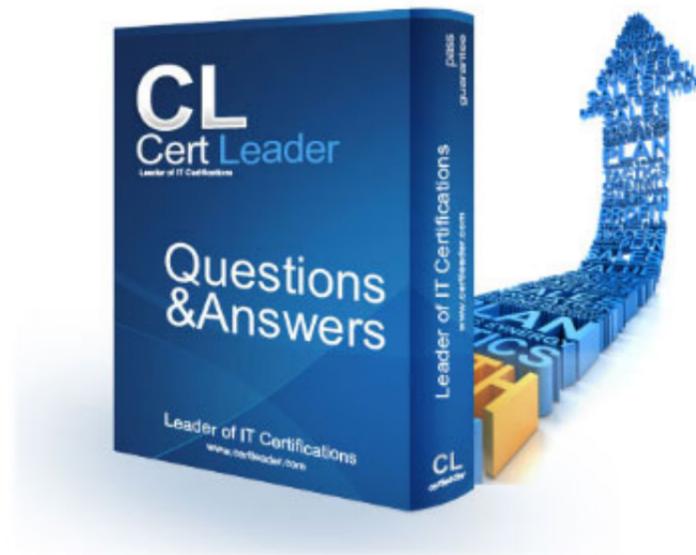


GRE Dumps

GRE General Test

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NEW QUESTION 1

CORRECT TEXT - (Topic 1)

The following appeared in a letter to the editor of a Batavia newspaper

"The department of agriculture in Batavia reports that the number of dairy farms throughout the country is now 25 percent greater than it was 10 years ago. Dunne this same time period, however, the price of milk at the local Excello Food Market has increased from \$1.50 to over \$3.00 per gallon. To prevent farmers from continuing to receive excessive profits on an apparently increased supply of milk, the Batavia government should begin to regulate retail milk prices. Such regulation is necessary to ensure fair prices for consumers."

Write a response in which you discuss what questions would need to be answered in order to decide whether the recommendation is likely to have the predicted result. Be sure to explain how the answers to these questions would help to evaluate the recommendation.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The letter slates a proposal to act as a solution for a given problem. It states that milk producers have increased the price of milk in spite of an increase in the supply, which enables them to receive excessive profits. The given suggestion is that government intervention might be a possible solution for addressing this issue. The proposal has given only a subjective view but has failed to prove how the government intervention might help them reach the required outcome through valid evidences.

Firstly, the letter has failed to address the population growth in the region of Batavia. In the event of considering the supply and demand in a place, it is crucial to take into consideration the population of the place, the equal proportion of the growth in the number of dairy farms. This might lead to many reasons and it could also dissolve the issue if the population outburst might have happened.

Another major issue that the letter has failed to address is the impact of the general rise in inflation. It is to be understood that in any economy it is imperative that there would be an increase in the price of products and services over a period of time. There could even be an increase in the raw materials, fodder, and medical expenses incurred by the dairy farm owners and milk manufacturers.

The third arbitrary assumption made by the letter would be that the profit are being solely taken by the manufacturers, the labor wages, cost of production and even the cost incurred during the delivery might have substantially increased. If various such factors are to be considered then the appropriate solution cannot be just the government intervention and there might be a need for a more comprehensive solution.

To conclude, the letter might appear to have addressed the issue but in reality it has failed to view it from the different dimension and ultimately fails to give a clear responsive view with valued evidences and supportive data.

NEW QUESTION 2

CORRECT TEXT - (Topic 1)

The following appeared in a letter from the owner of the Sunnyside Towers apartment complex to its manager.

"Last week, all the showerheads in the first three buildings of the Sunnyside Towers complex were modified to restrict maximum water flow to one-third of what it used to be. Although actual readings of water usage before and after the adjustment are not yet available, the change will obviously result in a considerable savings for Sunnyside Corporation, since the corporation must pay for water each month. Except for a few complaints about low water pressure, no problems with showers have been reported since the adjustment. Clearly, modifying showerheads to restrict water flow throughout all twelve buildings in the Sunnyside Towers complex will increase our profits further."

Write a response in which you examine the stated and/or unstated assumptions of the argument. Be sure to explain how the argument depends on these assumptions and what the implications are for the argument if the assumptions prove unwarranted.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The given letter is from the owner of the Sunnyside apartment complex to the manager of the buildings and it is regarding the replacement of the showerheads in the buildings and the statement is made making an assumption that in the future there would be more profit if they make the same changes to more profits.

The owner has stated his perspective by taking into account a generalized view point and also given the lack of evidentiary values creates a dearth and paucity in the statements made by the owner. The weakness in the statement is purely created due to the general assumption of the owner and not based on the data or substantial evidence of the observation made in the changes in the building.

The Drawbacks have been mentioned by the owner but they have not been considered seriously as negative possibilities that might cause them future expenses.

The other important aspect is the lack of the consideration given to the various factors. The owner's statement are primarily focused on the profits and they negate all other aspects such as the water pressure and the exact data which he clearly states is unavailable till now.

[Without considering the exact usage of the water based on the number of people who are using, the exact number of shower heads, the total amount of water consumed, the average supply of water in the building, the total profit that they might make, the overheads cost and the cost of installation of the new shower heads all need to be stipulated and then considered on a serious note before they proceed with the changes.

The owner needs to conduct a proper study of the data rather than making a hyperbolic assumption that they would meet profits, given that there is no guarantee for the same.

It is essential for the statement to also consider the extent of profit that they could make (brought the proposed change).

To conclude, it is essential for the statement postulated in the letter to consider more comprehensive aspects before arriving at the conclusion that would only undermine and weaken the perspective of the given letter.

NEW QUESTION 3

CORRECT TEXT - (Topic 1)

The following appeared in a memo from the president of Bower Builders, a company that constructs new homes.

"A nationwide survey reveals that the two most-desired home features are a large family room and a large, well-appointed kitchen. A number of homes in our area built by our competitor Domus Construction have such features and have sold much faster and at significantly higher prices than the national average. To boost sales and profits, we should increase the size of the family rooms and kitchens in all the homes we build and should make state-of-the-art kitchens a standard feature. Moreover, our larger family rooms and kitchens can come at the expense of the dining room, since many of our recent buyers say they do not need a separate dining room for family meals."

Write a response in which you examine the stated and/or unstated assumptions of the argument. Be sure to explain how the argument depends on these assumptions and what the implications are for the argument if the assumptions prove unwarranted.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The memo discusses in detail about the statements made in order to suppose a suggestion that might get more profits for the firm. It is essential that the statements need to be supported by proper data and facts. The given statement is unsupported and is built upon a basic premise of an expected possibility in the future. The memo states that a change in the manner or pattern in which the house is built will probably be helpful for the company to improve its nature and also profit.

The company believes that they would be able to improve the profit by replacing the dining room space with more space for living room and kitchen, they also focus on state of the art kitchen facilities. It is impertative that the company states the various assumptions and the basis on which these assumptions would be stated. The company has failed to show and prove any given data or fact that ought of lead to the evidence that there might be possible increase in the profits. The preferential choices of the people have also not been stated any where in the passage. The random generalization only weaknes and undermiens the statement. the statement has to be supported with survey from the people or the purchasers which might provide better insights to the given statements. It is essential for the company to consider the other factors and look into the sales for the holistic perpoective rather that from a profit oriented angle. The type of assumptions made in the memo are subjective and inclined towards a great extent. which might be flawed in the event of not proving any lsubstantial evidences.

To conclude. I think that it is essential for the company to substantiate the views and assumptions with better data and facts, failing which it would remain to be flawed. Any assumptions needs to be places on valid and reasonable ideas without which the core of the premise would hold no good.

NEW QUESTION 4

CORRECT TEXT - (Topic 1)

No act is done purely for the benefit of Claim: others

All actions—even those that seem to be done for other people—are based on self-interest. Reason-

Write a response in which you discuss the extent to which you agree or disagree with the claim and the reason on which that claim is based.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

We live in an altrustic world where being selfish and self centred have become commonplace It is human nature to be selfish and think for one self as stated in the claim, at time s even when we tend to act for three wellbeing and goodness of other it is hidden and implied there would be a reason for the action I strongly agree with the given claim and also the reason on which the claim is based upon

Firstly, every action that is being done by humans, the hughest and most evolved form of animals tend to have certain primitive features still attached. The simple act of placing oneself and then close ones in priority when in terms of decision making. For example, people always make sure that they have fulfilled their own needs and sometimes they ensure that their wants are also fulfilled. This trait of humans would never change and it would be the same even in the future Even in the dystopian literature and the novels that I have come across humans have never been projected as a selfless creature.

Secondly, the phlight of the reason is imperative to be understood. The claim is being bolstered and strengthened through the reason The word' All actions" might sound a bit hyperbole and may be exagerated but in general most for he actions done by people for the welfare of the others would have a significant and crucial feature in the their own wellbeing. To illustrate, my friend used to teach us certain chapters and concepts in high school later he revealed tat teaching us helped him to understand the concepts and even remember them even better As stated above, the claim is certainly true to a greater extent, however the reason might be blown out of propotion. Just as how selfishness is a human triat so is selflessness.

To conclude, human life is filled with balances always, people tend to be good for the others and might expect certain benefits for themself This inherent trait at least keeps the sense of helping tendency alive. Hence I would agree that even when people act for the other it would have some tangible or intangible benefit for oneself.

NEW QUESTION 5

CORRECT TEXT - (Topic 1)

The following appeared in a letter to the editor of a Batavia newspaper

"The department of agriculture in Batavia reports that the number of dairy farms throughout the country is now 25 percent greater than it was 10 years ago. During this same time period, however, the price of milk at the local Excello Food Market has increased from \$1.50 to over \$3.00 per gallon. To prevent farmers from continuing to receive excessive profits on an apparently increased supply of milk, the Batavia government should begin to regulate retail milk prices Such regulation is necessary to ensure fair prices for consumers."

Write a response in which you discuss what questions would need to be answered in order to decide whether the recommendation is likely to have the predicted result Be sure to explain how the answers to these questions would help to evaluate the recommendation

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

The letter states a proposal to act as a solution for a given problem. It states that milk producers have increased the price of milk inspite of an increase in the supply, which enables them to receive excessive profits. The given suggestion is that government intervention might be a possible solution for addressing this issue. The proposal has given only a subjective view but has failed to prove how the government intervention might help them reach the required outcome through valid evidences.

Firstly. The letter has failed to address the population growth in the region of Batavia. in the event of considering the supply and demand in a place. It is crucial to take into consideration the population of the place the equal proportion of the growth in the number of dairy farms This might lead to many reasons and it could also dissolve the issue if the population outburst might have happened.

Another major issue that the letter has failed to address is the impact of the general rpice inflation. It is to be understood that in any economy it is imperative that there would be an increase in the price of products and services over a period of time. There could even be an increase in the raw materials, fodder, and medical expenses incurred by the dairy farm owners and milk manufacturers.

The third arbitrary assumption made by the letter would be that the profits are being solely taken by the manufacturers, the labor wages, cost of production and even the cost incurred doing the deliver) might have substantially increased. If various such factors are to be considered then the appropriate solution cannot be just the government intervention and there might be a need for a more comprehensive solution.

To conclude, the letter might appear to have addressed the issue but in reality it has failed to view it from the different dimension and ultimately fails to give a clear responsive view with valued evidences and supportive data.

NEW QUESTION 6

- (Topic 2)

Sets A and B contain 40 and 30 elements, respectively, and 16 of the elements in B are not in A. Set C is the set of all elements that are in A or in B or in both. One element is to be selected at random from C. What is the probability that the selected element will be a member of both A and B?

A)

$$\frac{1}{5}$$

B)

$$\frac{8}{35}$$

C)

$$\frac{1}{4}$$

D)

$$\frac{2}{7}$$

E)

$$\frac{3}{7}$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

NEW QUESTION 7

- (Topic 2)

In the xy-plane, the graph of a certain quadratic function has a single x-intercept and passes through the point (2,8). If the x-intercept of the graph is - X what is its y-intercept?

A)

$$\frac{8}{25}$$

B)

$$\frac{8}{5}$$

C)

$$\frac{72}{25}$$

D)

$$\frac{24}{5}$$

E)

$$\frac{121}{25}$$

- A. Option
- B. Option
- C. Option
- D. Option
- E. Option

Answer: C

NEW QUESTION 8

- (Topic 2)

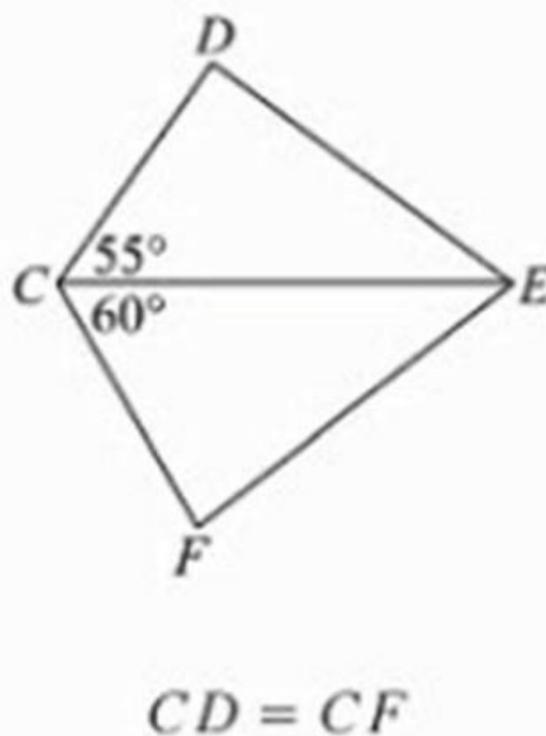
A continuous random variable R has a mean of 77 and a standard deviation of 8. What is the value of R that is 2.5 standard deviations above the mean?

- A. 79.5
- B. 85
- C. 87.5
- D. 93
- E. 97

Answer: E

NEW QUESTION 9

- (Topic 2)
Exhibit.



Quantity A

DE

Quantity B

EF

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal
- D. The relationship cannot be determined from the information given.

Answer: D

NEW QUESTION 10

- (Topic 2)

A box is being lowered to the ground by a machine. The distance from the bottom of the box to the ground is initially 244 centimeters, and the distance decreases at a constant rate of 2 centimeters per second until the bottom of the box reaches the ground. If the distance is graphed in the w -plane, where v represents the distance, in centimeters, from the bottom of the box to the ground after X seconds, what is the x -intercept of the graph?

- A. 122
- B. 242
- C. 244
- D. 246
- E. 248

Answer: C

NEW QUESTION 10

- (Topic 2)

If $x \leq -1$, which of the following statements must be true?

indicate all such statements.

A)

$$\sqrt{x^2} = x$$

B)

$$\sqrt{(-x)|x|} = -x$$

C)

$$\sqrt{(x-1)^2} = 1-x$$

- A. Option A
- B. Option B
- C. Option C

Answer: ABC

NEW QUESTION 14

- (Topic 2)

A candy retailer packs pieces of fudge either in boxes of 12 pieces each or in boxes of 15 pieces each. If the retailer uses only 12-piece boxes to pack a certain batch of fudge, then 1 piece will be left over. If the retailer uses only 15-piece boxes to pack the batch, then 10 pieces will be left over and the retailer will use 7 fewer boxes than when using the 12-piece boxes. How many pieces of fudge are in the batch?

- A. 325
- B. 360
- C. 385
- D. 445
- E. 455

Answer: C

NEW QUESTION 19

- (Topic 2)

-5, -3, -1, 0, 10, 20

How many different sums can be obtained by adding two different numbers from the list shown?

- A. 11
- B. 12
- C. 13
- D. 14

Answer: D

NEW QUESTION 23

- (Topic 2)

A certain train will travel from City A to City B, and then back to City A along the same route. The train is scheduled to spend a total of T hours traveling time for the round-trip. The train travels from City A to City B in 13 hours, traveling at an average speed of 25 miles per hour. If the train is to arrive exactly on schedule, at what average speed must the train travel from City B to City A?

