

**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 cast 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 get slow .

A company that adapts its product mix to meet the needs of a new market is using which of the following global marketing strategies  
market development  
diversification strategy  
product development  
undiversified

Which agricultural innovation increased production in the 1700s? A. cash crops

B. four-crop rotations

C. plantations

D. hybrids

Your lab bench has a surface area of 5.2 square feet (5.2 ft<sup>2</sup>). what is the surface area in square inches (in<sup>2</sup>)?

Tick the value of the digit 3 in 57.623 1. 3 thousandths

2. 3 units

3. 3 tenths

4. 3 hundredths

Identify each sentence as simple, compound, complex, or compound-complex. The roots supposedly alleviate stomach problems, reduce blood pressure, and even give relief from the common cold.

simple

compound

complex

compound-complex

What is the author's viewpoint in this excerpt? england's demand for tea encouraged international cooperation. england's demand for tea caused conflict around

the world. Britain planted tea in China because Britain was at war with India. Britain traded silver to buy tea, which resulted in high taxes?

The Love Canal situation in upstate New York made the American public increasingly aware of the costs of

A. race and gender discrimination

B. inadequate health care

C. poor educational facilities

D. environmental degradation

Find the area of the quadrilateral below. Hint, try dividing it up into two triangles.

HELP!! :( The area ( $A$ ) of a circle is a function of its radius ( $r$ ) and is given by the function  $A = f(r) = \pi r^2$ . What is the domain of this function?

a: all positive real numbers

b: all real numbers

c: all positive real numbers including 0

d: all real numbers excluding fractions

Mayfly Larvae are sensitive to pollution. What would happen if a disaster struck such as pollution in the stream? SELECT ALL THAT APPLY Group of answer choices

Organisms that are eaten by the mayfly will increase

Organisms that eat mayfly would consume more of other organisms in their diet

no effect

Organisms that eat mayfly will decrease at first

What made politics in the Gilded Age so extremely popular—with over 80 percent voter participation—yet so often corrupt and unconcerned with important national issues?

Animal cells and bacterial cells both may have all of the following cell structures except

a. mitochondria.

b. DNA.

c. plasma membrane.

d. flagella.

Which of the following kept the United States and Canada free from attacks during World Wars I and II?

A. their people

B.

their freedom

C.

their politics

D.

their location

The terms "criteria" and "standards" are often used interchangeably, but they actually have distinct definitions. "measurable qualities, attributes, or characteristics that identify knowledge or health status" are known as:

Who was the first explorer to find a sea route from europe to asia

John is planning a party for 200 guests, using 12-liter punch bowls. If he uses 200 mL cups, how many whole bowls are needed to serve each guest once without refilling the bowls?

What is six million seven hundred thousand and twenty in standard form

Which of the following is a result of shifting a circle with equation  $(x - 3)^2 + (y - 5)^2 = 36$  down 2 units?

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