

Digital SAT®

Practice Test

2026 Oct INT - A

Section	Module	Questions	Time
Reading and Writing	1	27	32 minutes
Reading and Writing	2	27	32 minutes
Math	1	22	35 minutes
Math	2	22	35 minutes
Total		98	134 minutes

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The Reading and Writing section comes first, followed by a 10-minute break and then the Math section. Answers are provided in a separate Answer Key.

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Section 1, Module 1: Reading and Writing

27 QUESTIONS • 32 MINUTES

DIRECTIONS

The questions in this section address a number of important reading and writing skills. Each question includes one or more passages, which may include a table or graph. Read each passage and question carefully, and then choose the best answer to the question based on the passage(s).

All questions in this section are multiple-choice with four answer choices. Each question has a single best answer.

Section 1, Module 1: Reading and Writing

1

_____ the source of a malfunction in a complex electrical system can be a painstaking, time-consuming process: a repair technician may need to test each individual component one by one until the specific part causing the problematic behavior is identified.

Which choice completes the text with the most logical and precise word or phrase?

- A. Adapting
- B. Isolating
- C. Incorporating
- D. Fabricating

2

Single-celled foraminifera inhabiting coastal waters experience significant environmental salinity changes during tidal cycles. How, then, do they _____ internal salt levels? Some organisms maintain high concentrations of phosphates that allow them to affect the concentration of internal electrolytes—including salt—in response to external changes. It may be that coastal foraminifera do the same.

Which choice completes the text with the most logical and precise word or phrase?

- A. counteract
- B. elude
- C. tolerate
- D. regulate

3

Though most studies of the effect of altitude on blood chemistry usually concentrate on people who live above sea level, researchers Suleiman A. Al-Sweedan and Moath Alhaj have instead chosen the _____ path in their recent work of studying the blood of people who live below sea level, in locations such as the California towns of Westmorland and Thermal.

Which choice completes the text with the most logical and precise word or phrase?

- A. predictable
- B. innovative
- C. idealistic
- D. timeworn

4

While once _____, basic computer security training that only teaches recognition of obvious scams cannot provide enough protection against today's sophisticated fake emails, which employ such subtle deception

techniques that many organizations now require their staff to complete comprehensive cybersecurity education programs.

Which choice completes the text with the most logical and precise word or phrase?

- A. uncommon
 - B. superficial
 - C. sufficient
 - D. affordable
-

5

What is a city? The answer depends on where you live! Many countries define an area as a city based on how many people live there. However, not every country uses the same numbers. Iceland defines a city as an area with a population of at least 200, while the Netherlands defines a city as having a minimum population of 20,000. Some countries even define cities using other factors, like if there is a local government.

Which choice best describes the overall structure of the text?

- A. It lists the number of cities in one country, then compares that number to the number of cities in another country.
 - B. It poses a question, then explains why the question has many answers.
 - C. It offers a recommendation, then provides reasons for that recommendation.
 - D. It describes two locations, then explains why only one of the locations is considered a city.
-

6

The following text is adapted from the 1940 novel *The Hamlet* by William Faulkner. In rural Mississippi, a man is riding a horse toward the residence of someone he intends to meet with about a business matter.

He was breathing hard but not because he had been galloping. On the contrary, since he had approached near enough to his destination to believe he could have seen smoke if there had been smoke, he had ridden slower and slower. Nevertheless he now sat the horse before the gap in the fence, breathing hard enough through his nose and even sweating a little, looking at the sagging broken-backed cabin set in its inevitable treeless and grassless plot and weathered to the color of an old bee-hive, with that expression of tense and rapid speculation of a man approaching a dud howitzer [artillery] shell.

©1967 by Estelle Faulkner and Jill Faulkner Summers

Which choice best states the main purpose of the text?

- A. To contrast the man's desire to attend the meeting with his awareness of the risk involved in attending it
 - B. To compare the upcoming meeting to a far more serious experience from earlier in the man's life
 - C. To depict the man's insistence on meeting despite the inconvenience of traveling on horseback
 - D. To portray the man's anxiety about the meeting as reflected by his physical state and demeanor
-

7

Modern forestry offers diverse career opportunities that integrate scientific knowledge with hands-on environmental work. Arborists assess tree health and perform maintenance such as pruning to promote safety and prevent problems. Forestry technicians collect data on growth patterns and biodiversity in the wild. Forest ecologists conduct field research and analyze ecosystems to understand how forests respond to changes in weather patterns. With this blend of scientific understanding and practical application, forestry professionals address a variety of complex environmental challenges.

Which choice best describes the main purpose of the text?