A)

$$\frac{T-13}{(25)(130)}$$

B)

$$\frac{(T-13)(130)}{25}$$

C)

$$\frac{(T-13)(25)}{130}$$

D)

$$\frac{(25)(13)}{T - 13}$$

E)

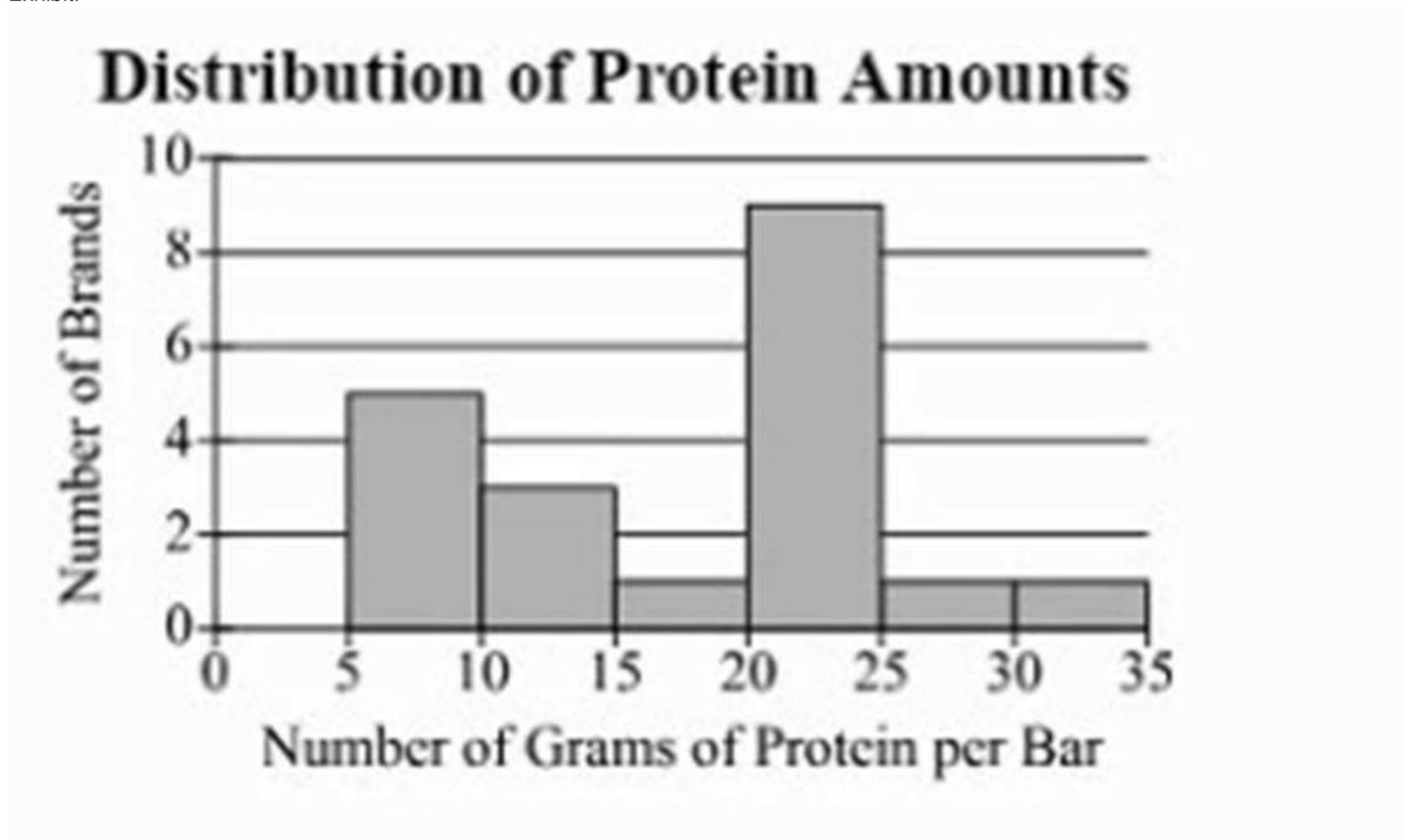
$$\frac{25}{(13)(T - 13)}$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: D

NEW QUESTION 25

- (Topic 2)
Exhibit.



For each of 20 brands of protein bars, the number of grams of protein per bar was rounded to the nearest gram and recorded. The histogram shows the frequency distribution of the recorded numbers of grams of protein per bar for the 20 brands, where each interval shown includes its left endpoint and excludes its right endpoint. Based on the histogram, which of the following could be the average (arithmetic mean) and the median, respectively, of the recorded numbers of grams of protein per bar for the 20 brands?

- A. 16 and 21
- B. 18 and 17
- C. 19 and 19
- D. 21 and 22
- E. 23 and 21

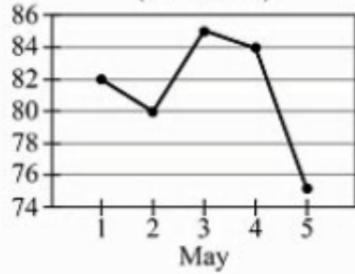
Answer: D

NEW QUESTION 26

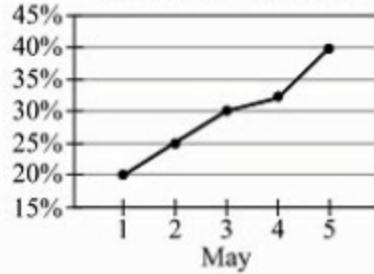
- (Topic 2)

Television Viewing From May 1 to May 5

Daily Number of Television Viewers
(in millions)



Percent of Daily Television Viewers Who Watched Show X



The number A^* of television viewers who watched Show A" on May 2 is approximately what percent greater, or less, than the number n of television viewers who watched Show A'on May 1 ?

- A. k is 2.5 percent less than n .
- B. k is 5 percent less than n .
- C. k is 5 percent greater than N .
- D. k is 18 percent greater than n .
- E. k is 22 percent greater than n .

Answer: D

NEW QUESTION 28

- (Topic 2)

In the xy -plane, line K passes through points $(-2, 6)$ and $(4, 3)$. What is the y -intercept of line K ?

- A. 4.0
- B. 4.5
- C. 5.0
- D. 5.2
- E. 5.5

Answer: C

NEW QUESTION 33

CORRECT TEXT - (Topic 2)

If $x - y = \frac{3}{20}$ and $y - z = \frac{4}{15}$, what is the value of $x - z$?

Give your answer as a fraction.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
answer is as

25

60

NEW QUESTION 35

- (Topic 2)

$$s = |t - 2|$$

Quantity A

$$s + 2$$

Quantity B

$$|t|$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: D

NEW QUESTION 37

- (Topic 2)

If n is a positive integer such that 51 is a factor of n , which of the following could be the units digit of n ? Indicate all such digits.

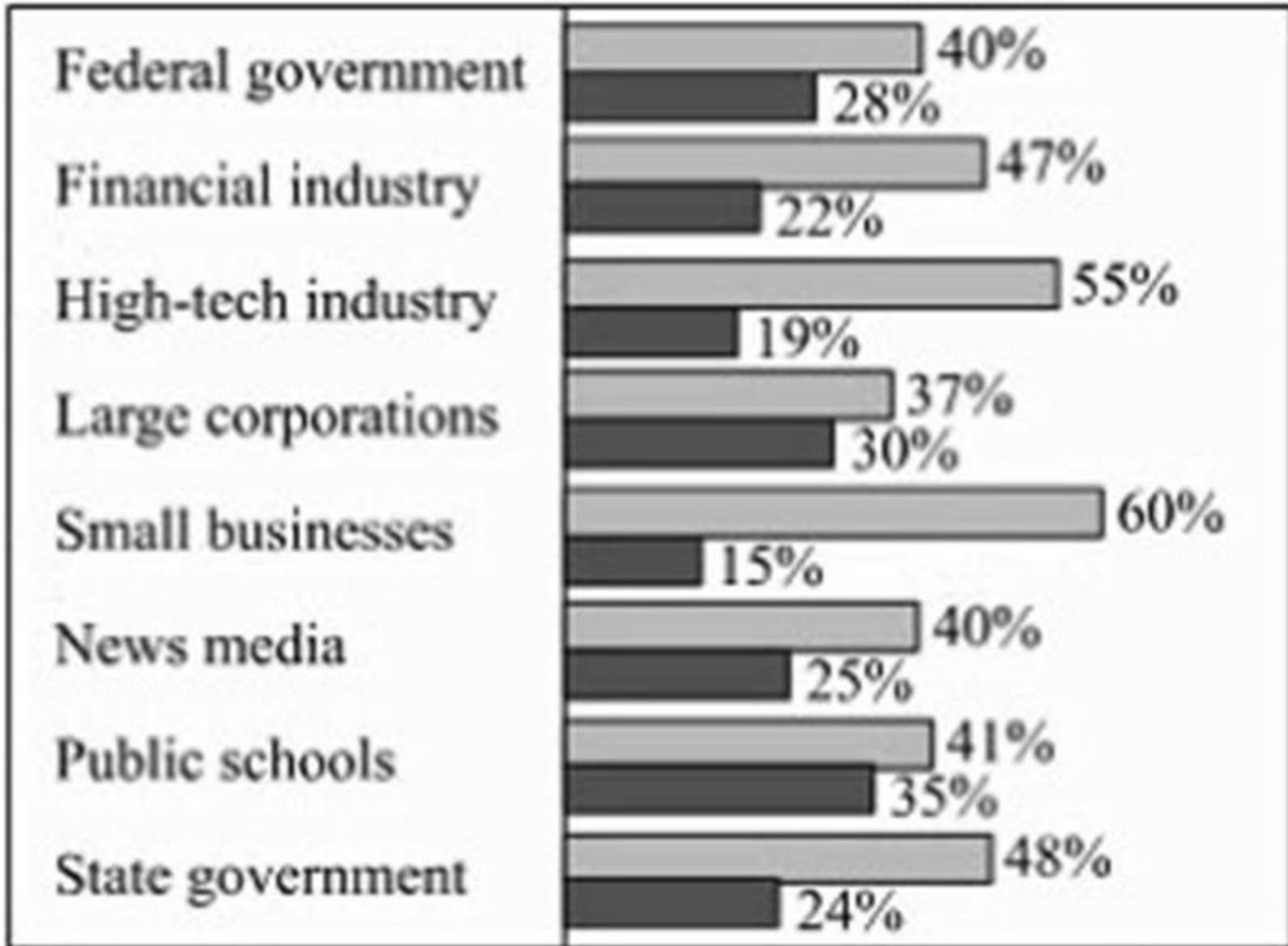
- A. 1
- B. 2
- C. 3
- D. 4
- E. 5
- F. 6
- G. 7
- H. 8
- I. 9

Answer: A

NEW QUESTION 41

- (Topic 2)

The graph summarizes the responses from 4,500 respondents who rated their degree of confidence in each of eight United States institutions. Each respondent gave each institution one of five confidence ratings: high, moderate, little, none, or undecided.



Percent of respondents who gave a rating of high or moderate
 Percent of respondents who gave a rating of little or none

For the respondents who rated their degree of confidence in state government high or moderate, the ratio of the number who gave a rating of high to the number who gave a rating of moderate was 1 to 3. How many of the respondents rated their degree of confidence in state government high?

- A. 540
- B. 570
- C. 620
- D. 680
- E. 720

Answer: D

NEW QUESTION 42

- (Topic 2)

The area of square S is twice the area of square T .

Quantity A

Quantity B

The length of a diagonal of square T

The length of a side of square S

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 45

- (Topic 2)

Annual Budget of the Alden Family in Year X

Category	Amount
Housing	\$7,600
Food	4,000
Transportation	4,400
Clothing	3,600
Medical services	3,800
Insurance	6,400
Entertainment	2,800
Vacation	4,400
Savings	3,000
Total	\$40,000

In each of the years after year A", the Alden family budgeted \$200 more for savings than it budgeted for savings the previous year. What is the total amount that the Alden family budgeted for savings over the 10 years beginning with year A"?

- A. \$30,000
- B. \$32,000
- C. \$36,000
- D. \$39,000
- E. \$42,000

Answer: C

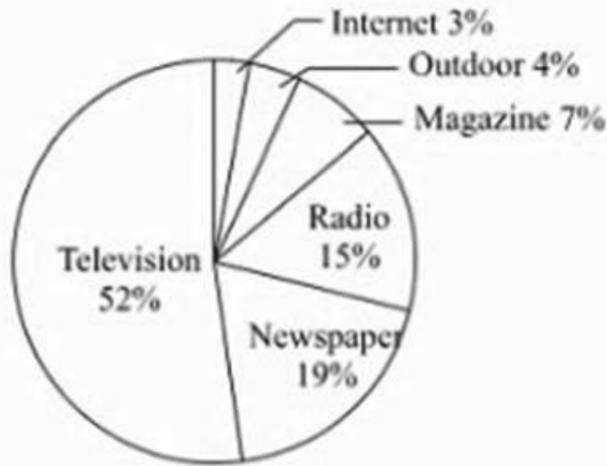
NEW QUESTION 50

CORRECT TEXT - (Topic 2)

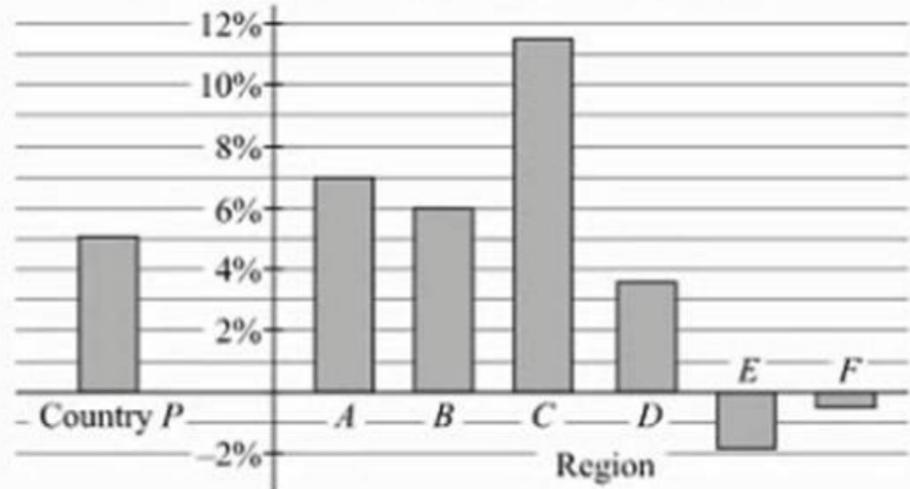
Amount Spent on Advertising in Country P in 2013

(Total amount spent: \$952 million)

Distribution of Amount Spent on Advertising, by Media Type



Percent Change in Amount Spent on Advertising from 2012 to 2013, by Region of Country P



In Country P in 2013, how much more was spent on television advertising than on radio and Internet advertising combined? Give your answer to the nearest million dollars.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
342 million

NEW QUESTION 52

- (Topic 2)
Exhibit.

Quantity A

The area of a circular region with radius $\frac{1}{2}$

Quantity B

The area of a circular region with diameter 1

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 57

- (Topic 2)

Annual Budget of the Alden Family in Year X

Category	Amount
Housing	\$7,600
Food	4,000
Transportation	4,400
Clothing	3,600
Medical services	3,800
Insurance	6,400
Entertainment	2,800
Vacation	4,400
Savings	3,000
Total	\$40,000

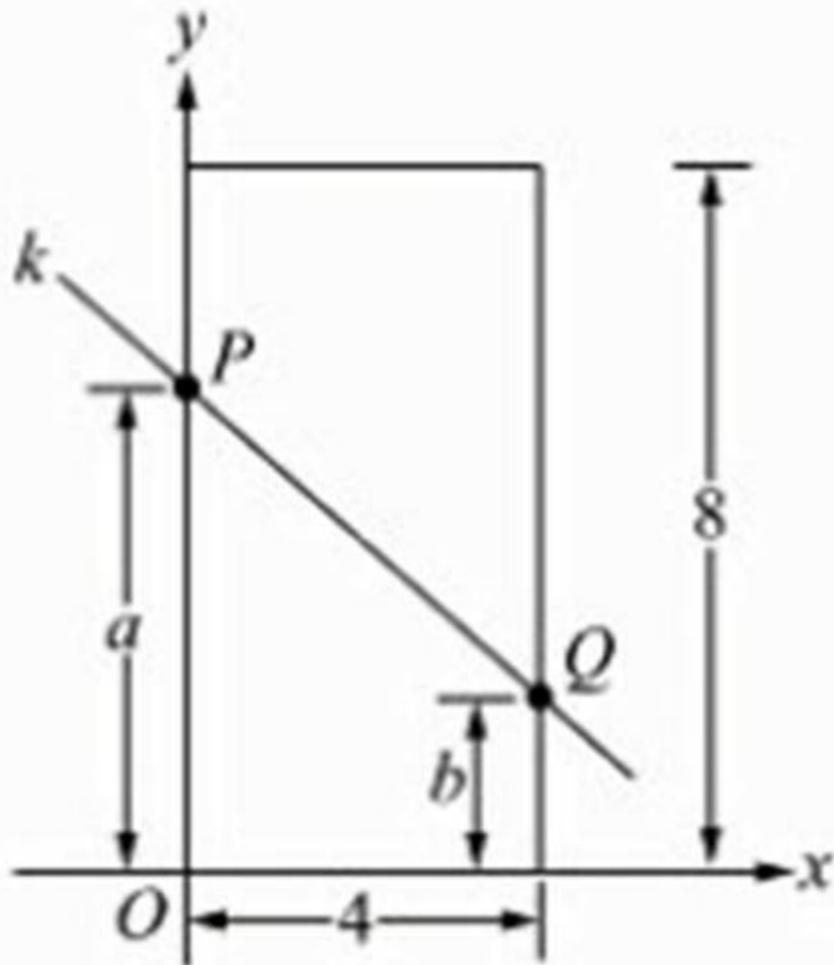
The three children in the Alden family contributed 30 percent of the amount budgeted for savings. The oldest child contributed \$150 more than the youngest child, and the middle child contributed \$60 more than the youngest child. What was the median of the amounts that the children contributed to savings ?

