

Select the correct definition of isotopes (2.5 points) (A) Two atoms of the same element having different number of neutrons (B) Two atoms of the same element having same atomic number but different mass number (C) Both (A) and (B) (D) None of the above.

Answer:

C

Explanation:

(A) is correct. Isotopes are the same element that only differ in number of neutrons.

(B) is also correct. Atomic number (z) is the number of protons an atom has. Atoms of the same element will have the same number of protons.

Mass number (A) is the sum of protons and neutrons in the center. If protons between two atoms are the same but mass number is not, means they have different number of neutrons. They are isotopes.

(C) States that both A and B are correct

(D) None of the above

Option C is correct

Explain the role of white dwarfs in recycling matter.

Help !!!!! will give brainliest answer ! In the 1991 Gulf War, what happened after Kuwait was liberated?

A. American troops began burning oil fields in Iraq.

B. American troops ceased operations, allowing Hussein to stay in power.

C. Iraq withdrew from Kuwait and initiated an attack on Iran.

D. Kuwait began a month-long air assault on Baghdad.

How did the attempted assassination of President Reagan affect his popularity with the American public?

- A. His popularity soared due to his graceful handling of the situation.
- B. His popularity suffered because he was perceived by the American public as weak and incapable.
- C. His popularity suffered because he maintained his sense of humor, giving the impression that he wasn't a serious man.
- D. The event didn't seem to have any effect on the President's popularity.

What was at the center of the Iran-Contra scandal?

- A. Arms for hostages
- B. Immunity for anti-Communist contras
- C. Liberation theology
- D. Refusal to bargain with terrorists

Ronald Reagan ordered the bombing of which country in an effort to yield international terrorism?

- A. Iran
- B. Libya
- C. People's Republic of China
- D. Soviet Union

A cart travels down a ramp at an average speed of 5.00 centimeters/second. What is the speed of the cart in miles/hour?

The inguinal hernia results from enlargement of the opening through which vessels and nerves of the male reproductive system pass.

Water can exist in three states of matter. Imagine examining the changes of state from solid to liquid to gas by adding ___ to ice.

What is signified by the abandoned machinery, the chaotic appearance, the suffering of the slaves at the first station? what is the "devil of rapacious and pitiless folly"?

What is the length of diagonal ac in parallelogram $ABCD$ if the diagonal $BD = 10\text{cm}$ which is twice the diagonal AC ?

What is the product of this chemical reaction?

"Copper(II) Sulfate reacts with Potassium Iodide"?

Which of the following was least likely to be an aim of the Sons of Liberty?

Where is the top of the asthenosphere is closest to earth's surface _____?

What does the term primary source mean?

A. A highly accurate timeline about an event written by a historian

B. A drawing or replication of an event by someone who was not an eyewitness

C. A document that contains no identifiable bias or personal perspective

D. A piece of evidence containing firsthand information about an event

Explain why Einsteins general relativity theory is important to the makers of GPS system

You are given a crushed sample that is a mixture of limestone (CaCO_3), lime (CaO), and sand. the calcium carbonate, limestone, is the only material present in the material that will decompose when heated. you subject a 6.4734 g sample of the mixture to strong heating and after the sample reaches a constant mass (no more mass is lost with additional heating), the sample has a final weight of 4.3385 g. what is the percentage of calcium carbonate present in the original mixture? (f.wt. $\text{CaCO}_3 = 100.1$)

_____ interpretation is one of the oldest forms of communication. a. Written

c. Oral

b. Reading

d. none of these

La Resistance etait un mouvement contre l'occupation allemande pendant la Deuxieme Gerre Mondiale. True or False

How did people try to escape the realities of life during the Great Depression? How did some Great Plains farmers respond to the loss of their fields to the banks?

$I = PRT$; $I = 4320$, $P = 24,000$, $R = 0.06$

During DNA replication DVA polymerase lands at origination sites and forms

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