- A. To explain technological advances in modern forestry and demonstrate how they've transformed traditional practices
 - B. To analyze environmental challenges facing forests and describe how modern professionals address these problems
 - C. To compare career opportunities in modern forestry and explain which positions offer the best job security
 - D. To highlight career opportunities in modern forestry and describe how they integrate scientific knowledge and hands-on work
-

8

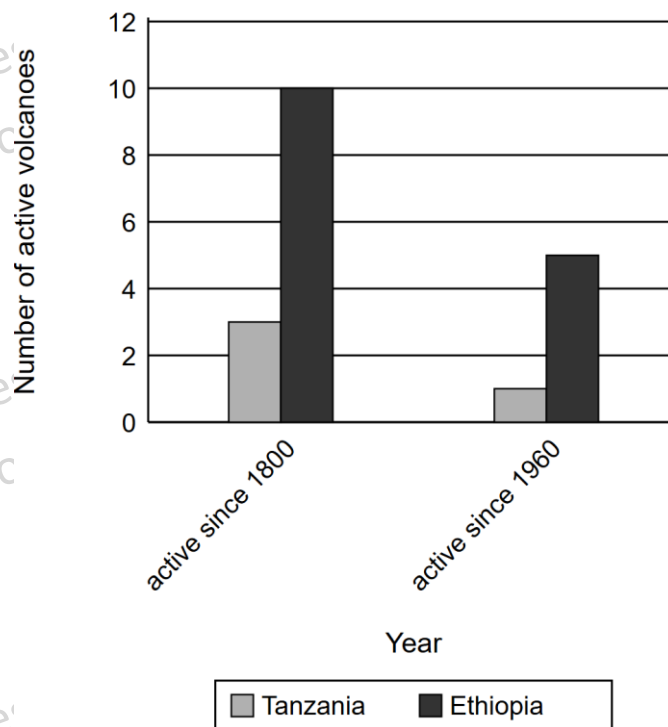
James Fong and his team claim to have discovered a new color, which they named olo. Olo is a very saturated blue-green color that can't be seen with the human eye under natural conditions. In the human eye, long, medium, and short cones in the retina help sense bright light and color. Olo can only be seen by activating the medium cones alone. Fong and team activated these cones by using a targeted laser technology to stimulate just the medium cone cells.

According to the text, how can the color olo be seen?

- A. By activating only the medium cones in the retina
 - B. By activating the long, medium, and short cones in the retina
 - C. By activating both the long and short cones in the retina
 - D. By activating only the long cones in the retina
-

9

Volcanoes Active since 1800 and
since 1960 in Two Countries



A student is collecting data about countries with volcanoes that have been active in the time since 1800 and in the time since 1960. The student records that Ethiopia has _____

Which choice most effectively uses data from the graph to complete the statement?

- A. the same number of volcanoes that have been active since 1800 as Tanzania has.
- B. no volcanoes that have been active since 1800.
- C. more volcanoes that have been active since 1960 than Tanzania has.
- D. fewer volcanoes that have been active since 1960 than Tanzania has.

10

Editor Jared Shurin’s enormous 2023 anthology *The Big Book of Cyberpunk* comprises 108 stories. Shurin’s volume is chronologically expansive, featuring such stories as James Tiptree Jr.’s “The Girl Who Was Plugged In” (1973) and Erica Satifka’s “Act of Providence” (2021). In his introduction, Shurin defines cyberpunk as a subgenre of speculative fiction concerning “the influence of technology on the scale, the pace, or the pattern of human affairs”; however, some critics assert that cyberpunk is a literary movement that is in large part aesthetic rather than idea driven.

Which quotation from a literary critic would be the most effective evidence in support of the underlined claim?

- A. “Not all the stories anthologized in *The Big Book of Cyberpunk* were first published as stand-alone short stories in magazines or journals: for example, qntm’s 2021 story ‘Lena’ was originally self-published on the author’s site qntm.org.”

- B. “The stories in *The Big Book of Cyberpunk* share a number of common themes indicative of cyberpunk as a whole: body modification; resistance to authority; the ways in which technological advancements alter human behavior.”
- C. “Shurin’s characterization of cyberpunk is remarkably generous; it is a categorization that might well serve for the entire field of science fiction in general, rather than cyberpunk in particular.”
- D. “A key component of cyberpunk that differentiates it from other subgenres of science fiction is an affection for the totems of 1980s pop culture, such as the mirrored sunglasses that were then popular.”

11

Employment in Tribal Economies in December 2017 and December 2023 by Sector

Economic sector	Approximate total number of employees, 2017	Percentage of workforce, 2017	Approximate total number of employees, 2023	Percentage of workforce, 2023
Business sector (all tribal businesses)	220,700	66.0%	232,300	65.4%
Leisure and hospitality businesses	185,100	55.3%	192,300	54.2%
Education and healthcare businesses	19,100	5.7%	21,600	6.1%
Other businesses	16,500	5.0%	18,400	5.1%
Public sector (tribal government and public administration)	113,800	34.0%	122,700	34.6%