- A. \$230
- B. \$270
- C. \$290
- D. \$300
- E. \$380

Answer: C

NEW QUESTION 59

- (Topic 2)



In the xy -plane, line k intersects the rectangle shown at points P and Q . Which of the following represents the slope of line k ?

A)

$$\frac{4}{b - a}$$

B)

$$\frac{8 - a}{a}$$

C)

$$\frac{b - 8}{4}$$

D)

$$\frac{b - a}{4}$$

E)

$$\frac{a - b}{b}$$

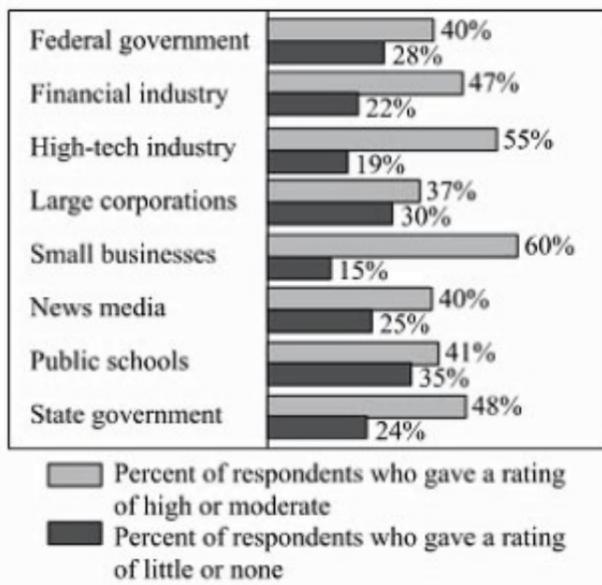
- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: D

NEW QUESTION 64

- (Topic 2)

The graph summarizes the responses from 4,500 respondents who rated their degree of confidence in each of eight United States institutions. Each respondent gave each institution one of five confidence ratings: high, moderate, little, none, or undecided.



Of the respondents who did not rate their degree of confidence in the federal government undecided, approximately what fraction rated their degree of confidence in that institution little or none?

A)

$$\frac{3}{10}$$

B)

$$\frac{2}{5}$$

C)

$$\frac{1}{2}$$

D)

$$\frac{3}{5}$$

E)

$$\frac{7}{10}$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: B

NEW QUESTION 65

- (Topic 2)

In triangle ABC, AB = 9 and BC = 12- Which of the following values could be the perimeter of triangle ABC? Indicate all such values.

- A. 21
- B. 25
- C. 28
- D. 36
- E. 43
- F. 47

Answer: BCD

NEW QUESTION 67

- (Topic 2)

The reciprocal of n equals 8 times the square of n .

Quantity A

$$\frac{1}{n}$$

Quantity B

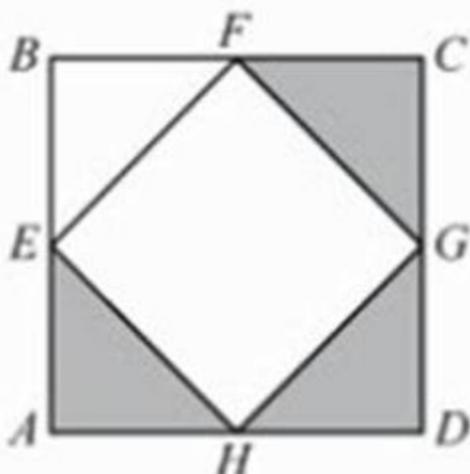
$$2$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 69

CORRECT TEXT - (Topic 2)



In the figure shown. ABCD is a square and E. F. G.and H are the midpoints of the respective sides. If AD = 1, what is the sum of the areas of the shaded regions? Give your answer as a fraction.

Give your answer as a fraction.

$$\frac{\boxed{}}{\boxed{}}$$

Enter your answer as a fraction, with the numerator and denominator in their respective answer boxes. Backspace to erase.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
below is the answer.

$$\frac{\boxed{3}}{\boxed{8}}$$

NEW QUESTION 70

- (Topic 2)

For the five days shown, the median daily number of television viewers, in millions, was closest to which of the following?

- A. 78
- B. 79
- C. 80
- D. 82
- E. 85

Answer: D

NEW QUESTION 72

- (Topic 2)

An integer x is to be randomly selected from the set $\{2, 3, 4, 5, 6, 7, 8\}$.

Quantity A

The probability that the units digit of x^3 will equal x

Quantity B

$$\frac{2}{7}$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: A

NEW QUESTION 73
- (Topic 2)

n is an integer, and k is not an integer.

$$0 < k < n < k + 2$$

Quantity A

$$n$$

Quantity B

$$k + 1$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: D

NEW QUESTION 75
- (Topic 2)

A certain company made neither a profit nor a loss on the first 1,000 widgets it sold and made a profit of \$0.50 on each widget it sold after the first 1,000. If the company's total profit from the sale of widgets was p dollars, what is the number of widgets it sold in terms of p ?

A)

$$2p$$

B)

$$2(p + 1,000)$$

C)

$$2p + 1,000$$

D)

$$\frac{p + 1,000}{2}$$

E)

$$\frac{p}{2} + 1,000$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

NEW QUESTION 80

- (Topic 2)

A health club has 600 members. 175 of whom exercised last Friday and 450 of whom exercised last Saturday. Of the members who exercised on at least one of the two days, 90 exercised both last Friday and last Saturday. Which of the following statements are true?

- A. More than 300 of the members exercised last Saturday but not last Friday.
- B. More than 600 of the members exercised either last Friday or last Saturday or both.
- C. More than 400 of the members exercised neither last Friday nor last Saturday.

Answer: A

NEW QUESTION 83

- (Topic 2)

For a list of 77 consecutive integers, the median is 70.

Quantity A	Quantity B
The least integer in the list	32

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 86

- (Topic 2)

An investor purchased two properties, A and B. The investor later sold property A at a selling price that was 20 percent more than the purchase price of A, and the investor sold property B at a selling price that was 40 percent less than the purchase price of B. If the combined purchase price of properties A and B was \$200,000 and the combined selling price was \$210,000, what was the selling price of property A?

- A. \$160,000
- B. \$170,000
- C. \$180,000
- D. \$190,000
- E. \$200,000

Answer: C

NEW QUESTION 89

- (Topic 2)

$$a > 0 \text{ and } 0 < b < 1$$

Quantity A

$$a^2$$

Quantity B

$$ab$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: D

NEW QUESTION 90

- (Topic 2)

For all numbers a and b , the operations \square and \triangle are defined by

$$a \square b = a^2 - b^2$$

$$a \triangle b = a^2 + b^2$$

Quantity A

$$(2 \square -2) \triangle (3 \square 3)$$

Quantity B

$$0$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 91

- (Topic 2)
Exhibit.

Fish Type	Cost per Fish
A	\$12
B	\$11
C	\$9

Hezekiah has a whole number of dollars to purchase fish for his fish tank. He has less than \$100, and the cost of each type of fish is shown in the table. If he purchases as many fish of type A as he can and no other fish, he will have \$4 remaining. If he purchases as many fish of type B as he can and 1 fish of type C, he will have \$0 remaining. How many dollars does Hezekiah have?

- A. \$52
- B. \$64
- C. \$66
- D. \$72
- E. \$75

Answer: B

NEW QUESTION 94

- (Topic 2)

How many fnsi-ye.it students did 112! take the placemen! exam in 1995 ?

- A. 57
- B. 63
- C. 66
- D. 70
- E. 73

Answer: D

Explanation:

Foreign-Language Placement Exam Data at College X 1990–1995

Year	Number of First-Year Students Who Took the Placement Exam	Percent of First-Year Students Who Took the Placement Exam
1990	529	92%
1991	540	91%
1992	641	80%
1993	629	85%
1994	660	90%
1995	630	90%

NEW QUESTION 99

- (Topic 2)

$$\frac{\frac{1}{5} + \frac{1}{x}}{\frac{1}{20}} = 5 + y$$

If x and y in the equation shown are numbers that satisfy $y < 0$ and $|x| = |y|$, which of the following must be the value of x ?

- A. -5
- B. -3
- C. 1
- D. 4
- E. 5

Answer: A

NEW QUESTION 100

- (Topic 2)

Which of the following is most nearly equal to $\frac{2.5 \times 10^6}{2.5 \times 10^6 - 3.5 \times 10^{-6}}$?

A)

$$-2.5 \times 10^6$$

B)

$$-3.5 \times 10^{-6}$$

C)

$$2.5 \times 10^6$$

D)



- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

NEW QUESTION 101

- (Topic 2)

At a factory, 6 machines work independently at the same constant rate to produce certain parts. If 5 of the machines, working simultaneously at this rate, produce a total of 200 such parts in 4 days, how many days will it take all 6 machines, working simultaneously at this rate, to produce a total of 300 such parts?

- A. 4.0
- B. 4.5
- C. 5.0
- D. 5.5
- E. 6.0

Answer: C

NEW QUESTION 104

- (Topic 2)

$x^2 = 4$ and $y^2 = 1$	
<u>Quantity A</u>	<u>Quantity B</u>
$(x - y)^2$	3

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

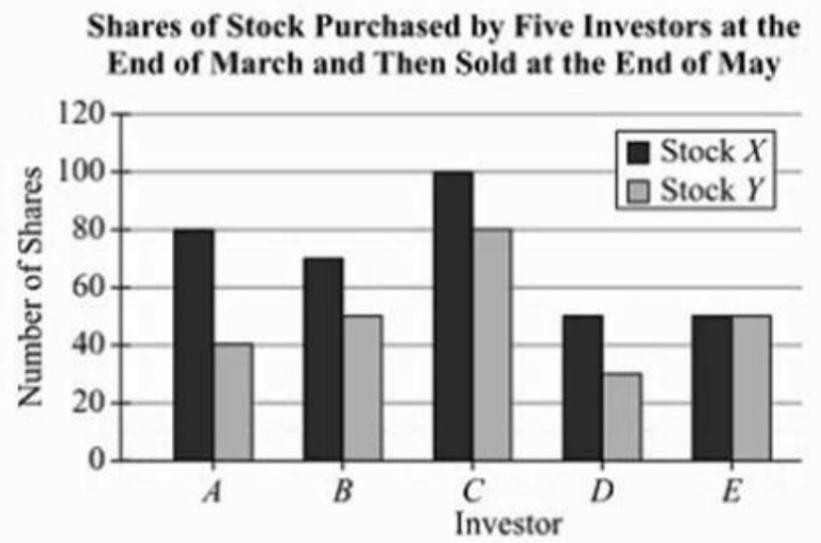
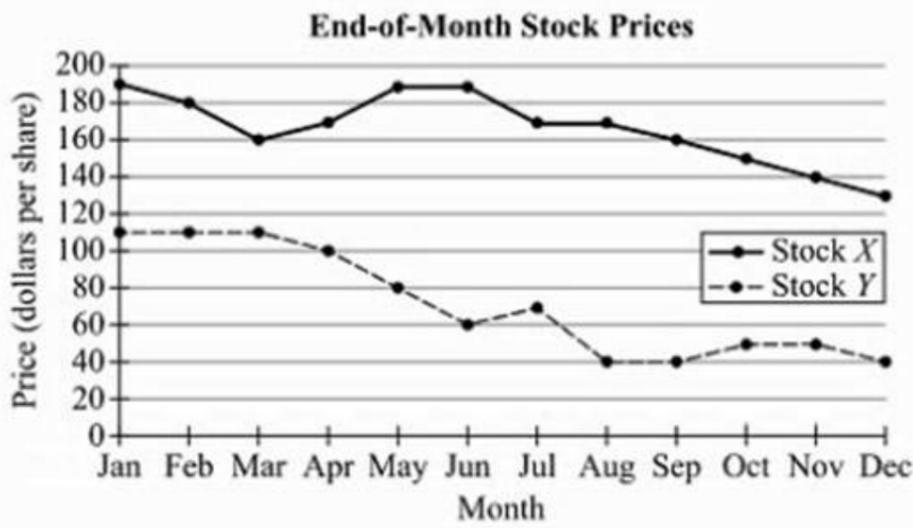
Answer: D

NEW QUESTION 106

- (Topic 2)

Exhibit.

Selected Information for Stocks X and Y



Note: The prices and the numbers of shares are multiples of 10.

Which of the following statements are true about the end-of-month stock prices from January to December? Indicate all such statements.

- A. From one month to the next, if the price of Stock X increased, then the price of Stock Y decreased.
- B. From one month to the next, if the price of Stock Y remained the same, then the price of Stock X decreased.
- C. From one month to the next, if the price of Stock Y decreased, then the price of Stock X increased.

Answer: AC

NEW QUESTION 107

- (Topic 2)

A certain list consists of 249 consecutive integers, each of which is less than 300.

Quantity A

The number of even integers in the list

Quantity B

The number of odd integers in the list

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: D

NEW QUESTION 112

- (Topic 2)

Which of the following is greatest?

A)

$$3^{100} + 2^{100}$$

B)

$$30^{10} + 2^{10}$$

C)

$$30^2 + 10^2$$

D)

$$(3 + 2)^{100}$$

E)

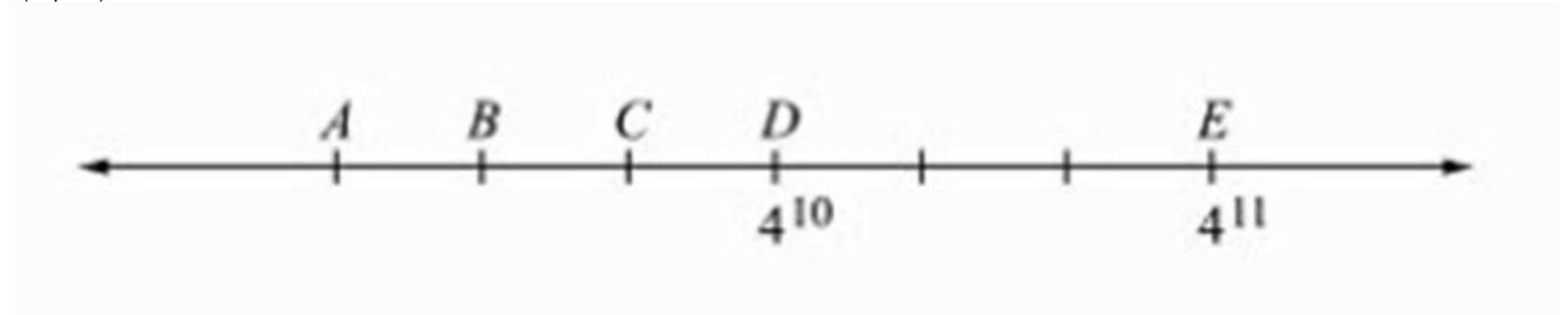
$$(30 + 2)^{10}$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: D

NEW QUESTION 116

- (Topic 2)



The tick marks shown on the number line are evenly spaced. Points D and E have coordinates of 4^{10} and 4^{11} respectively. Which of the following is the coordinate of the tick mark between C and D?

4^9 is

- A. point A
- B. between points A and B
- C. between points B and C
- D. point C
- E. between points C and D

Answer: E

NEW QUESTION 119

- (Topic 2)

Exhibit.

Mineral	Amount (milligrams)	Recommended Dietary Allowance (milligrams)
Calcium	6	1,000
Iron	0.12	18
Magnesium	5	420
Phosphorus	11	700
Sodium	1	1,500
Zinc	0.04	11

For selected minerals, the table shows the mineral content in an apple that weighs 100 grams and also shows the recommended daily allowance of the minerals. For which of the following minerals is the total amount of the mineral contained in 5 such apples greater than 4 percent of the recommended dietary allowance of the mineral?

