucleus

3)protons and neutrons are in the nucleus while the electrons surround the nucleus

4)electrons and protons are in the nucleus while the neutrons surround the nucleus

Travis traveled 315 miles in 5 hours. what is his unit rate of speed in miles per hour?

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