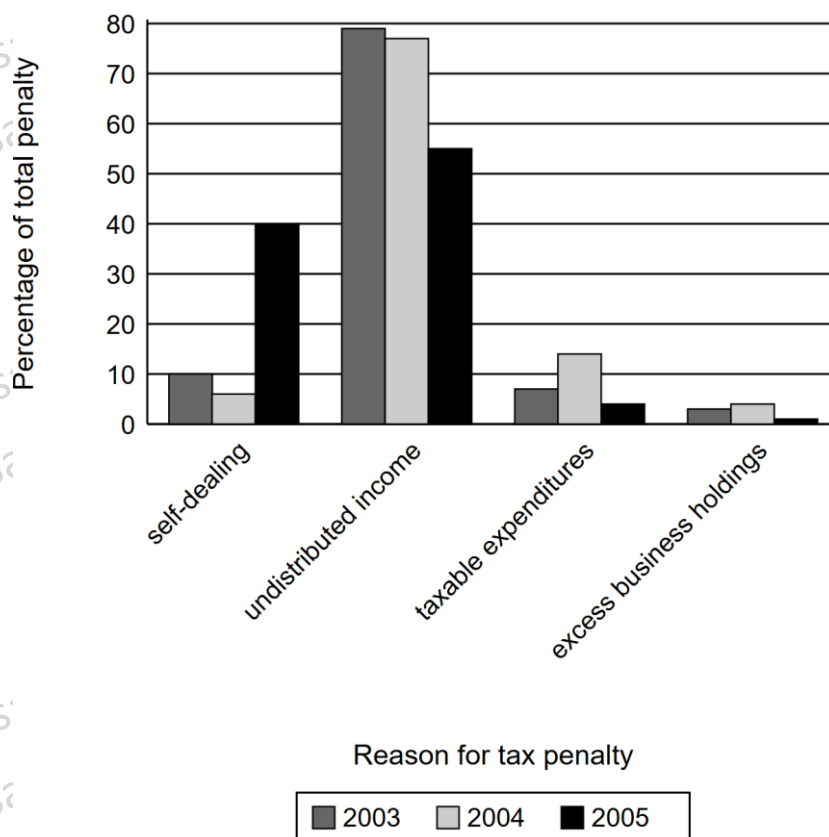
Tribal nations employ a large percentage of their populations in tribally owned businesses as well as in government and public administration. This is especially true in Oklahoma and other states with robust tribal economies and large Native populations. Between end-of-year 2017 and end-of-year 2023, the percentage of tribal employees working in the public sector increased, from 34.0% to 34.6%, while the percentage working in the business sector declined from 66.0% to 65.4%.

Which statement about the decline in the percentage of tribal employees working in the business sector is best supported by information in the table?

- A. It didn’t result from an overall contraction of that sector, since the total number of employees in that sector increased by several thousand during this period.
- B. It was offset by changes in leisure and hospitality businesses, since the percentage of employees working in those businesses increased during this period.
- C. It was driven primarily by changes in businesses classified as “other,” since those businesses had the lowest number of employees by the end of 2023.
- D. It resulted from widespread workforce redistributions, since several thousand employees left that sector to take new jobs in the public sector during this period.

12

Tax Penalties Assessed on Private Foundations That Filed Form 4720, by Reason, 2003–2005



While US public charities, like Commonfund, must file Form 990 yearly with the IRS, private foundations, such as Lilly Endowment Inc., must file a different form, 990-PF. In addition, foundations that engage in certain prohibited activities must also file Form 4720 and pay a penalty tax on the money involved. Private foundations are prohibited from holding excess interests in a business enterprise, “self-dealing” (conducting activities that benefit foundation insiders), making taxable expenditures such as grants to noncharitable entities, and failing to cross a required threshold in making charitable distributions from income. Out of the organizations that filed Form 990-PF in the years 2003–2005, _____

Which choice most effectively uses data from the graph to complete the assertion?

- A. those that filed Form 4720 because they had excess holdings in a business enterprise paid, on average, a larger penalty than those that filed Form 4720 because they made taxable expenditures.
- B. those that filed Form 4720 because they engaged in self-dealing paid an increasing percentage of the total penalty each year from 2003 to 2005.
- C. those that filed Form 4720 in 2003 because they failed to meet the minimum charitable distribution requirement collectively paid a larger percentage of the total penalty assessed that year than those that filed Form 4720 in 2005 for the same reason.
- D. those that filed Form 4720 in 2005 because they engaged in self-dealing collectively paid a larger percentage of the total penalty assessed that year than those that filed Form 990 but also filed Form 4720 for the same reason.

13

Philoctetes is a play by Sophocles that was first performed in 409 BCE. In the play, Odysseus and Neoptolemus must retrieve Philoctetes—a master archer who is believed necessary for the Greeks to win the Trojan War—from a cave on a deserted island where Odysseus and others had abandoned him with a debilitating injury earlier in the war. Odysseus suggests that the plan for returning with Philoctetes rests on Neoptolemus not having been part of the group that abandoned him: _____

Which quotation from *Philoctetes* most effectively illustrates the claim?