Indicate all such minerals.

- A. Calcium
- B. Magnesium
- C. Sodium
- D. Zinc

Answer: B

NEW QUESTION 121

CORRECT TEXT - (Topic 2)

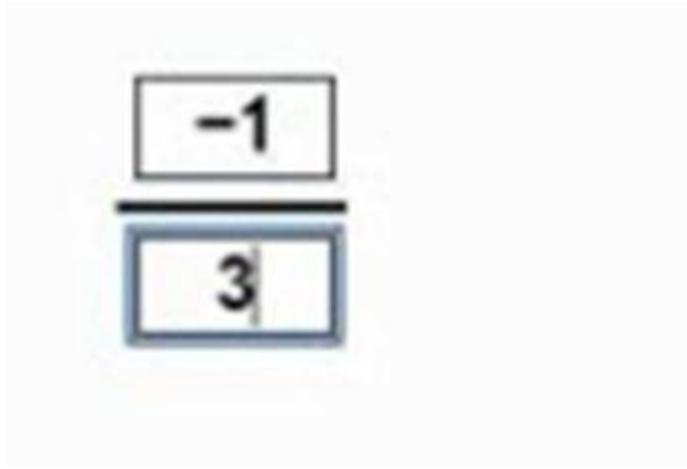
In the xy-plane, what is the slope of the line that passes through the points (2,-3) and (5, - 4)? Give your answer as a fraction.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

answer as



NEW QUESTION 122

- (Topic 2)

Quantity A

The sum of the interior angles of a square

Quantity B

The sum of 4 of the interior angles of a regular pentagon

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: B

NEW QUESTION 127

- (Topic 2)

The sides of triangle T all have different lengths.

Quantity A

Twice the length of the longest side of T

Quantity B

The perimeter of T

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: B

NEW QUESTION 130

- (Topic 2)

Age-group (years)	Yes	No
18 to 29	212	112
30 to 39	123	233
40 to 49	421	341
50 to 59	223	323
60 to 69	131	211
70 and above	243	323
Total	1,353	1,543

Of the 2,896 people who voted on a certain issue, the number who voted yes and the number who voted no are shown in the table, classified by age-group. Which of the following statements are true?
Indicate all such statements.

- A. Of all the people who voted, the number of voters from the 40-to-49 age-group was more than the number of voters from any of the other age-groups shown.
- B. There were more votes of no on the issue than votes of yes.
- C. The median age of all the people who voted was in the 50-to-59 age-group.

Answer: ABC

NEW QUESTION 134

- (Topic 2)

$$x_1, x_2, x_3, \dots, x_j, \dots$$

The sequence shown is defined by $x_1 = 2$ and $x_{j+1} = \frac{1}{2}x_j$ for each positive integer j .

Quantity A

$$x_9$$

Quantity B

$$(2^{13})x_{22}$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 137

- (Topic 2)

Exhibit.

$$\frac{13}{x} = p \text{ and } \frac{13}{y} = m, \text{ where } p \text{ and } m \text{ are integers and } 0 < p < m.$$

Quantity A

$$x$$

Quantity B

$$y$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: A

NEW QUESTION 141

- (Topic 2)

A car service charges \$5 for the first mile of a trip and \$2 for each additional mile or part thereof. If the car service charges \$101 for an n -mile trip, where n is an

integer, what is the value of n ?

- A. 47
- B. 48
- C. 49
- D. 50
- E. 51

Answer: B

NEW QUESTION 142

- (Topic 2)

The probability that event R will occur is 0.65. The probability that event T will occur is 0.47.

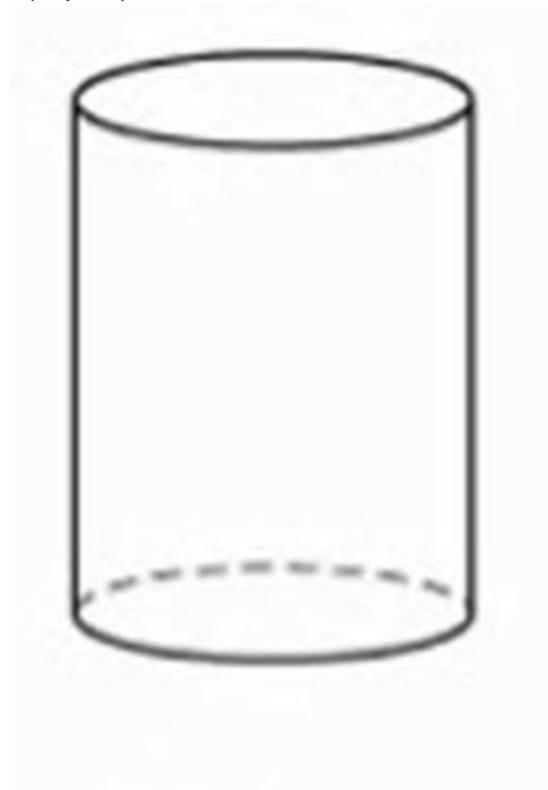
<u>Quantity A</u>	<u>Quantity B</u>
The probability that neither R nor T will occur	0.47

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: B

NEW QUESTION 144

- (Topic 2)



The right circular cylindrical tank above has inner dimensions of radius 4 feet and height 10 feet. What is the greatest possible distance, in feet, between 2 points inside the tank?

A)

$$2\sqrt{21}$$

B)

$$\sqrt{94}$$

C)

$$2\sqrt{29}$$

D)

$$\sqrt{154}$$

E)

$$2\sqrt{41}$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: E

NEW QUESTION 147

- (Topic 2)

Quantity A

$$(24 - 25)^{50}$$

Quantity B

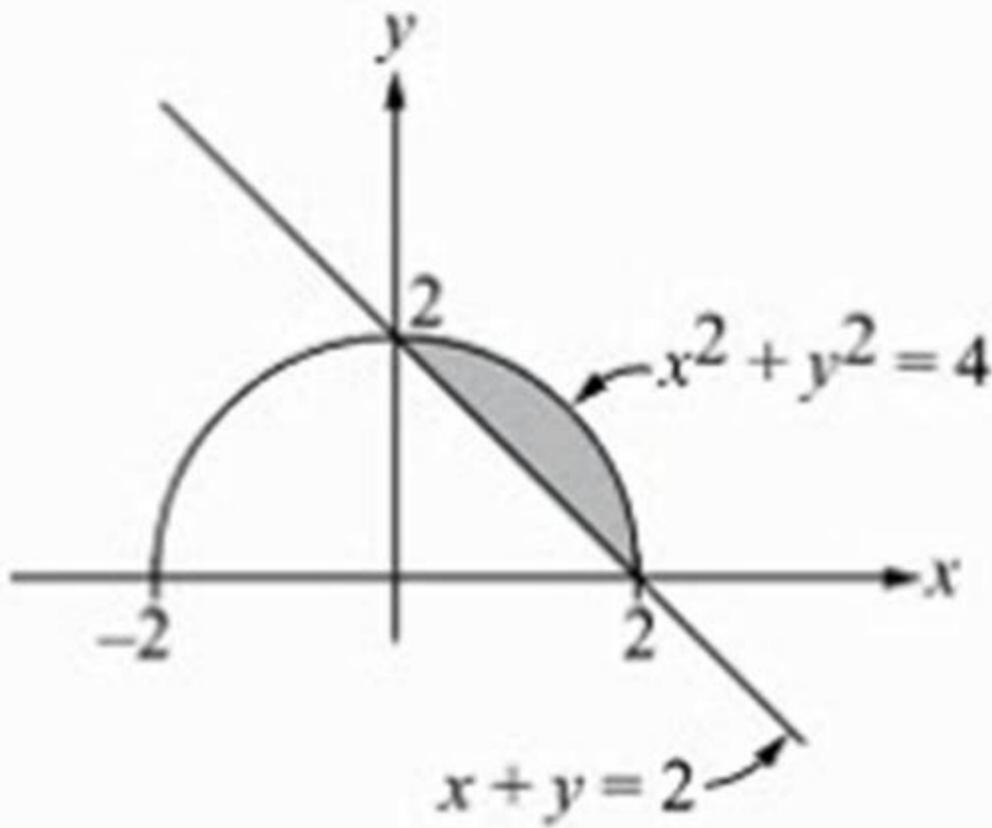
$$(77 - 76)^{-30}$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 148

- (Topic 2)



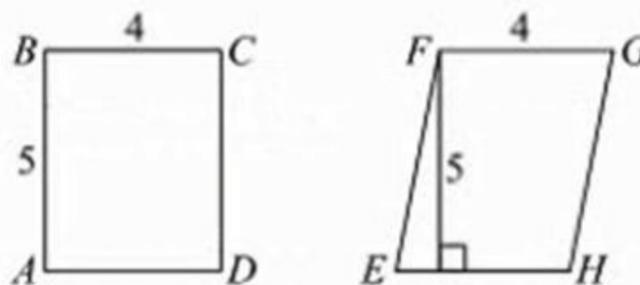
The figure shows a semicircle intersected by a straight line in the rectangular coordinate system. What is the area of the shaded region?

- A. - 2
- B. - 4
- C. 4 - 2
- D. 4 - 4
- E. 16 - 2

Answer: A

NEW QUESTION 149

- (Topic 2)



ABCD is a rectangle and *EFGH* is a parallelogram, as shown above.

Quantity A

The area of the region enclosed by *ABCD*

Quantity B

The area of the region enclosed by *EFGH*

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 153

- (Topic 2)

An exercise ball is made from soft elastic that has uniform thickness of 2 millimeters, and the interior of the ball is filled with air. The ball is in the shape of a sphere and has an exterior diameter of 65 centimeters. What is the radius of the interior of the ball, in millimeters?

- A. 323
- B. 324
- C. 325
- D. 646

E. 648

Answer: A

NEW QUESTION 158

- (Topic 2)

n is an integer greater than 1.

Quantity A

$$(n)^{-1}(n+1)^{-1}$$

Quantity B

$$(2n+1)^{-1}$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: B

NEW QUESTION 162

- (Topic 2)

A rancher is planning to build an enclosed pen for horses on level ground. The pen will be rectangular with a length that is 2 times the width. If the perimeter of the pen will be P meters, which of the following represents the area, in square meters, of the pen in terms of P ?

A)

$$4P^2$$

B)

$$2P^2 + P$$

C)

$$\frac{P^2}{6}$$

D)

$$\frac{P^2 + 2P}{12}$$

E

$$\frac{p^2}{18}$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

NEW QUESTION 164

CORRECT TEXT - (Topic 2)

How many positive integers less than or equal to 29 can be expressed as the product of two different integers greater than 1 ?

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

15

NEW QUESTION 169

- (Topic 2)

$$a_1, a_2, a_3, \dots, a_n, \dots, a_{64}$$

In the sequence shown, the first term is 2, and for each integer n from 2 through 64, the n th term is twice the $(n - 1)$ th term.

Quantity A

$$\frac{a_{64}}{2}$$

Quantity B

$$a_{32}$$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: A

NEW QUESTION 174

- (Topic 2)

A circle is inscribed in a regular hexagon that is inscribed in a circle. What is the ratio of the area of the smaller circle to the area of the larger circle?

A)

$$\frac{1}{2}$$

B)

$$\frac{\sqrt{2}}{2}$$

C)

$$\frac{3}{4}$$

D)

$$\frac{\sqrt{3}}{2}$$

E)

$$\frac{\sqrt{3}}{\sqrt{2}}$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: C

NEW QUESTION 177

CORRECT TEXT - (Topic 2)

It cost a certain manufacturer a total of \$7,800.00 to make and sell 6,500 units of a certain product. If the manufacturer sold each of the 6,500 units for \$3.50. what was the manufacturer's profit per unit of the product? (Profit is equal to the selling price minus the cost.)

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

* 2.30\$

NEW QUESTION 179

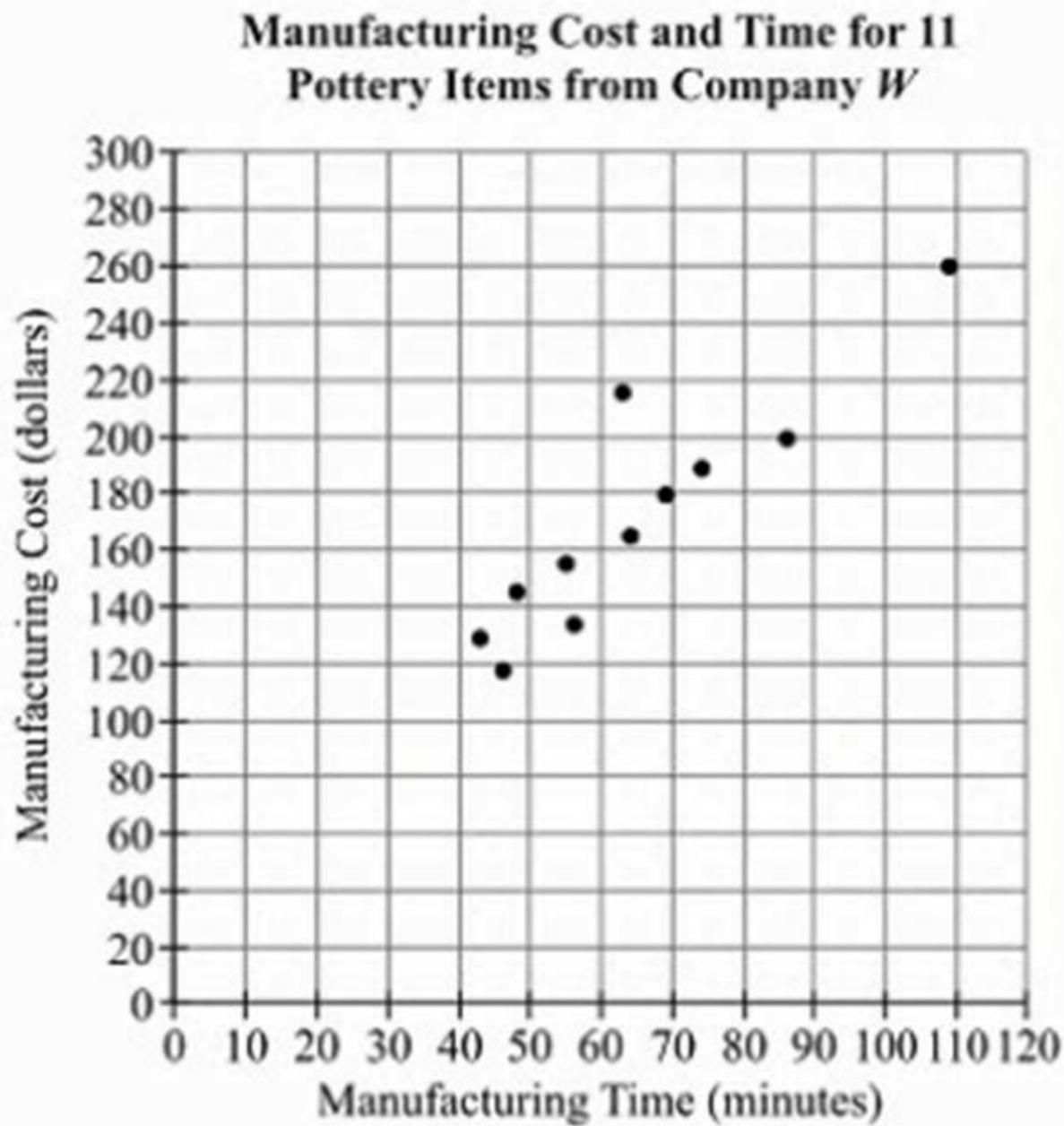
- (Topic 2)

The manufacturing cost of the item that takes the most time to manufacture is approximately what percent greater than the cost of the item that takes the least time to manufacture?

- A. 10%
- B. 50%
- C. 75%
- D. 100%
- E. 200%

Answer: D

Explanation:



NEW QUESTION 182

- (Topic 2)

$$A = \{x, y, z\}$$

$$B = \left\{ \frac{x+y}{2}, \frac{x+z}{2}, \frac{y+z}{2} \right\}$$

In sets A and B shown, $l < v < y < z$. Which of the following statement is about .1 and H must be true? Indicate all such statements.

