

Manatees, aquatic mammals inhabiting Florida's rivers and coastal waters, swim close to the surface and are frequently killed in collisions with boats. To address the problem, boat traffic in manatee-populated waters is being required to maintain very low speeds. Unfortunately, manatees are unable to hear low-pitched sounds and a boat's sound lowers in pitch as the boat slows. Therefore, this approach may in fact make things worse rather than better. Which of the following, if true, casts most doubt on the conclusion?

(A) The areas where boats would have to maintain low speeds were decided partly on the basis of manatee-population estimates and partly from numbers of reported collisions between manatees and boats.

(B) Because the water hyacinth that manatees feed on grows best in water that is nearly still, water hyacinth beds can be disturbed or damaged by fast-moving boat traffic.

(C) Over the last several decades, boat traffic in Florida's coastal waters has been increasing almost continuously and now represents the greatest threat to the endangered manatee population.

(D) The sound of a boat engine generally travels much further under water than it does through the air.

(E) When experimenters exposed manatees to

the recorded sounds of boats moving at various speeds, the creatures were unable to discern the sounds over normal-background noise.

Answer: (E) When experimenters exposed manatees to the recorded sounds of boats moving at various speeds, the creatures were unable to discern the sounds over normal-background noise.

Explanation:

E is true and casts most doubt because it facilitates an experimental approach towards a given assumption. The manatees were exposed to the recorded sounds of the boats they were actually incapable of perceiving the change in sound and this clearly weakens the given argument that manatees are unable to hear the low pitched sounds when the boat gets slow.

Explain why buying things on credit was not common prior to 1917

No matter when it is written literature becomes memorable when it has a. Unique characters or themes b. Emotional and passionate language c. A topic that is interesting or helpful d. A message that elicits a response

What are three things you can learn by studying history?

If people have humility, they don't tend to see themselves as overly or more important than others. True False

President Monroe's words would help to propel the United States to War over 70 years later in

Which additional words should be capitalized in the sentence? My distant cousin was the host of the game show queen for a day. Choose all answers that are correct. A. queen B. a C. day D. for

The representative from Business A is most likely from _____. Question 10 options: B).United Kingdom C).Mexico D).Brazil A).China

12 ten thousands, 8 thousands, 14 hundreds, 7 ones in standard form

what is a poem with a fixed rhyme scheme and definite meter whose 14 lines are divided into an octave and a sestet called

The Midwest's name of the "heartland" is an example of what? A) perceptual region

B) formal region

C) functional region

D) definitive region

Dr. Trout has noticed that salmon in his fish hatchery seem to enjoy listening to the radio in his lab. The fish in the tank closest to the radio seem to grow larger.

Dr. Trout decides that the more music he plays, the larger the fish must grow. To test his idea, he sets up 5 large ponds with 100 salmon in each pond. He places a loudspeaker at the middle of each pond and plays various amounts of music in each pond. He plays the same band, feeds the fish the same diet, and keeps water conditions in all tanks exactly the same. After 10 weeks, he ends the trial and takes the average mass of the fish in each pond, and presents his data in the table. The independent variable in Dr. Trout's experiment is A) type of fish.

B) the fish diet.

C) type of music played.

D) hours of music played.

Which action is a physical change in digestion?

The economic opportunity act of 1964 included programs that focused on job training

Noise pollution could decrease wildlife populations by driving populations out of areas used for breeding.true or false?

Which organization gained popularity in reaction the the film Birth of a Nation

Fred and Sara work as part-time employees for a lawyer. Last week Fred worked 4 hours more than twice the number of hours Sara worked. Together they worked a total of 37 hours. What was the total number of hours that Fred worked last week?

Alan observed that a lot of soil from his garden swept off from after heavy rain. Which is this process called? A.groundwater recharge B.snow melt C.infiltration D.surface runoff

What components of the atom are found outside of the nucleus? protons electrons neutrons all are found in the nucleus

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