- A. “Since the prize of victory is so dear, / Endure it [acting deceitfully]—We’ll be just another day / But now, for one brief hour, devote thyself / To serve me without shame.”
- B. “Go near now silently, and make me know / If still he persevere, and hold this spot, / Or have roamed elsewhere, that informed of this / I may proceed with what remains to say, / And we may act in concert.”
- C. “Now let me show, why thine approach to him / Is safe and trustful as mine cannot be / Thou didst sail forth, not to redeem thine oath, / Nor by constraint, nor with the foremost band. / All which reproaches I must bear.”
- D. “No moment for this talk, / Lest he discern my coming, and I lose / The scheme, wherewith I think to catch him soon.”

14

Louis-Ferdinand Céline’s 1932 novel *Journey to the End of the Night* is regularly described as autobiographical. That characterization is apt—there are many parallels between the experiences of the novel’s protagonist, Ferdinand Bardamu, and those of Céline—but it should not be taken to mean that every person or event depicted in *Journey to the End of the Night* has a real-life analogue. Much of the novel is pure invention, and readers who overlook this fact and instead focus excessively on correspondences between the novel and Céline’s life can thus _____

Which choice most logically completes the text?

- A. fail to appreciate how much creativity Céline shows in the book.
- B. overemphasize the extent to which Céline took inspiration from earlier writers.
- C. refuse to acknowledge that Céline drew on real-world material when writing *Journey to the End of the Night*.
- D. misrepresent *Journey to the End of the Night* as being more widely read than it actually is.

15

Last-mile delivery, the final stage in the delivery of products to customers, is subject to increasing pressure as consumers place greater emphasis on convenience and immediacy, increasingly expecting next-day delivery. In response to this challenge and others, such as the increasing volume of parcels to be delivered, delivery companies are continually looking for ways to make last-mile delivery more efficient. One advance in last-mile delivery is the use of self-service lockers (containers where consumers can pick up their parcels

using a unique code). This approach, while promising, also introduces new obstacles (e.g., convenient placement of self-service lockers is challenging). It is therefore likely that _____

Which choice most logically completes the text?

- A. delivery companies will need to keep experimenting with new ideas for last-mile delivery if they hope to keep pace with consumers' expectations.
- B. delivery companies will continue promising next-day delivery out of a desire to meet consumers' expectations.
- C. advances in last-mile technologies will slow as delivery companies focus more on meeting customer expectations for increased convenience.
- D. innovations in the use of self-service lockers for last-mile delivery will stall unless delivery companies shift their focus to methods with fewer complications.

16

With an average summer temperature of 82.5 degrees Fahrenheit, Nicosia is one European _____ many travelers recommend, especially from June to September.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. city, which
- B. city in which,
- C. city that
- D. city, that

17

Nanoengineers have developed synthesized mesoporous silica nanoparticles that are used to transport genes and medicines to specific cells in the body. As nanotechnology evolves, medical technology _____ to evolve as well.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. had likely continued
- B. would likely have continued
- C. had likely been continuing
- D. will likely continue

18

To more easily balance the weight of her body on her toes while performing the demanding pointe work that became increasingly common in early 20th-century ballet, internationally known ballerina Anna Pavlova redesigned her pointe shoes. The modifications she made—adding a stiffened leather sole and hardened toe _____ began the modernization of ballet's iconic footwear.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. box,
 - B. box—
 - C. box
 - D. box:
-

19

Archaeological evidence indicates that board games have existed in human societies for at least five millennia, with examples discovered in the tombs of ancient Egypt and the ruins of Mesopotamia. The purpose of these ancient games was _____ provide entertainment during leisure time, to reflect cultural beliefs, and to develop strategic thinking skills among players.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. threefold. To
 - B. threefold: to
 - C. threefold; to
 - D. threefold to
-

20

Extensive radiocarbon dating of reed samples from Caral confirmed Ruth Shady Solís’s hypothesis about the Peruvian site’s _____ nearly 5,000 years ago, the ancient city preceded the Olmec civilization to the north by a full millennium, a revelation that fundamentally altered our understanding of urban development in the Western Hemisphere.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. age, built
 - B. age: built
 - C. age and built
 - D. age built
-

21

Chemists investigating the properties of coal tar in the mid-nineteenth century discovered compounds that led to the creation of vibrant artificial colorants. Commercial applications of this new synthetic dye technology—beginning with the purple dye called mauve, discovered by William Perkin in 1856—_____ responsible for launching what one science historian calls a “manufacturing revolution based on chemistry.”

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. was
- B. is
- C. were

D. has been

22

How does a clear evening become foggy? First, the ground releases heat, which radiates upward. This causes the air near the ground to cool. _____ tiny water droplets begin to form as the cooling air reaches its dew point and can no longer hold its moisture as invisible vapor. Finally, as more droplets accumulate, a visible layer of fog develops close to the ground.