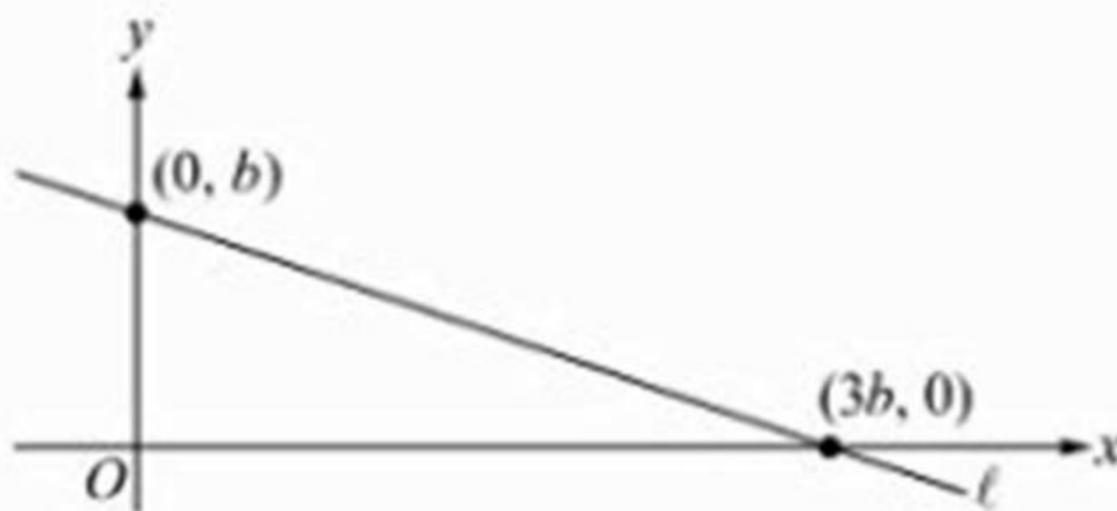
- A. The average (arithmetic mean) of the numbers in A is equal to the average of the numbers in B.
- B. The median of the numbers in A is equal to the median of the numbers in B.
- C. The range of the numbers in A is greater than the range of the numbers in B.

Answer: A

NEW QUESTION 185

- (Topic 2)

Exhibit



Quantity A

The slope of line ℓ

Quantity B

$-\frac{1}{2}$

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: A

NEW QUESTION 188

- (Topic 2)

If the sum of two positive prime numbers is 5, which of the following is a multiple of the product of the two numbers?

- A. 46
- B. 45
- C. 44
- D. 39

Answer: C

NEW QUESTION 191

- (Topic 2)

<u>Quantity A</u>	<u>Quantity B</u>
The number of odd integers between $\sqrt{12}$ and 12^2	70

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 193

- (Topic 2)

The solutions of the equation $2y^2 + 5y = 3$ are $\frac{1}{2}$ and -3 . What are the solutions of the equation $2(x - 2)^2 + 5(x - 2) = 3$?

A)

$$\frac{5}{2} \text{ and } -1$$

B)

$$\frac{3}{2} \text{ and } 5$$

C)

$$\frac{1}{4} \text{ and } -\frac{3}{4}$$

D)

$$-\frac{3}{2} \text{ and } -5$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 198

- (Topic 2)

$$x > 10$$

$$y > 20$$

The range of the four numbers 2, 8, 9, and x is equal to the range of the four numbers 10, 15, 19, and y .

Quantity A

$$y - x$$

Quantity B

$$8$$

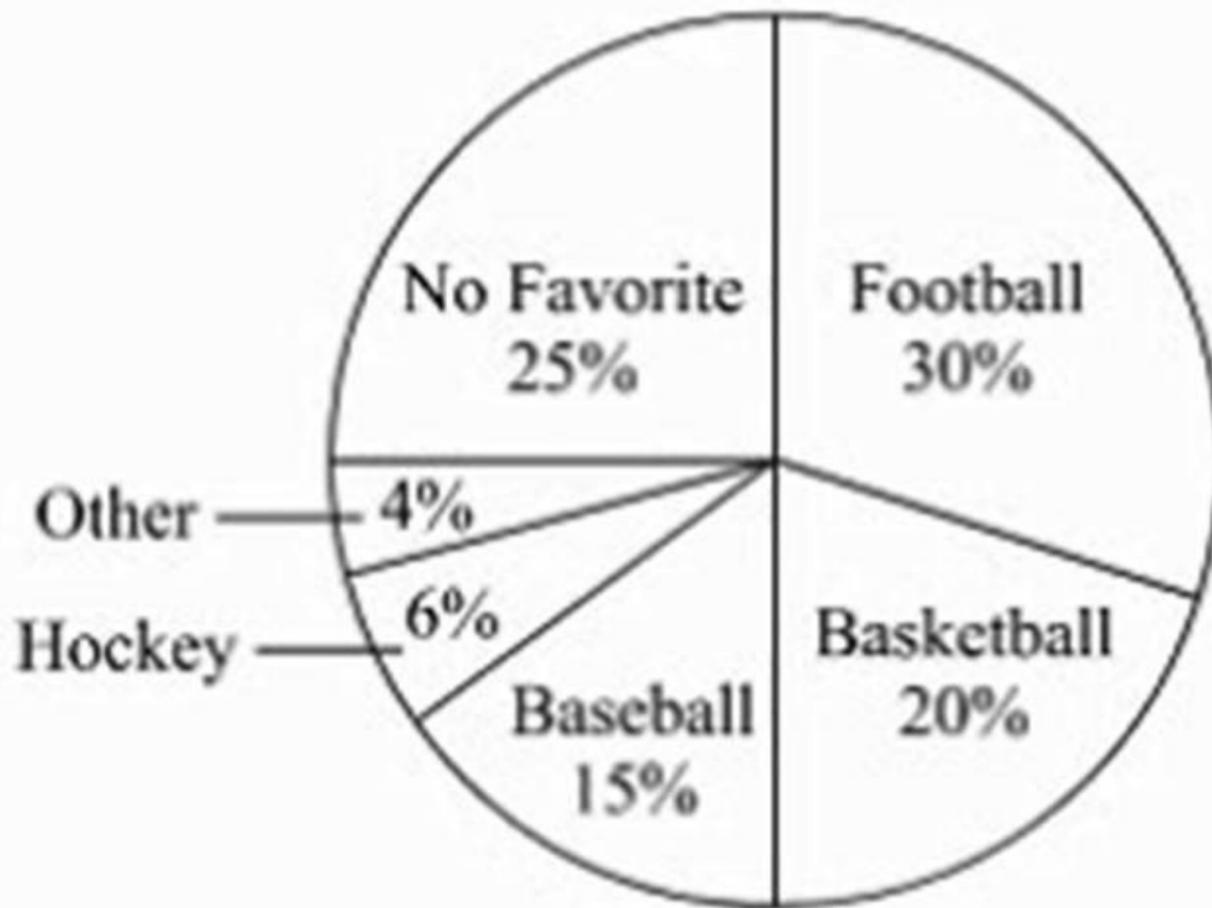
- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 202

- (Topic 2)

Favorite Sport



The circle graph above shows the results of a survey conducted at a high school in which each student was asked to name one favorite sport, if any. Of the students who named a favorite sport, what percent of students named either baseball or hockey?

- A. 15.75%
- B. 21%
- C. 28%
- D. 31.5%
- E. 42%

Answer: C

NEW QUESTION 206

- (Topic 2)

Chloe spent a total of x dollars last August on clothes, transportation, and college textbooks. She spent 23 percent of the total on college textbooks, of which 13 percent was spent on her college mathematics textbook. Chloe spent a total of \$450 on the college textbooks that were not her college mathematics textbook. Which of the following is closest to the value of x ?

- A. 1250
- B. 1,500
- C. 1,750
- D. 2,000
- E. 2,250

Answer: D

NEW QUESTION 211

- (Topic 2)

Annual Budget of the Alden Family in Year X

Category	Amount
Housing	\$7,600
Food	4,000
Transportation	4,400
Clothing	3,600
Medical services	3,800
Insurance	6,400
Entertainment	2,800
Vacation	4,400
Savings	3,000
Total	\$40,000

If 20 percent of the amount budgeted for vacation had instead been added to the amount budgeted for entertainment, which of the following is closest to the percent by which the amount budgeted for entertainment would have increased?

- A. 10%
- B. 15%
- C. 20%
- D. 25%
- E. 30%

Answer: E

NEW QUESTION 215

- (Topic 2)

In a competition, a certain contestant scored either 2 points or 4 points in each round of the competition. This contestant's average (arithmetic mean) score for the entire competition was 3.8 points per round.

Quantity A

9 times the number of rounds in which the contestant scored 2 points

Quantity B

The number of rounds in which the contestant scored 4 points

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: C

NEW QUESTION 216

- (Topic 2)

$$(3.8 \times 6^{25}) - (0.24 \times 6^{26}) =$$

A)

$$2.36 \times 6^{25}$$

B)

$$2.36 \times 6^{26}$$

C)

$$3.56 \times 6^{25}$$

D)

$$3.56 \times 6^{26}$$

E)

$$3.76 \times 6^{25}$$

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

Answer: A

NEW QUESTION 219

- (Topic 2)

From January 1, 1998, to January 1, 1999, the population of City *W* decreased by 2 percent; and from January 1, 1999, to January 1, 2000, the population increased by 2 percent.

Quantity A

Quantity B

The population of City *W* on January 1, 1998

The population of City *W* on January 1, 2000

- A. Quantity A is greater.
- B. Quantity B is greater.
- C. The two quantities are equal.
- D. The relationship cannot be determined from the information given.

Answer: D

NEW QUESTION 223

- (Topic 3)

The poet Paul Laurence Dunbar (1872-1906) was the premier Black writer of poetry that used the dialect of rural African Americans of the southern United States. Although Dunbar's works were both popular with readers and acclaimed by literary critics during his lifetime, after the First World War a radical shift occurred, at least in critical opinion of his poetry, and twentieth-century critical evaluation of his work has been generally negative. Some critics attacked his work on social grounds for failing to challenge plantation stereotypes of African Americans. Other critics, such as the poet James Weldon Johnson, argued from aesthetic grounds that dialect poetry in general was too limited as an artistic medium, and capable of producing only two effects: pathos and humor. The negative critical trend only began to reverse itself in the 1970s, when scholars began to emphasize the importance of mythic, psychological, and historical dimensions of Dunbar's works, focusing on the interior and exterior realities of African American life after the Civil War.

Which of the following general criticisms of dialect poetry is mentioned in the passage?

- A. Dialect poetry too often uses only the dialect of African Americans living in rural areas of the southern United States.
- B. Dialect poetry is highly limited in the number of artistic effects it can produce.
- C. Dialect poetry fails to represent mythic, psychological, and historical dimensions of experience.
- D. The use of dialect in poetry tends to perpetuate plantation stereotypes of African Americans.
- E. Dialect poetry has only a limited degree of popular appeal

Answer: B

NEW QUESTION 224

- (Topic 3)

The story lines of silent dramas may often have been _____. yet within those basic narrative outlines, the true artists among silent-film actors could express emotional shadings that have no analogue in spoken

- A. language.
- B. implausible
- C. incredible
- D. conventional
- E. elemental
- F. rudimentary
- G. confusing

Answer: DE

NEW QUESTION 229

- (Topic 3)

One difficulty in convincing early scientists that craters fanned as a result of impacts from space is that most craters are circular. Impacts could come in at any angle, and experiments firing projectiles in the laboratory show that low-angle impacts lead to elliptical craters, not circular ones. Furthermore, while there was rarely evidence of any impacting object, there was often silicate melt around, suggesting that craters were caused by volcanic processes. The breakthrough in understanding crater origin was the recognition that the shock caused by the impacting object—not the object itself—creates a circular crater some twenty times larger than the diameter of the impactor. The impact also generates enough heat to largely vaporize the impactor and melt the native rock.

What can be inferred from the passage about the silicate melt found around craters?

- A. It was not caused exclusively by volcanic processes.
- B. It led early scientists to consider volcanic activity as a cause of crater formation.
- C. It can probably be explained by the intense heat caused by impact

Answer: ABC

NEW QUESTION 234

- (Topic 3)

Not only do the brains of people with great memories appear anatomically _____ those of control subjects, but in terms of general cognitive ability, great memorizers appear to be well within the normal range.

- A. superior to
- B. incomparable to
- C. younger than
- D. independent of
- E. indistinguishable from

Answer: C

NEW QUESTION 235

- (Topic 3)

In contrast to today, when many readers consider the moral sentiments expressed in the ancient writer's work to be quite sophomoric, in the writer's own time these sentiments were regarded as remarkably _____.

- A. arcane
- B. brash
- C. melancholy
- D. sagacious
- E. sanguine

Answer: C

NEW QUESTION 240

- (Topic 3)

Which of the following most logically completes the explanation provided?

- A. birds that start out sitting on power lines cannot dive to the ground as quickly as birds that have been circling in the air before their dive

- B. sage grouse are less likely to come out in the open when they sense something moving in the air than when they do not
- C. sage grouse, when disturbed, do not move very swiftly on the ground
- D. the birds that prey on sage grouse can spot sage grouse that are out in the open from a considerable distance
- E. individual sage grouse do all their foraging in relatively small areas

Answer: B

NEW QUESTION 242

- (Topic 3)

Discussions of the collapse of the lowland Maya are not new. However, it might be better to say that Maya civilization as a whole did not collapse, although many zones did experience profound change. Because societies are not bounded, unitary entities, collapses are rarely total, and continuity is a normal part of collapse. At the end of the Classic period [200-900 C.E.], the institution of divine kingship and many of the well-known markers of elite culture such as carved stelae [slabs erected for funerals or commemorative purposes] and hieroglyphic polychromes [multicolored artistic pottery] ended, but Maya civilization continued in modified form with many important features intact (e.g., literacy, war, art, the production of fine ceramics). In some cases large buildings were constructed in the Postclassic period [900-1512 C.E.], but the transition to the Early Postclassic [900-1200 C.E.] era is distinctive for a decrease in elite goods and contexts. The variability in artifact changes during the Terminal Classic [800-900 C.E.] and into the Postclassic, even within artifact classes (e.g., line versus unslipped ceramics), suggests weaker centralized control than during the Classic period. Site abandonments in the Terminal Classic indicate the collapse of the functional ability of Maya states, but sites that survived show that Maya civilization continued albeit without divine kingship and much of the spectacle around it. According to the passage, which of the following statements about the institution of divine kingship is true?

- A. It remained strong through the end of the Classic period.
- B. It was not a feature of the Postclassic period.
- C. Its demise led to the collapse of Maya civilization.
- D. Its importance has been overestimated by many scholars.
- E. Its spectacle became too onerous a burden for Maya society to support.

Answer: B

NEW QUESTION 245

- (Topic 3)

Given the _____ of archival materials related to her subject, it is not surprising that the author is unable to marshal much detailed documentary evidence to support some of her claims.

- A. diversity
- B. paucity
- C. accessibility
- D. orderliness
- E. profusion

Answer: B

NEW QUESTION 249

- (Topic 3)

Since scientific truths must be discovered, and since many, probably most, are far from (i) _____. Futile investigations are (ii) _____. Thus, the path to the truth is decidedly a (iii) _____ one.

- A. intuitively obvious
- B. routinely acclaimed
- C. hie vi table
- D. sinuous
- E. potentially useful
- F. auspicious
- G. ne eligible
- H. clandestine
- I. progressive

Answer: ADG

NEW QUESTION 251

- (Topic 3)

As originally formulated, the selfish-herd theory of prey species aggregation assumed that predatory attacks were equally likely to be launched from any position within the environment. In some circumstances (e.g., avian predators attacking prey from above), such an approach is appropriate. However, as James et al. argue, in many predator-prey associations, attacks are unlikely to occur from positions within the group. For example, it is likely that an ambushing predator waiting in the path of a group would be detected before the group moves over its position. Hence, in many ecological situations, predatory attacks on grouped prey will occur exclusively from outside the group. In such circumstances, there is a strong premium to a group member in being in the interior of the group. The passage suggests that compared to members of the prey groups in "some circumstances," certain members of the prey groups in "many ecological situations" are likely to be less

- A. skilled at detecting ambushing predators
- B. vulnerable to predator attacks
- C. able to reach escape routes to avoid predators

Answer: AB

NEW QUESTION 255

- (Topic 3)

Because most of the fish and waterfowl observed in the Arctic Ocean are (i) _____ species, disruptive changes at all levels of the Arctic food chain that have resulted from rapid warming and loss of sea ice there will (ii) _____ ecosystems in more southerly habitats.

