

Acceleration = change of velocity divided by time interval = $\Delta v / \Delta t$. Find the acceleration of a car that can go from rest to 120 km/h in 14 s.

Answer:

$$a = 2.378 \text{ m/s}^2$$

Explanation:

$$a = \Delta v / \Delta t \text{-----eq(1)}$$

$$\Delta v = V_f - V_i = 120 \text{ km/h} - 0 \text{ km/h} = 120 \text{ km/h}$$

$$\text{or } \Delta v = 33.3 \text{ m/sec}$$

$$\text{or time} = t = 14 \text{ s}$$

putting values in eq(1)

$$a = 33.3 / 14$$

$$a = 2.378 \text{ m/s}^2$$

Answer:

Follow me

Explanation:

$$A = 2.378 \text{ M/S}^2$$

A movie theater charges \$5 for an adult's ticket and \$2 for a child's ticket. one saturday, the theater sold 785 tickets for \$3280. how many of each type of ticket were sold?

What is the probability of picking an i in the word Georgia?

The fossil record matches the geologic record.

PLEASE ANSWER QUESTION AND ILL GIVE YOU BRILLIANT AND FREE POINTS from The Great Gatsby

by F. Scott Fitzgerald

We shook hands.

"Oh, and do you remember."—she added—" a conversation we had once about driving a car?"

"Why—not exactly."

"You said a bad driver was only safe until she met another bad driver? Well, I met another bad driver, didn't I? I mean it was careless of me to make such a wrong guess. I thought you were rather an honest, straightforward person. I thought it was your secret pride."

"I'm thirty," I said. "I'm five years too old to lie to myself and call it honor."

She didn't answer. Angry, and half in love with her, and tremendously sorry, I turned away.

The author uses dialogue

A.

to portray the personalities of the characters.

B.

to foreshadow the outcome of events.

C.

to help the characters hide their feelings.

D.

to define the symbols of driving and guessing.

Read the excerpt from Beowulf. Which of Beowulf's qualities do these lines depict?

Sharing objects one at a time until there are none left

A car starts from Hither, goes 50 km in a straight line to Yon, immediately turns around, and returns to Hither. The time for this round trip is 2 hours. The average speed of the car for this round trip is:

If the measure of angle A is 40 degrees and the length of side b is 15 inches, which can be the length of side a if it is possible to form two triangles?

Which number is less than 6,789,405

Respiration involves the release of energy due to the breakdown of large polymers. What type of a reaction is respiration?

A young female is complaining of sharp pain to the left lower quadrant of her abdomen. She states that her last period was seven weeks ago. With this information, the EMT should be suspicious of:

1) Over the past ten years more than two dozen athletes have died from the medical condition known as heatstroke. Heatstroke occurs when the body's internal temperature becomes so elevated that its cooling system begins shutting down. Who is most at risk? Surprisingly, it is younger athletes. They often either do not recognize or ignore the warning signs until it's too late. To make matters worse, children's bodies are much less efficient than adults at cooling themselves. A promising new product hopes to end the all too common heatstroke trend. It is called a thermometer pill. 2) While it doesn't look much different than the average vitamin capsule, the work it does inside the body is truly amazing. Once ingested these capsules send an internal body temperature reading to a portable device that is like a Palm Pilot. A coach or professional trainer monitors the device during practices or events held when temperatures and heat indexes are

particularly high. If an athlete's body temperature reaches a dangerous level, the monitor immediately transmits an alert. The player is then rushed indoors and placed in an ice bath to rapidly decrease his or her body temperature. This is important, since internal organs can begin shutting down at 105 degrees Fahrenheit.

3) While these tiny lifesavers have proven to be effective, they are quite expensive. On average the cost is \$50.00 per pill. However, many parents of young athletes say that it is a small price to pay for the piece of mind it gives them on a hot, sultry day.

The organizational structure used in this passage is

- A) logical order
- B) spatial order
- C) cause and effect
- D) compare and contrast

Which of the following accurately describes the limits of science? A. Science can answer questions only about how something happened.

B. Science can answer ethical questions.

C. Science cannot answer questions about how something happened.

D. Science cannot answer ethical questions.

HELP PLSS* i need an answer and please no guessing

Which of the following is a normative statement? Group of answer choices The sky is blue. The sky is green with pink polka dots. Points on the production possibilities frontier (PPF) are efficient. Points outside the PPF are unattainable with current resources. We should strive to push the PPF outward.

Animal-like features of euglena

I need help with this homogeneous equation

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