Which choice completes the text with the most logical transition?

- A. Similarly,
- B. Lastly,
- C. Instead,
- D. Next,

23

Scientists studying forest restoration have discovered that trees depend on complex partnerships with microscopic organisms for survival. The researchers found that special fungi called endophytes live inside tree leaves and serve as a defense mechanism. _____ these endophytes help by fighting off diseases and boosting the tree's immune system.

Which choice completes the text with the most logical transition?

- A. In conclusion,
- B. Nevertheless,
- C. Alternatively,
- D. Specifically,

24

While researching a topic, a student has taken the following notes:

- Pistol shrimp are small marine crustaceans that hunt using a specialized oversized claw.
- When the claw snaps shut rapidly, it pushes water through a narrow groove at extreme speeds.
- This high-speed water jet creates a bubble that pops forcefully near the shrimp's prey.
- The popping bubble generates shock waves powerful enough to stun small fish.

The student wants to introduce pistol shrimp to an audience unfamiliar with these crustaceans. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Some crustaceans use a specialized claw to create high-speed water jets and a bubble that stuns the small fish they prey on.
- B. Pistol shrimp are small marine creatures that use a specialized oversized claw to generate shock waves powerful enough to stun small fish.

- C. Pushing water through a narrow groove at extreme speeds, the snapping shut of the shrimp's claw sets the shock-wave hunting process in motion.
- D. Pistol shrimp are preyed on by small marine crustaceans that create high-speed water jets to stun their prey.

25

While researching a topic, a student has taken the following notes:

- Elizabeth Catlett (1915–2012) was a celebrated African American artist.
- She is best known for creating sculptures and prints that explore the Black experience.
- *Standing Mother and Child* is a 1980 sculpture by Catlett.
- *New Generation* is a 1992 print by Catlett.

The student wants to provide an example of one of Catlett's sculptures. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. The print *New Generation* was created by celebrated artist Elizabeth Catlett in 1992.
- B. The sculpture *Standing Mother and Child* was created by celebrated artist Elizabeth Catlett in 1980.
- C. Artist Elizabeth Catlett is best known for creating sculptures and prints that explore the Black experience.
- D. Elizabeth Catlett, a celebrated artist, was born in 1915.

26

While researching a topic, a student has taken the following notes:

- Chapantongo is a municipality in the state of Hidalgo, Mexico.
- Municipalities are governmental regions responsible for providing many public services to their residents.
- One service they provide is traffic control.
- Chapantongo's population was 12,967 in 2020.
- Its population was 12,271 in 2010.
- Hidalgo is divided into 84 municipalities.

The student wants to emphasize the 2020 population of Chapantongo. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. As of 2020, Chapantongo was one of 84 municipalities in Hidalgo, Mexico.
- B. In 2020, the municipality of Chapantongo had a population of 12,967.
- C. As a municipality in Hidalgo, Chapantongo is responsible for providing public services to its population.
- D. Home to 12,271 people, the governmental region was responsible for providing traffic control to its population in 2010.

27

While researching a topic, a student has taken the following notes:

- *The Future of Nostalgia* is a scholarly book by literary theorist Svetlana Boym.
- The book explores the concept of nostalgia from various angles.
- Chapter 8 explores nostalgia and Europe's largest shopping mall.
- Chapter 17 discusses various skeptics' takes on the concept of nostalgia.
- In chapter 17, Boym writes, "The poethics of nostalgia combines estrangement and human solidarity, affect and reflection."

The student wants to explain what Svetlana Boym writes about in chapter 8. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Svetlana Boym's *The Future of Nostalgia* explores the concept of nostalgia from various angles.
- B. As Svetlana Boym writes in the seventeenth chapter of her book, "The poethics of nostalgia combines estrangement and human solidarity, affect and reflection."
- C. Literary theorist Svetlana Boym explores nostalgia and Europe's largest shopping mall in chapter 8 of her book.
- D. After exploring nostalgia and Europe's largest shopping mall, Svetlana Boym goes on to discuss various skeptics' takes on the concept of nostalgia.

STOP

If you finish before time is called, you may check your work on this module only. Do not turn to any other module in the test.

Section 1, Module 2: Reading and Writing

27 QUESTIONS • 32 MINUTES

DIRECTIONS

The questions in this section address a number of important reading and writing skills. Each question includes one or more passages, which may include a table or graph. Read each passage and question carefully, and then choose the best answer to the question based on the passage(s).

All questions in this section are multiple-choice with four answer choices. Each question has a single best answer.

Section 1, Module 2: Reading and Writing

1

The following text is from Jacqueline Woodson’s 2018 novel *Harbor Me*.

I’ve pulled the voice recorder from my closet and have it sitting on the middle of my bed now. When I press play, Esteban’s voice fills my room.