- A. adaptable
- B. have an impact upon
- C. endangered
- D. resemble those in
- E. migratory
- F. reveal the diversity of

Answer: BD

NEW QUESTION 257

- (Topic 3)

In the age of new media technologies, the (i) _____ an event and its recording appears to have been (ii) _____ : rather than referring to a concert in which both performers and audience members are (iii)M "live" is increasingly used to identify the way in which a performance was recorded or transmitted.

- A. revenue from
- B. distinction between
- C. quality of
- D. maximized
- E. erased
- F. misunderstood
- G. emotionally engaged
- H. physically present
- I. culturally sophisticated

Answer: BFH

NEW QUESTION 259

- (Topic 3)

Many people eschewed botany as merely the _____ business of renaming and reclassifying plants until the concern over Earth's loss of biodiversity brought botany into everyday discussions.

- A. arcane
- B. stodgy
- C. enlightening
- D. esoteric
- E. essential
- F. indispensable

Answer: AD

NEW QUESTION 263

- (Topic 3)

Adapting to its changing environment and building its own ecological niche in interactions with other disciplines, the scientific discipline of ecology can be seen as highly _____ .

- A. anarchic
- B. cerebral
- C. opportunistic
- D. speculative
- E. competitive

Answer: C

NEW QUESTION 264

- (Topic 3)

One of the remarkable things about (i) _____ is that it can seem so (ii) _____ : many of the issues about which people (iii) _____ seem, to the nonzealot, to be gray and ambiguous at the core.

- A. erudition
- B. duplicity
- C. conviction
- D. benign
- E. self-serving
- F. unreasonable
- G. feel absolute certainty
- H. fail to educate themselves
- I. find themselves puzzled

Answer: AFH

NEW QUESTION 268

- (Topic 3)

Unfortunately, most of the (i) _____ suburbia comes from metropolitan critics who glimpse it only fleetingly. Accustomed to the more structured forms of the city, they see only visual (ii) _____. And failing to recognize the interactions customary in an urban setting in the social and community life of suburbanites, they see social (iii) _____ and miss the real diversity and richness.

- A. appreciation of
- B. analysis of

- C. encroachment on
- D. chaos
- E. analogies
- F. enhancements
- G. development
- H. practices

Answer: BEF

NEW QUESTION 269

- (Topic 3)

Divided into separate essays on different aspects of Jacques-Louis David's late career. Bordes' catalog (i) _____ a great deal of knowledge, never providing a full introduction to the painter's life or to the period in which he lived.

Yet while the book may (ii) _____ the casual reader, cognoscenti will delight in the wonderfully complete detail on each picture, not to mention the caustic little jabs at colleagues that Bordes occasionally delivers. The world of David scholarship, as befits its subject, is not a (iii) _____ place.

contains assumes

- A. disputes
- B. satisfy
- C. frustrate
- D. address
- E. gentle
- F. competitive
- G. sophisticated

Answer: AEG

NEW QUESTION 270

- (Topic 3)

Recent studies of the gender gap in the history of United States politics tend to focus on candidate choice rather than on registration and turnout. This shift in focus away from gender inequality in political participation may be due to the finding in several studies of voting behavior in the United States that since 1980. differences in rates of registration and voting between men and women are not statistically significant after controlling for traditional predictors of participation. However.

Fullerton and Stern argue that researchers have overlooked the substantial gender gap in registration and voting in the South. While the gender gap in participation virtually disappeared outside the South by the 1950s, substantial gender differences persisted in the South throughout the 1950s and 1960s, only beginning to decline in the 1970s.

The passage is primarily concerned with

- A. establishing the chronology of a transition
- B. discussing a perceived oversight
- C. explaining the reasons for a change
- D. evaluating an underlying assumption
- E. confirming the merits of a claim

Answer: C

NEW QUESTION 271

- (Topic 3)

Even if the merits of the proposal are (i) _____, faculty members may be reluctant to (ii) _____ given their fear of offending the group that champions it.

- A. unparalleled
- B. dubious
- C. obvious
- D. approve
- E. acquiesce

Answer: BD

NEW QUESTION 272

- (Topic 3)

Despite the (i) _____ nature of contemporary science, the (ii) _____ of many individuals (iii) _____ : the work of women and minority scientists has too often been exploited or deemed rudimentary and unworthy of inclusion into science history books.

- A. collaborative
- B. controversial
- C. sophisticated
- D. motivations
- E. contributions
- F. idiosyncrasies
- G. manifest themselves
- H. point to a solution
- I. remain overlooked

Answer: AEI

NEW QUESTION 277

- (Topic 3)

Writing for the New York Times in 1971. Saul Braun claimed that - today's superhero is about as much like his predecessors as today's child is like his parents." In an unprecedented article on the state of American comics, "Shazam! Here Comes Captain Relevant. Braun wove a story of an industry whose former glory

producing jingoistic fantasies of superhuman power in the 1930s and 1940s had given way to a canny interest in revealing the power structures against which ordinary people and heroes alike struggled following World War II. Quoting a description of a course on "Comparative Comics" at Brown University, he wrote, "New heroes are different—they ponder moral questions, have emotional differences, and are just as neurotic as real people. Captain America openly sympathizes with campus radicals.. Lois Lane apes John Howard Griffin and turns herself black to study racism, and everybody battles to save the environment." Five years earlier, Esquire had presaged Braun's claims about comic books: generational appeal, dedicating a spread to the popularity of superhero comics among university students in their special "College Issue." As one student explained, "My favorite is the Hulk. I identify with him, he's the outcast against the institution." Only months after the New York Times article saw print, Rolling Stone published a six-page expose on the inner workings of Marvel Comics, while Ms. Magazine emblazoned Wonder Woman on the cover of its premier issue—declaring "Wonder Woman for President" no less—and devoted an article to the origins of the latter-day feminist superhero.

Where little more than a decade before comics had signaled the moral and aesthetic degradation of American culture, by 1971 they had come of age as America's "native art": taught on Ivy League campuses, studied by European scholars and filmmakers, and translated and sold around the world, they were now taken up as a new generation's critique of American society. The concatenation of these sentiments among such diverse publications revealed that the growing popularity and public interest in comics (and comic-book superheroes) spanned a wide demographic spectrum, appealing to middle-class urbanites, college-age men, members of the counterculture, and feminists alike. At the heart of this newfound admiration for comics lay a glaring yet largely unremarked contradiction: the cultural regeneration of the comic-book medium was made possible by the revamping of a key American fantasy figure, the superhero, even as that figure was being lauded for its realism and social relevance. As the title of Braun's article suggests, in the early 1970s, "relevance" became a popular buzzword denoting a shift in comic-book content from oblique narrative metaphors for social problems toward direct representations of racism and sexism, urban blight, and political corruption.

It can be inferred that the author of the passage regards the concatenation of sentiments surrounding comics as evidence of

- A. a concerted effort by the comics industry to revamp the comic book superhero
- B. a consensus among critics that comics should be regarded as native art
- C. the influence of international readers on the domestic popularity of comics
- D. the capacity of comics to appeal to readers with a variety of social and political affiliations
- E. the impact of the counterculture on the regeneration of the comic book medium

Answer: B

NEW QUESTION 280

- (Topic 3)

There is a long-standing historical presumption that social custom during the early years of the United States forbade women from public speaking. In fact, though, the standard mode of education of the 1790s and early 1800s, which emphasized oral recitation and performance, taught girls that educated and well-spoken women had an important role to play in American society. By depicting skilled speech as a necessary talent for women in a civilized society, elocutionary education encouraged a certain degree of female ambition and even political involvement. Transmitted via standard, inexpensive schoolbooks, this message reached virtually all who read schoolbooks or attended schools. This environment did not last long, however: even by the 1810s, attitudes about women's education had changed considerably.

The author would probably agree with which of the following statements about the "historical presumption"?

- A. It failed to account for the fact that certain abilities in young women were deemed desirable in the 1790s and 1800s.
- B. It had largely died out by the 1810s.
- C. It had an important influence on the content of textbooks used during the 1790s and the 1800s.

Answer: A

NEW QUESTION 281

- (Topic 3)

Origin, distribution, and habitat are included in the book for some but not all of the plants: offering this information for each species would have given readers a clearer appreciation of the differences between _____ and introduced species.

- A. endemic
- B. native
- C. seasonal
- D. rare
- E. unusual
- F. dominant

Answer: AB

NEW QUESTION 286

- (Topic 3)

Whereas Hellennan attributed her (i) _____ as a pianist to her teacher's pedagogical (ii) _____, her teacher attributed them to Hellennan's own desultory practice habits.

her teacher

- A. struggles B. exploits
- B. accomplishments
- C. exertions
- D. eccentricities
- E. adroitness

Answer: CD

NEW QUESTION 288

- (Topic 3)

A. Du Bois's exhibit of African American history and culture at the 1900 Paris Exposition Universelle attracted the attention of a world of sociological scholarship whose values his work challenge

B. Du Bois believed that sociological sociologists failed in their attempts to gain greater understanding of human deeds because their work examined not deeds but theories and because they gathered data not to effect social progress but merely to theorize

- C. In his exhibit
- D. Du Bois sought to present cultural artifacts that would shift the focus of sociology from the construction of vast generalizations to the observation of particular living individual elements of society and the working contributions of individual people to a vast functioning social structure. The passage implies that Du Bois believed which of the following statements about sociology?
- F. It should contribute to the betterment of society.
- G. It should study what people actually do.
- H. It should focus on how existing social structures determine individual behavior.

Answer: B

NEW QUESTION 293

- (Topic 3)

Scientists have long debated the exact timing of the lunar cataclysm, a period approximately 4 billion years ago when Earth and the Moon were pummeled with asteroids. A clue to this puzzle may come from spherules, millimeter-sized droplets of molten rock formed after an asteroid collides explosively with a planet. Upon impact, the asteroid vaporizes both itself and the target rock, producing a vapor plume that condenses into spherules. These form a layer preserved in rock, whose age can be estimated using radiometric dating. Scientists know of fourteen of these spherule layers scattered across Earth, but none dates to the theorized lunar cataclysm time period. Four layers, however, are from between 3.47 and 3.24 billion years ago, indicating perhaps a slow decline in collisions. Which of the following might plausibly account for the findings in the highlighted sentence?

- A. Spherule layers older than 3.47 billion years exist, but they have not been discovered yet.
- B. Spherule layers older than 3.47 billion years once existed, but they have since been destroyed.
- C. Fewer asteroids collided with Earth than with the Moon during the lunar cataclysm.

Answer: A

NEW QUESTION 296

- (Topic 3)

The poet Paul Laurence Dunbar (1872-1906) was the premier Black writer of poetry that used the dialect of rural African Americans of the southern United States. Although Dunbar's works were both popular with readers and acclaimed by literary critics during his lifetime, after the First World War a radical shift occurred, at least in critical opinion of his poetry, and twentieth-century critical evaluation of his work has been generally negative. Some critics attacked his work on social grounds for failing to challenge plantation stereotypes of African Americans. Other critics, such as the poet James Weldon Johnson, argued from aesthetic grounds that dialect poetry in general was too limited as an artistic medium, and capable of producing only two effects: pathos and humor. The negative critical trend only began to reverse itself in the 1970s, when scholars began to emphasize the importance of mythic, psychological, and historical dimensions of Dunbar's works, focusing on the interior and exterior realities of African American life after the Civil War.

Which of the following can be inferred from the passage concerning scholars' use of mythic, psychological, and historical considerations in evaluating Dunbar's works?

- A. Such use disputes the claim that Dunbar's work failed to challenge plantation stereotypes of African Americans.
- B. Such use challenges the claim that dialect poetry is well suited to producing effects of pathos and humor.
- C. Such use supports the claim that Dunbar's poetry was aesthetically more limited when written in dialect.
- D. Such use suggests that the initial reception accorded Dunbar's poetry may have been too positive.
- E. Such use suggests that earlier twentieth-century evaluations of Dunbar's poetry may have been too negative.

Answer: E

NEW QUESTION 301

- (Topic 3)

The term "ragtime opera" was used frequently in the first years of the twentieth century, but more often than not its use was (i) _____. The very idea of "ragtime opera" was viewed as (ii) _____: opera was regarded as the highest form of musical art; ragtime was at the opposite pole.

- A. unambiguous
- B. facetious
- C. cliché
- D. an exaggeration
- E. a self-contradiction
- F. an abstraction

Answer: B

NEW QUESTION 304

- (Topic 3)

The importance of the Bill of Rights in twentieth-century United States law and politics has led some historians to search for the "original meaning" of its most controversial clauses. This approach, known as "originalism," presumes that each right codified in the Bill of Rights had an independent history that can be studied in isolation from the histories of other rights, and its proponents ask how formulations of the Bill of Rights in 1791 reflected developments in specific areas of legal thinking at that time. Legal and constitutional historians, for example, have found originalism especially useful in the study of provisions of the Bill of Rights that were innovative by eighteenth-century standards, such as the

Fourth Amendment's broadly termed protection against "unreasonable searches and seizures." Recent calls in the legal and political arena for a return to a "jurisprudence of original intention," however, have made it a matter of much more than purely scholarly interest when originalists insist that a clause's true meaning was fixed at the moment of its adoption, or maintain that only those rights explicitly mentioned in the United States Constitution deserve constitutional recognition and protection. These two claims seemingly lend support to the notion that an interpreter must apply fixed definitions of a fixed number of rights to contemporary issues, for the claims imply that the central problem of rights in the Revolutionary era was to precisely identify, enumerate, and define those rights that Americans felt were crucial to protecting their liberty.

Both claims, however, are questionable from the perspective of a strictly historical inquiry, however sensible they may seem from the vantage point of contemporary jurisprudence. Even though originalists are correct in claiming that the search for original meaning is inherently historical, historians would not normally seek.

Which of the following historical documents, if they existed, would most strengthen the author's characterization of Revolutionary constitutionalism?

- A. Placards from 1791 urging people to ratify the Bill of Rights because it explicitly mentions all rights deserving of constitutional protection

- B. Personal letters of a framer of the Bill of Rights complaining about his colleagues' failure to reach consensus about which rights to protect and how to protect them
- C. Minutes of a meeting during which the precise wording of a right was worked out in order to ensure that the right had a single meaning
- D. The diary of a framer of the BUI of Rights that details adiscussion concerning why one particular clause should be included in the Bill of Rights
- E. Newspaper editorials asserting that the framers of the Bill of Rights failed to develop creative or innovative ideas about rights

Answer: B

NEW QUESTION 306

- (Topic 3)

Though the ant colonies of fable and film often are invested with the hierarchical organization characteristic of human societies, a real ant colony operates without _____.

- A. consciousness B disorder
- B. turmoil
- C. forethought
- D. direction
- E. management

Answer: DE

NEW QUESTION 310

- (Topic 3)

Mary Beard notes that the classical past has never been _____ by only one political tendency or party: the classics have been used in support of revolutions as well as dictatorships.

- A. endured
- B. relinquished
- C. forsworn
- D. critiqued
- E. co-opted

Answer: D

NEW QUESTION 315

- (Topic 3)

Other company insiders have recently offered testimony that _____ several of the more lurid anecdotes found in Belmer's account, though that testimony hardly minimizes the company's culture of malfeasance and mismanagement.

- A. tempers
- B. corroborates
- C. outdoes
- D. exploits
- E. foreshadows

Answer: B

NEW QUESTION 316

- (Topic 3)

Age data from meteorites suggests that, in contrast to the relatively _____ pace of planetary evolution we are witnessing today, the first ten million years or so of our solar system history were extremely eventful.

- A. structured
- B. uncertain
- C. pedestrian
- D. productive
- E. menacing

Answer: C

NEW QUESTION 321

- (Topic 3)

A divide between aesthetic and technical considerations has played a crucial role in mapmaking and cartographic scholarship. Some nineteenth-century cartographers, for instance, understood themselves as technicians who did not care about visual effects, while others saw themselves as landscape painters. That dichotomy structured the discipline of the history of cartography. Until the 1980s, in what Blakemore and Harley called "the 'Old is Beautiful' paradigm.* scholars largely focused on maps made before 1800. marveling at their beauty and sometimes regretting the decline of the pre-technical age. Early mapmaking was considered art while modern cartography was located within the realm of engineering utility. Alpers, however, has argued that this boundary would have puzzled mapmakers in the seventeenth century, because they considered themselves to be visual engineers. According to the passage. Alpers would say that the assumptions underlying the "paradigm" were

- A. inconsistent with the way some mapmakers prior to 1800 understood their own work
- B. dependent on a seventeenth-century conception of mapmaking as visual engineering
- C. unconcerned with the difference between the aesthetic and the technical qualities of mapmaking
- D. insensitive to divisions among cartographers working in the period after 1S00
- E. supported by the demonstrable technical superiority of maps made after 1S00

Answer: A

NEW QUESTION 325

- (Topic 3)

Recently, we have seen the emergence of the food movement, or perhaps we should say "movements." since it is

(i) _____ as yet by little more than the recognition that industrial food production is in need of reform because its social or environmental or public health or animal welfare or gastronomic costs are too

high. As that list suggests, the activists are coming at the issue (ii) _____. Where many social movements, over time, break into various factions representing differing concerns or tactics, the food movement has been (iii) _____ from its beginning.

- A. tempered
- B. impeded
- C. unified
- D. in increasing numbers
- E. from divergent directions
- F. with renewed commitment
- G. ideological
- H. splintered
- I. effective

Answer: CEG

NEW QUESTION 326

- (Topic 3)

Scientists have long debated the exact timing of the lunar cataclysm, a period approximately 4 billion years ago when Earth and the Moon were pummeled with asteroids. A clue to this puzzle may come from spherules, millimeter-sized droplets of molten rock formed after an asteroid collides explosively with a planet. Upon impact, the asteroid vaporizes both itself and the target rock, producing a vapor plume that condenses into spherules. These form a layer preserved in rock, whose age can be estimated using radiometric dating. Scientists know of fourteen of these spherule layers scattered across Earth, but none dates to the theorized lunar cataclysm time period. Four layers, however, are from between 3.47 and 3.24 billion years ago, indicating perhaps a slow decline in collisions.

The primary purpose of the passage is to

- A. challenge a basic assumption underlying a theory
- B. analyze a flaw in a novel approach to a problem
- C. describe different processes that could have produced the same phenomenon
- D. explain how a class of data might be useful for answering a question
- E. outline a theory that may reconcile conflicting interpretations of a phenomenon

Answer: D

NEW QUESTION 331

- (Topic 3)

Some archaeologists speculate that the Americas might have been initially colonized between 40,000 and 25,000 years ago. However, to support this theory it is necessary to explain the absence of generally accepted habitation sites for that time interval in what is now the United States. Australia, which has a smaller land area than the United States, has many such sites, supporting the generally accepted claim that the continent was colonized by humans at least 40,000 years ago. Australia is less densely populated (resulting in lower chances of discovering sites) and with its overall greater aridity would have presented conditions less favorable for hunter-gatherer occupation. Proportionally, at least as much land area has been lost from the coastal regions of Australia because of postglacial sea-level rise as in the United States, so any coastal archaeological record in Australia should have been depleted about as much as a coastal record in the United States. Since there are so many resource-rich rivers leading inland from the United States coastline, it seems implausible that a growing population of humans would have confined itself to coasts for thousands of years. If inhabitants were present 25,000 years ago, the chances of their appearing in the archaeological record would seem to be greater than for Australia.

The author of the passage notes Australia's "smaller land area" in order to

- A. suggest that the number of habitation sites from between 40,000 and 25,000 years ago that have been found in Australia is somewhat surprising
- B. help show why the absence of habitation sites from between 40,000 and 25,000 years ago in what is now the United States is problematic
- C. indicate that Australia is not exactly comparable to the United States in size
- D. emphasize a difference between Australia and the United States in population density
- E. help explain a difference between Australia and the United States in the number of habitation sites from between 40,000 and 25,000 years ago

Answer: B

NEW QUESTION 335

- (Topic 3)

In the late eighteenth and early nineteenth centuries, during the period of the American Revolution and the early republic, political poems appeared regularly in newspapers and pamphlets, commenting on the issues and controversies engaging the new nation. Given the sheer number of poems that engaged explicitly with politics, one might wonder why the form has remained largely ignored by scholars of early American literature even as many other once obscure forms—sentimental novels, diaries, travelogues, belles lettres—have enjoyed unprecedented scholarly interest in recent decades. Part of the reason may stem from frustrations involved with reading poems that are so highly topical—often requiring, even as a condition of first-level comprehension, a familiarity with names and references that, while wholly recognizable in their own time, are obscure to modern readers. Yet beyond this is the fact that American political verse from the eighteenth and early nineteenth centuries has never fully shaken off the verdict, delivered by its earliest generation of scholarly readers, that it is simply unworthy of serious attention as literature. Even the term commonly used to describe it—"verse," as opposed to "poetry"—suggests an occasional or forgettable, rather than enduring, form of expression, not quite deserving the designation of poetry. Nor was such verse considered by early critics as worthy of the designation "American," as the tendency of eighteenth-century American poets to model their works on those of British precursors suggested an unforgivable failure, as one critic described it, to declare their "literary independence" from Britain.

Though in his musical expression, the American jazz bassist and composer Charles Mingus eventually developed a personal voice that proved to be much more than a simple mixture of jazz styles.

- A. eclectic
- B. idiosyncratic
- C. uncompromising
- D. virtuosic
- E. wide-ranging
- F. relentless

Answer: DE

NEW QUESTION 337

- (Topic 3)

It is true that science, and more particularly scientists, _____ cherished paradigms with great reluctance and that when they do, scientific revolutions may result.

- A. unify
- B. share
- C. cede
- D. embrace
- E. dismantle
- F. relinquish

Answer: CF

NEW QUESTION 341

- (Topic 3)

Nature's Metropolis was Cronon's effort to show that the idea of a boundary between natural and unnatural is profoundly _____. That neither the city of Chicago nor its hinterland can be understood independently of the other.

- A. conspiratorial
- B. reductive
- C. derivative
- D. abstruse
- E. revisionist

Answer: D

NEW QUESTION 343

- (Topic 3)

Larvae of many marine invertebrate species delay their metamorphosis into juveniles when cues signaling an appropriate juvenile environment are absent, thereby increasing their likelihood of thriving as juveniles and of ultimately reaching adulthood. Nevertheless, delayed metamorphosis has potential costs for juveniles including reduced growth and increased mortality. Nearly all evidence of such costs involves species whose larvae do not feed but rather subsist on stored nutrients, indicating that insufficient energy reserves may be an underlying cause of these costs. Supporting this hypothesis are laboratory studies showing that in a certain bryozoan, the prolonged larval swimming that results from delayed metamorphosis is associated with size reductions in the juvenile feeding organ (the lophophore) and that one factor influencing the size of juveniles of certain barnacle species is how long larvae delay metamorphosis. However, other studies show that while significantly fewer juvenile *Capitella* worms survived to adulthood when metamorphosis had been delayed, prolonged larval swimming had no significant effect on juvenile size, suggesting, perhaps, that in some species, factors other than insufficient energy reserves account for the negative effects of the larval stresses that result from delayed metamorphosis.

The "hypothesis" implies that compared to marine invertebrate larvae that subsist on stored nutrients, marine invertebrate larvae that feed are less likely to

- A. exhibit prolonged larval swimming as a result of delayed metamorphosis
- B. experience negative effects as a result of delayed metamorphosis
- C. thrive as juveniles in environments inappropriate for juveniles
- D. delay metamorphosis in the absence of appropriate environmental cues
- E. delay metamorphosis for an extended period of time

Answer: B

NEW QUESTION 346

- (Topic 3)

Female Korean shellfish divers, known as haemyeo, are (i) _____ the (ii) _____ the international seafood market: since they export most of their products, even consistent harvests translate into unreliable earnings.

- A. unfamiliar with
- B. vulnerable to
- C. responsible for
- D. information about
- E. vicissitudes of
- F. opportunities beyond

Answer: BE

NEW QUESTION 349

- (Topic 3)

Harriet Monroe, who founded *Poetry: A Magazine of Verse* in 1912, argued that the more heterogeneous and sprawling the modern world became, the more poetry needed "an entrenched place, a voice of power." But this goal could only be realized if poets were valued in ways that encouraged them to participate in the world and made writing verse economically viable. Monroe argued that poets needed sites of institutional opportunity like those that had been developed for visual artists, architects, and musicians. She believed that the hand-wringing anticapitalism dominating genteel literary culture—particularly the idea that poetry ought to be removed from "sordid" pecuniary considerations—brought no economic and only illusory aesthetic benefits, instead severing poets from meaningful participation in the modern world.

The passage suggests that Monroe believed that finding "an entrenched place, a voice of power" for poetry would rely on which of the following?

- A. Providing poets with a refuge from the sprawling modern world
- B. Ensuring that poetry as an art could remain free of economic considerations
- C. Creating institutional opportunities for poets to make their work economically viable

Answer: C

NEW QUESTION 351

- (Topic 3)

As decorated a nmntr as Shalane Flanagan is. perliaps her greater accomplishment lies in _____ the rising talent around her: all of her training partners—11 women in total—have qualified for the Olympics.

- A. cherishing
- B. identifying
- C. maintaining
- D. nurturing
- E. fostering
- F. publicizing

Answer: DE**NEW QUESTION 352**

- (Topic 3)

Experimental magazine essays are quite in vogue, but many of the characteristic that now seem innovative will doubtless look (1) _____ in thirty years" time; a vaunted self- consciousness will look affected, a fractured style, far from appearing (ii) _____ will appear (lii) _____ instead.

- A. mannered
- B. groundbreaking
- C. foreign
- D. radical
- E. conventional
- F. pretentious
- G. quaint
- H. idiosyncratic
- I. auspicious

Answer: CDE**NEW QUESTION 355**

- (Topic 3)

Normally, seeds of *Emmenathe penduliflora* stay dormant for years and germinate only when a fire burns through their habitat. Nitrogen dioxide in the smoke induces the seeds to germinate. Fires clear the brush, allowing germinating seeds to receive the sunlight they need to grow. The plants mature quickly, produce seeds, and then die. In areas with heavy automobile traffic, however, the seed germinates in the absence of lire, with automobile exhaust supplying the required nitrogen dioxide.

The information given, if accurate, most strongly supports which of the following hypotheses?

- A. Fires in the habitat of *E. pendulijlora* do not entirely destroy the plant's seeds even in the places where the fires burn most intensely.
- B. The nitrogen dioxide in automobile exhaust eannot harm plants of *pendulijlora* after germination.
- C. *pendulijlora* after germination.
- D. If human intervention decreases the number of fires in the habitat of *pendulijlor*
- E. *pendulijlor*
- F. automobile exhaust can replicate the conditions the plant requires in order to thrive.
- G. Within the habitat of *pendulijlora* . natural fires are significantly more frequent in areas with heavy automobile traffic than they are in other areas.
- I. Unless *pendulijlora* seeds that have germinated can survive in the shade, automobile exhaust threatens the long-term survival of the plant in areas with heavy automobile traffic.

Answer: C**NEW QUESTION 358**

- (Topic 3)

There is a rather _____ reason for astronomers sudden interest in comets: most other bodies in the solar system have been explored already.

- A. pedantic
- B. prosaic
- C. controversial
- D. untenable
- E. mysterious

Answer: B**NEW QUESTION 360**

- (Topic 3)

Recent research has questioned the long-standing view of pearly mussels as exclusively suspension feeders (animals that strain suspended particles from water) that subsist on phytoplankton (mostly algae). Early studies of mussel feeding were based on analyses of gut contents, a method that has three weaknesses. First, material in mucus-bound gut contents is difficult to identify and quantify. Second, material found in the gut may pass undigested out of the mussel, not contributing to its nutrition. Finally, examination of gut contents offers limited insight into the mechanisms and behaviors by which mussels acquire food. Modern studies suggest that pearly mussels feed on more than just algae and may use other means than suspension feeding. Pedal feeding (sweeping up edible material with a muscular structure called the foot) has been observed in juvenile pearly mussels.

Besides the phytoplankton pearly mussels capture from the water column, their guts also contain small animals, protozoans, and detritus (nonliving particulate organic material). Recent studies show that mussels can capture and assimilate bacteria as well, a potentially important source of food in many fresh waters. Another potential source of food for mussels is dissolved organic matter. Early studies showing that pearly mussels could take up simple organic compounds were largely discounted because such labile (unstable) compounds are rarely abundant in nature. Nevertheless, recent work on other bivalves suggests that dissolved organic matter may be a significant source of nutrition.

Of this complex mix of materials that pearly mussels acquire, what is actually required and assimilated? Stable-isotope analyses of mussels taken from nature and of captive-reared mussels are beginning to offer some insight into this question. Nichols and Garling showed that pearly mussels in a small river were omnivorous, subsisting mainly on particles less than 25 micrometers in diameter, including algae, detritus, and bacteria. Bacterially derived carbon was apparently the primary source of soft-tissue carbon. However, bacteria alone cannot support mussel growth, because they lack the necessary long-chain fatty acids and sterols and are deficient in some amino acids. Bacteria may supplement other food resources, provide growth factors, or be the primary food in habitats such as headwater streams, where phytoplankton is scarce. Juvenile mussels have been most successfully reared in the laboratory on diets containing algae high in polyunsaturated fatty acids. Thus, it appears that the pearly mussel diet in nature may consist of algae, bacteria, detritus, and small animals and that at least some algae and bacteria may be required as a source of essential biochemicals.

Which of the following can be inferred about the "recent research?"

- A. Little of it has been conducted on mussels in their natural habitats.
- B. Some of it has produced findings that overturn earlier assumptions about pearly mussels' competition for food.
- C. Some of it has been conducted by methods other than analysis of gut contents.
- D. It has revealed little about the mechanisms and behavior by which pearly mussels acquire food.
- E. It has invalidated researchers' questions about what pearly mussels eat.

Answer: C

NEW QUESTION 361

- (Topic 3)

Though humanitarian emergencies are frequent features of television news, such exposure seldom _____ the public, which rather seems resigned to a sense of impotency.

- A. paralyzes
- B. demoralizes
- C. assuages
- D. galvanizes
- E. exasperates

Answer: C

NEW QUESTION 365

- (Topic 3)

In 1755 British writer Samuel Johnson published an acerbic letter to Lord Chesterfield rebuking his patron for neglect and declining further support. Johnson's rejection of his patron's belated assistance has often been identified as a key moment in the history of publishing, marking the end of the culture of patronage. However, patronage had been in decline for 50 years, yet would survive, in attenuated form, for another 50. Indeed, Johnson was in 1762 awarded a pension by the Crown—a subtle form of sponsorship, tantamount to state patronage. The importance of Johnson's letter is not so much historical as emotional: it would become a touchstone for all who repudiated patrons and for all who embraced the laws of the marketplace.

The author of the passage mentions Johnson's 1762 pension award in order to

- A. provide a specific example of patronage's surviving into the second half of the eighteenth century
- B. emphasize that patronage still helped support Johnson's writing after his letter to Chesterfield
- C. provide evidence for a general trend in the later half of the
- D. eighteenth century of private patronage's being replaced by state sponsorship

Answer: B

NEW QUESTION 368

- (Topic 3)

Scholars generally estimate subscribers to Freedom's Journal (1827-1829), the United States' first African American newspaper, at around 800, based on subscriptions to the Rights of All, an African American newspaper founded in 1829 as a successor to Freedom's Journal by a former editor of that newspaper. But Gross argues that many more than 800 readers probably subscribed to Freedom's Journal because many of its subscribers, dissatisfied with the direction ultimately taken by the paper, refused to subscribe to the Rights of All. In any case, the figure of 800 subscribers would make the circulation of Freedom's Journal close to that of other weekly papers of the time. Its number of readers, however, would have been much larger: copies were often shared, and African American organizations subscribed to Freedom's Journal, providing nonsubscribers access to the paper. African American organizations' subscriptions to Freedom's Journal are mentioned in the passage primarily in order to.

- A. dispute Gross's claim about the probable number of readers of Freedom's Journal
- B. identify the primary subscribers to both Freedom's Journal and The Rights of All
- C. help account for a possible difference between the number of subscribers to Freedom's Journal and to The Rights of All.
- D. cite a factor that casts doubt on most scholars' assumptions about the number of subscribers to Freedom's Journal
- E. illustrate why the readership numbers for Freedom's Journal should be distinguished from the subscription numbers

Answer: B

NEW QUESTION 370

- (Topic 3)

In the late eighteenth and early nineteenth centuries, during the period of the American Revolution and the early republic, political poems appeared regularly in newspapers and pamphlets, commenting on the issues and controversies engaging the new nation. Given the sheer number of poems that engaged explicitly with politics, one might wonder why the form has remained largely ignored by scholars of early American literature even as many other once obscure forms—sentimental novels, diaries, travelogues, belles lettres—have enjoyed unprecedented scholarly interest in recent decades. Part of the reason may stem from frustrations involved with reading poems that are so highly topical—often requiring, even as a condition of first-level comprehension, a familiarity with names and references that, while wholly recognizable in their own time, are obscure to modern readers. Yet beyond this is the fact that American political verse from the eighteenth and early nineteenth centuries has never fully shaken off the verdict, delivered by its earliest generation of scholarly readers, that it is simply unworthy of serious attention as literature. Even the term commonly used to describe it—"verse," as opposed to "poetry"—suggests an occasional or forgettable, rather than enduring, form of expression, not quite deserving the designation of poetry. Nor was such verse considered by early critics as worthy of the designation "American," as the tendency of eighteenth-century American poets to model their works on those of British precursors suggested an unforgivable failure, as one critic described it, to declare their "literary independence" from Britain.