©2018 by Jacqueline Woodson

As used in the text, what does the word “pulled” most nearly mean?

- A. Developed
 - B. Attracted
 - C. Startled
 - D. Taken
-

2

The National Heritage Fellowship was created to honor exceptional folk and traditional artists in the United States. One artist who received the fellowship is Mexican American rodeo tailor Manuel Cuevas. Cuevas was chosen for his lifetime _____ the arts.

Which choice completes the text with the most logical and precise word or phrase?

- A. imitations of
 - B. misunderstandings of
 - C. contributions to
 - D. doubts about
-

3

Car manufacturers increasingly label certain vehicle components as “lifetime” parts that supposedly never need replacement. Mechanics tend to greet such assertions _____, as ample experience has shown them that environmental factors, varied driving conditions, and intensive use will likely lead to the eventual failure of these components.

Which choice completes the text with the most logical and precise word or phrase?

- A. unreasonably
 - B. hastily
 - C. skeptically
 - D. ambivalently
-

4

From fountains like *Crown Fountain* by Jaume Plensa, found at Millennium Park, to street art like Don't Fret's mural *Gift To The Class of 2016* on South Wabash Avenue, Chicago offers an array of works to _____ the tastes of art lovers.

Which choice completes the text with the most logical and precise word or phrase?

- A. mitigate
- B. venerate
- C. satiate
- D. supplant

5

Ethicist Ingrid Robeyns argues in her work that taxes on the very wealthy should be increased so that governments will be enabled to solve problems of collective action, such as mitigating climate change. Robeyns cites the work of economist Mariana Mazzucato, who shows that government subsidies are a more effective engine of innovation than private sector investments; in addition, government-funded innovations tend to lead to further developments in disparate fields (such as the United States mission to land a person on the moon, which accelerated developments in nutrition as well as communications).

Which choice best describes the overall structure of the text?

- A. It summarizes the research of one scholar, then presents a study by another scholar that was inspired by the findings of that research.
- B. It introduces a proposition by a scholar, then describes that scholar's use of findings by another scholar to support that proposition.
- C. It details the findings of a research project by one scholar, then puts forward the suggestions of another scholar for further investigation.
- D. It offers a claim by a scholar, then uses the results of a project by another scholar to show why that claim should be rejected.

6

Text 1

The novels of Henry James changed stylistically starting in 1902, becoming more demanding and featuring a much more measured pace than his earlier works. This places a burden on readers that they may not be prepared for: James's late novels are some of the best he wrote, but they are not for everyone.

Text 2

The films of Martin Scorsese released starting in 2016 have the same place in his filmography that the late novels of Henry James have in his bibliography. Both are works by proven masters—James had published *The American* (1877); Scorsese had directed *Mean Streets* (1973)—who began to make demanding works, such as James's *The Wings of the Dove* (1902) and Scorsese's *Silence* (2016), that ask more of their audiences than their earlier works do but give more in return.

Based on the texts, how would the author of Text 2 most likely respond to the underlined claim in Text 1?

- A. By arguing that James's novels cannot be fully understood without also considering Scorsese's films
 - B. By conceding that James's *The American* is a superior novel to *The Wings of the Dove*
 - C. By asserting that both James and Scorsese ought to be considered masters of their chosen art forms
 - D. By agreeing that James's late novels are excellent but can be challenging for their readers
-

7

The following text is from Hilda Eunice Burgos's 2018 novel *Ana María Reyes Does Not Live in a Castle*. The narrator is in sixth grade.

The next day I went to my piano lesson, as I did every Tuesday after school. My piano teacher, Doña Dulce Sánchez, lived two blocks from my school, in the opposite direction from my house.

©2018 by Hilda Eunice Burgos

According to the text, where did the narrator's piano teacher live?

- A. Near the center of town
 - B. Two blocks from the narrator's school
 - C. Across the street from the narrator's home
 - D. One block from the narrator's home
-

8

Emulsification is a process that creates a uniform mixture that includes two ingredients that do not combine on their own, such as oil and water. For this process to happen, a third ingredient, an emulsifier, must be combined with the other two. Carrageenan, a substance extracted from red seaweed, is a common emulsifier: it helps to create a smooth texture in condensed milk that makes it more pleasant to drink.

According to the text, what result is associated with carrageenan?

- A. It helps ensure that condensed milk has a smooth texture.
 - B. It prolongs the time it takes for ingredients to mix together during the making of condensed milk.
 - C. It decreases the amount of one ingredient in condensed milk while increasing the amount of another.
 - D. It assists in the evaporation of water during the making of condensed milk.
-

9

Biologist Nathalie Stroeymeyt and her team found that black garden ants demonstrated a sophisticated form of "architectural immunity." When confronted with fungal pathogens, these ants modified their excavation patterns in several strategic ways to speed up nest growth, increase spacing between entrances, and reduce the centrality of key chambers (containing the queen, food, or nursery). The team noted that these architectural modifications weren't random but specifically arranged to minimize fungal spread.

Which choice best states the main idea of the text?

- A. A team of scientists noticed that fungal pathogen exposure causes black garden ants to abandon their existing nest structures.
- B. According to a team of biologists, black garden ants build larger nests when exposed to a harmful fungus than they otherwise would build.
- C. A study found that black garden ants deliberately modify their nest architecture to keep a harmful fungus from spreading.
- D. A study noted that black garden ants exposed to a harmful fungus tend to dig longer tunnels in their nests instead of reducing the centrality of the nest's chambers.

10

Peter Pan is a 1911 novel by J.M. Barrie. In the fantasy novel, a young boy named Peter lives on a mythical island. The narrator indicates that Peter does not know that pretend things are not real: _____

Which quotation about Peter from *Peter Pan* best supports the claim?

- A. "He boasted that he had gone walking for the good of his health."
- B. "He had fallen at once into a dreamless sleep."
- C. "In his absence things are usually quiet on the island."
- D. "To him make-believe and true were exactly the same thing."

11

Home Video Game Systems of the 1970s and 1980s

System	Manufacturer	Approximate number of units sold worldwide
Apple II	Apple Inc.	4,487,000
Amstrad CPC	Amstrad	2,000,000
Game & Watch	Nintendo	18,600,000
Intellivision	Mattel	3,000,000

A student is researching the Amstrad CPC and other important gaming systems that were part of the global rise of the home video game industry during the 1970s and 1980s. The student is surprised to find that the Amstrad CPC sold relatively few units worldwide, with only about _____

Which choice most effectively uses data from the table to complete the statement?

- A. 2,000,000 units sold compared to the approximately 18,600,000 units sold of the Game & Watch.
- B. 3,000,000 units sold compared to the approximately 4,487,000 units sold of the Game & Watch.
- C. 2,000,000 units sold compared to the approximately 18,600,000 units sold of the Intellivision.
- D. 3,000,000 units sold compared to the approximately 4,487,000 units sold of the Apple II.

12

Brittle stars are sea animals that move along the ocean floor using their five arms. Unlike most animals, brittle stars have 70%–80% of their weight in their arms. To better understand the benefits of this unusual trait, scientists built a soft robot inspired by the brittle star's body structure. The robot has a middle disk and five arms whose weights can be changed. When the scientists made the arms heavier, the arms pressed down more firmly on the ground. This stronger grip kept the arms from slipping and allowed the robot to move more efficiently across the ocean floor. Based on these results, the scientists hypothesize that _____

Which choice most logically completes the text?

- A. brittle stars have most of the weight in their arms because that is where they store nutrients.
- B. brittle stars have most of their weight in their arms so they can scare off predators.
- C. having most of their weight in their arms allows brittle stars to climb steep underwater cliffs.
- D. having most of their weight in their arms helps brittle stars move across the ocean floor.

13

The state of Maine has classified the smallmouth bass as an invasive species that could harm some of the state's native species. But researchers Alejandro Camacho and Jason McLachlan have pointed out that Earth's climate is changing in ways that challenge such classifications. Climate changes may force animals from their current ranges. Climate changes may also create good habitats in areas where a species couldn't live previously. These observations suggest that _____

Which choice most logically completes the text?

- A. Maine was previously home to some smallmouth bass but they were outcompeted by invading species.
- B. it's useful at present for Maine to distinguish between invasive and native species in some instances but not in the case of the smallmouth bass.
- C. labels like the one that Maine has applied to the smallmouth bass reflect environmental conditions that may not persist.
- D. even if Earth's climate doesn't change in the way scientists predict, the smallmouth bass will likely establish itself in Maine.

14

In the tapestries *Blessing of Rain* and *Intended Vermillion*, Diné textile artist D.Y. Begay uses _____ and yellows extracted from cochineal insects from Peru as well as local hollyhocks, coreopsis, and chamisa plants gathered from her Tséłání homeland in Arizona.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. reds, greens,
- B. reds greens,
- C. reds greens

D. reds; greens,

15

Although Spanish artist Pablo Picasso (1881–1973) is famous mainly for his paintings, he worked in other art forms as well. Picasso _____ experimenting with sculpture as a young man and eventually created hundreds of innovative pieces, many of which he kept in his home.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. having begun
 - B. began
 - C. beginning
 - D. to begin
-

16

Colonial American newspapers played an important role in protesting British taxes, such as those resulting from the Stamp Act in 1765. Publisher William Rind showed his opposition by printing skull and crossbones symbols _____ the front page of his newspaper, the *Maryland Gazette*, where tax stamps would normally go.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. on:
 - B. on,
 - C. on;
 - D. on
-

17

Rock carvings found on islands around the lower Susquehanna River in Maryland repeatedly feature the same stylized face. Experts are divided on whether the face represents the head of a _____ a human, or a mythical figure.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. fish: a serpent
 - B. fish. A serpent,
 - C. fish a serpent,
 - D. fish, a serpent,
-

18

In ancient China, the art of miniaturizing trees in containers was called “penjing.” This term, which means “potted scenery,” _____ in China.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. to still use
 - B. still being used
 - C. is still used
 - D. still used
-

19

A recent study _____ by biologists Brandi Pessman and Eileen Hebets at the University of Nebraska–Lincoln found that in noisy environments, some funnel-weaving spiders built webs that amplified the sound of incoming vibrations at a particular frequency, allowing the spiders “to better hear certain signals above the noise,” according to Pessman.