In the context in which it appears highlighted, "obscure" most nearly means

- A. dark
- B. unexamined
- C. ambiguous
- D. indistinct
- E. disreputable

Answer: B

NEW QUESTION 371

- (Topic 3)

Robert Philip argues that the advent of recorded music has directed performance style into a search for greater precision and perfection, with a consequent loss of spontaneity and warmth. Various expressive devices once common in classical music have been almost outlawed, including portamento (sliding from one note to another on a stringed instrument), playing the piano with the hands not quite synchronized, and flexibility of tempo. Philip fully documents these changes. However, other forces independent of recording were also at work. For example, the freedom of tempo so valued by Philip was, in its time, both a necessary expedient and disastrously abused. Recording alone did not cause the reaction against it, although hearing a particularly unintelligent use of it on disc may have reinforced the prejudice.

The author would most likely agree with which of the following statements about the "devices"?

- A. Increases in the technical proficiency of performers have made their use superfluous.
- B. They are not useful tools for musical expressivity.
- C. The advent of recorded music had little or no effect on their popularity.
- D. Their use cannot usually be detected in a recording, even when they were used in the recorded performance.
- E. At least some of them have been used inappropriately in the past.

Answer: E

NEW QUESTION 375

- (Topic 3)

Although a high concentration of cholesterol in the blood increases the body's ability to fight off infections it typically also increases the risk of dying from a stroke or heart attack, two of the most common causes of death. However, in a recently completed ten-year study of people eighty-five and older, higher cholesterol levels tended to be associated with greater longevity.

Which of the following, if true, most helps to explain the contrast between the highlighted effect of high cholesterol levels and the result of the study?

- A. Both heart attacks and strokes are typically brought on by an obstruction of the flow of blood through a blood vessel.
- B. Blood cholesterol levels can be controlled in part by suitable dietary regimens.
- C. Among the participants in the study, the proportion with very high blood cholesterol levels was higher than among the general population.
- D. Regular monitoring of the participants in the study revealed that most of them maintained relatively stable blood cholesterol levels over time.
- E. As people age
- F. the body's ability to fight off infections diminishes.

Answer: D

NEW QUESTION 379

- (Topic 3)

The danger often facing authors of satirical works is that if the audience is not (i) _____ the joke, the piece may end up (ii) _____ the behavior it was trying to (iii) _____.

- A. already frustrated by
- B. willing to laugh at
- C. discerning enough to get
- D. reinforcing
- E. depicting
- F. elucidating
- G. conceal
- H. support
- I. ridicule

Answer: CDI

NEW QUESTION 381

- (Topic 3)

- A. Du Bois's exhibit of African American history and culture at the 1900 Paris Exposition Universelle attracted the attention of a world of sociological scholarship whose values his work challenge
- B. Du Bois believed that sociological sociologists failed in their attempts to gain greater understanding of human deeds because their work examined not deeds but theories and because they gathered data not to effect social progress but merely to theorize
- C. In his exhibit
- D. Du Bois sought to present cultural artifacts that would shift the focus of sociology from the construction of vast generalizations to the observation of particular
- E. living individual elements of society and the working contributions of individual people to a vast functioning social structure. The passage implies that Du Bois attributed which of the following beliefs to Spencerian sociologists?
- F. Theorizing is important to the understanding of human actions.
- G. Vast generalizations have limited value.
- H. Data gathering is a relatively unimportant part of sociological research.
- I. Sociology should focus on the living elements of society rather than cultural artifacts.
- J. Particulars are more important than universals.

Answer: A

NEW QUESTION 384

- (Topic 3)

One reason researchers have long believed that Mars never enjoyed an extensive period of warm and wet climate is that much of the surface not covered by wind-borne dust appears to be composed of unweathered material. If water flowed for an extended period, researchers reasoned, it should have altered and weathered the volcanic minerals, creating clays or other oxidized, hydrated phases (minerals that incorporate water molecules in their crystal structure).

It turns out, though, that the scientists were not looking closely enough. New high-resolution mapping data and close-up surface studies have revealed clays and other hydrated minerals in many regions. The clay deposits are scattered all over, in ancient volcanic surfaces and heavily cratered highland regions, some of which have apparently been exposed by erosion only recently.

It can be inferred from the passage that the author would agree with which of the following statements regarding the reasoning discussed in the highlighted sentence?

- A. It is based on an underestimation of the extent to which flowing water would alter volcanic materials on Mars
- B. It provides the basis for an explanation of why water on Mars has been difficult to find until recently
- C. It correctly identifies a consequence of water flowing on the Martian surface.
- D. It fails to take into account the impact of wind-borne dust on the Martian surface

Answer: C

NEW QUESTION 386

- (Topic 3)

Though mathematics is _____, like language, it has its roots in the mud of everyday embodied experience: one such root is counting.

- A. essential
- B. indispensable
- C. abstract
- D. theoretical
- E. prescriptive
- F. functional

Answer: CD

NEW QUESTION 390

- (Topic 3)

The notion that scientists consider the work they do to be (i) _____ contradicts popular stereotypes that depict the work of scientists (and the scientists themselves) as being formal and rigid, following lockstep procedures in which the (ii) _____ elements of researchers' personalities fail to enter their labors.

- A. socially useful
- B. affective
- C. emotionally satisfying
- D. cognitive
- E. intellectually demanding
- F. conjectural

Answer: BE

NEW QUESTION 393

- (Topic 3)

Typefaces, in one sense, are just like styles of shoes: they _____ because different people have different tastes and identities and because both creators and users value novelty for its own sake.

- A. bemuse
- B. converge
- C. proliferate
- D. abound
- E. evolve
- F. coincide

Answer: CD

NEW QUESTION 394

- (Topic 3)

The highly dispersed nature of Panzaleo pottery throughout present-day Ecuador has led archaeologists to speculate about the pottery's origins and significance. Jijon y Caamano attributed the pottery's distribution to trade, and based on the large quantities of pottery recovered in the Ambato-Latacunga region of the central Ecuadorian highlands, he proposed that region as the probable locus of production. However, Porras suggests that inhabitants of the subtropical eastern Andean slopes, or montaria, were the original producers of Panzaleo. Porras' theory involves the forced migration of the montaria population from their homeland in the Quijos River valley into the Ecuadorian highlands. The gradual exodus and ensuing dispersal of the makers of this ware could account for the diffuse distribution of the materials.

It can be inferred from the passage that Jijon y Caamano would probably agree with which of the following statements about the distribution of Panzaleo pottery throughout Ecuador?

- A. This distribution is not primarily the result of the relocation of the original makers of the pottery
- B. This distribution originally took place over a relatively short period of time.
- C. This distribution could not have occurred without the forced migration of certain peoples
- D. This distribution was largely limited to the Ambato-Latacunga region.
- E. This distribution indicates that the Ambato-Latacunga region was known primarily as a trading center

Answer: D

NEW QUESTION 397

- (Topic 3)

A divide between aesthetic and technical considerations has played a crucial role in mapmaking and cartographic scholarship. Some nineteenth-century cartographers, for instance, understood themselves as technicians who did not care about visual effects, while others saw themselves as landscape painters. That dichotomy structured the discipline of the history of cartography. Until the 1980s, in what Blakemore and Harley called "the 'Old is Beautiful' paradigm." scholars largely focused on maps made before 1800, marveling at their beauty and sometimes regretting the decline of the pre-technical age. Early mapmaking was considered art while modern cartography was located within the realm of engineering utility. Alpers, however, has argued that this boundary would have puzzled mapmakers in the seventeenth century, because they considered themselves to be visual engineers. It can be inferred from the passage that, beginning in the 1980s, historians of cartography

- A. placed greater emphasis on the beauty of maps made after 1800
- B. expanded their range of study to include more material created after 1800
- C. grew more sensitive to the way mapmakers prior to 1800 conceived of their work
- D. came to see the visual details of maps as aesthetic objects rather than practical cartographic aids
- E. reduced the attention they paid to the technical aspects of mapmaking

Answer: B

NEW QUESTION 399

- (Topic 3)

As originally formulated, the selfish-herd theory of prey species aggregation assumed that predatory attacks were equally likely to be launched from any position within the environment. In some circumstances (e.g., avian predators attacking prey from above), such an approach is appropriate. However, as James et al. argue, in many predator-prey associations, attacks are unlikely to occur from positions within the group. For example, it is likely that an ambushing predator waiting in the path of a group would be detected before the group moves over its position. Hence, in many ecological situations, predatory attacks on grouped prey will occur exclusively from outside the group. In such circumstances, there is a strong premium to a group member in being in the interior of the group. James would most likely describe the original formulation of the selfish-herd theory as

- A. completely untenable in its explanation of predator-prey associations
- B. ill-equipped to explain exceptions to standard predator-prey associations
- C. insufficiently attentive to the diversity of predator-prey associations
- D. excessively concerned with the outcomes of predator-prey associations
- E. problematically neglectful of the cooperative elements of predator-prey associations

Answer: C

NEW QUESTION 402

- (Topic 3)

The landmasses that we see on Earth today have moved around the globe, smashing together and splitting apart several times over the past 3 billion years. These cycles of (i) _____ and (ii) _____ have affected Earth's crust and underlying mantle, its atmosphere and climate, and the life it supports.

- A. stability
- B. collapse
- C. entropy
- D. dispersal
- E. amalgamation
- F. renewal

Answer: CE

NEW QUESTION 403

- (Topic 3)

Birds that prey on sage grouse generally hunt by circling over sagebrush and pouncing on sage grouse that come out into the open. Where there are power lines, however, these predators often survey the ground while sitting on the power lines. Although the area they can survey is smaller, predators sitting on power lines are more likely to catch sage grouse than are predators circling in the air, because _____, The primary purpose of the passage is to

- A. explain why certain scientists rejected a particular hypothesis
- B. show how a conventional theory was weakened by a new discovery
- C. discuss a shift in an approach to explaining a natural phenomenon
- D. account for the widespread influence of a scientific theory
- E. trace the origins of a scientific dispute

Answer: B

NEW QUESTION 405

- (Topic 3)

Sunflower sea slugs help maintain certain kelp forest ecosystems by eating quickly reproducing prey species such as urchins, thus keeping populations low. Without the sea stars, the urchin population explodes, which is bad news for kelp forests and everything in them. Giant kelp can grow to 150 feet underwater at a speed of two feet a day, but their weaknesses are their holdfasts, which are akin to tree roots. The holdfasts are home to brittle stars, prawns, and snails, among other creatures. Urchins like to eat the kelp holdfasts. Once the holdfasts are gone, the rest of the kelp drifts off* in the tides. In this way, urchins can destroy the forests, which, higher up, are also home to fish, including several types of commercially important rockfish. According to the passage, sea urchin populations

- A. often drift in the tide along with sea kelp
- B. are a favored prey of certain commercially important fish

- C. sometimes prey on commercially important fish species
- D. can damage the habitats where brittle stars live
- E. reproduce most rapidly in holdfasts of kelp forests

Answer: D

NEW QUESTION 407

- (Topic 3)

The relevance of the literary personality—a writer's distinctive attitudes, concerns, and artistic choices—to the analysis of a literary work is being scrutinized by various schools of contemporary criticism. Deconstructionists view the literary personality, like the writer's biographical personality, as irrelevant. The proper focus of literary analysis, they argue, is a work's intertextuality (interrelationship with other texts), subtexts (unspoken, concealed, or repressed discourses), and metatexts (self-referential aspects), not a perception of a writer's verbal and aesthetic "fingerprints." New historicists also devalue the literary personality, since, in their emphasis on a work's historical context, they credit a writer with only those insights and ideas that were generally available when the writer lived. However, to readers interested in literary detective work—say scholars of classical (Greek and Roman) literature who wish to reconstruct damaged texts or deduce a work's authorship—the literary personality sometimes provides vital clues.

The passage is primarily concerned with

- A. discussing attitudes toward a particular focus for literary analysis
- B. describing the limitations of two contemporary approaches to literary analysis
- C. pointing out the similarities among seemingly contrasting approaches to literary analysis
- D. defending the resurgence of a particular focus for literary analysis
- E. defining a set of related terms employed in literary criticism

Answer: A

NEW QUESTION 411

- (Topic 3)

Like paleontologists who interpret timescales from fossil evidence, we infer the history of star formation in the Milky Way galaxy from the heavy-element composition of its stars. According to the big bang theory of the origin of the universe, the first gas clouds—and the first generation of stars formed from them—were composed of pure hydrogen and helium; most heavier elements—iron and calcium, for example—came later, created by explosions of supernovas, massive stars in their death throes. Loaded with heavy elements, material ejected from supernovas enriched the interstellar gas clouds from which the next generation of stars formed, the level of heavy elements increasing with succeeding generations. Because most stars live for many billions of years and because the Milky Way is thus composed of multiple stellar generations, comparing the number of stars of low heavy-element abundance with those of high heavy-element abundance enables astronomers to untangle the history of star formation in the Milky Way.

The passage implies that if a star contains calcium, then the

- A. star does not belong to the first generation of stars
- B. star does not contain any hydrogen or helium
- C. calcium was not formed by the explosion of a supernova

Answer: A

NEW QUESTION 412

- (Topic 3)

The highly dispersed nature of Panzaleo pottery throughout present-day Ecuador has led archaeologists to speculate about the pottery's origins and significance. Jijon y Caamano attributed the pottery's distribution to trade, and based on the large quantities of pottery recovered in the Ambato-Latacunga region of the central Ecuadorian highlands, he proposed that region as the probable locus of production. However, Porras suggests that inhabitants of the subtropical eastern Andean slopes, or montañas, were the original producers of Panzaleo. Porras' theory involves the forced migration of the montañés population from their homeland in the Quijos River valley into the Ecuadorian highlands. The gradual exodus and ensuing dispersal of the makers of this ware could account for the diffuse distribution of the materials.

The passage cites evidence supporting which of the following hypotheses?

- A. Jijon y Caamano's hypothesis about the relationship between trade and the distribution of Panzaleo pottery
- B. Jijon y Caamano's hypothesis about the probable locus of Panzaleo pottery production
- C. Porras' hypothesis about who the original producers of Panzaleo pottery were
- D. Porras' hypothesis about the forced migration of certain peoples
- E. Porras' hypothesis about the dispersal of the original makers of Panzaleo pottery"

Answer: C

NEW QUESTION 415

- (Topic 3)

What accounts for the low-lying, flat surface of Mars's north? On Earth's surface, higher- and lower-lying areas have different types of crust: one, thin and dense, is pulled toward Earth's center more strongly by gravity, and the planet's water naturally comes to sit over it, creating oceans. The processes that generate this oceanic crust drive plate tectonics.

Is Mars's north similarly characterized by a sort of crust different from other areas of the planet? Some researchers do see signs of tectonic activity surrounding the northern basin that suggest that it was created through the formation of new crust, like ocean basins on Earth. However, McGill points to northern bedrock structures that predate the features said to mark the start of the tectonic process. McGill instead believes that through some novel mechanism the ancient surface sank to its current depth as a single unit. This would explain why features around the basin's edge, which would have formed as the surface dropped, seem to be younger than structures at its floor.

The third possibility is that the northern lowlands result from impacts. Some researchers suggest they formed as a series of big overlapping impact craters. Others, arguing that the odds against such a pattern of impacts are large, postulate a single event—the impact of an object bigger than any asteroid the solar system now contains.

Which of the following can be inferred from the passage about geological features on Earth?

- A. The relative elevation of the lowest-lying regions of the crust arises in part from forces generated within the planet.
- B. The difference in elevation between the ocean basins and their surroundings is greater than the difference between Mars's northern basin and its surroundings.
- C. The formation of low-lying areas proceeds by a different process than the one that created Mars's northern basin.
- D. The weight of the oceans does not affect the depth of the ocean basins.

E. The proportion of the crust that is oceanic crust is increasing.

Answer: C

NEW QUESTION 420

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