Which choice completes the text so that it conforms to the conventions of Standard English?

- A. had been conducted
 - B. is conducted
 - C. conducted
 - D. was conducted
-

20

Many cities invest in public art, displaying works in locations where they can be enjoyed by anyone. On display in Charlotte, North Carolina, _____ is a sculpture with rotating steel layers that align to form a human head.

Which choice completes the text with the most logical transition?

- A. however,
 - B. nevertheless,
 - C. for instance,
 - D. finally,
-

21

In a 1993 study by Vales and Peek, the researchers used microhistological fecal analysis to determine the ratio of three plant subtypes (graminoids, forbs, and browse) within the diets of North American ungulates. The researchers did not perform this analysis on all such ungulates, _____ they focused exclusively on elk in Wyoming.

Which choice completes the text with the most logical transition?

- A. in other words;
- B. regardless;
- C. for instance;

D. however;

22

Lalo Schifrin, an Argentine American composer and pianist who wrote and recorded a number of jazz albums with trumpeter Dizzy Gillespie in the 1960s, also composed music for many films and television shows. _____ Schifrin's most iconic work, the theme for the 1966 TV show *Mission: Impossible*, uses a jazz-inspired 5/4 time signature.

Which choice completes the text with the most logical transition?

- A. Conversely,
- B. In other words,
- C. Fittingly,
- D. Actually,

23

In Angola, the National Assembly is elected via a proportional representation (PR) system. In PR elections, votes are cast (not for specific candidates, as they are in single-member plurality systems, but for political parties) and then tabulated; _____ each qualifying party is awarded a number of seats proportional to the number of votes it received.

Which choice completes the text with the most logical transition?

- A. accordingly,
- B. by contrast,
- C. second of all,
- D. in fact,

24

- The Highpointers Club is a hiking club.
- One of the main goals among club members is to reach the highest points in all fifty US states.
- Those who achieve this are called 50 Completers.
- In Suk Han became a 50 Completer on November 15, 2013.
- The highest point in Wisconsin is Timms Hill, at 1,951 ft.
- The highest point in Wyoming is Gannett Peak, at 13,809 ft.

Which choice most effectively uses information from the given sentences to explain the 50 Completers hiking challenge to a new audience?

- A. If you are looking for a new hiking challenge, consider joining the Highpointers Club, as did In Suk Han, a hiker who successfully reached the highest point in every US state.

- B. Not until after you have reached the highest points in all fifty US states—including Timms Hill in Wisconsin and Gannett Peak in Wyoming—can you include yourself among the 50 Completers of the Highpointers Club.
- C. On November 15, 2013, In Suk Han finally completed the feat of reaching the highest point in all fifty US states, including Timms Hill in Wisconsin and Gannett Peak in Wyoming.
- D. Hikers aiming to count themselves among the 50 Completers must reach not only Wisconsin's Timms Hill but also the even higher peak of Gannett Peak in Wyoming.

25

- Cinematographers work with cameras and lighting.
- They help translate film directors' ideas into visual images.
- *Passengers* (2016) was directed by Morten Tyldum.
- Rodrigo Prieto was the film's cinematographer.

Which choice most effectively uses information from the given sentences to provide an example of a film Prieto worked on?

- A. One example of Rodrigo Prieto's work as a cinematographer is the 2016 film *Passengers*.
- B. As cinematographer, Rodrigo Prieto works with cameras and lighting to translate the film director's ideas into visual images.
- C. Cinematographer Rodrigo Prieto and director Morten Tyldum have worked together.
- D. In filmmaking, directors work with others to translate their ideas into the visual images that we encounter on the screen.

26

While researching asteroid 16 Psyche, a student gathered the following notes:

- Asteroid 16 Psyche orbits the Sun within the main asteroid belt between Mars and Jupiter.
- The majority of known asteroids are composed primarily of rocky silicate minerals, ice, or carbonaceous matter.
- Psyche is exceptionally dense and consists almost entirely of metallic iron and nickel.
- Scientists hypothesize that Psyche may be the exposed metallic core of an early protoplanet.

The student wants to emphasize the unique composition of asteroid 16 Psyche compared to other asteroids. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Orbiting between Mars and Jupiter, asteroid 16 Psyche was the target of an exploratory mission launched by NASA.
- B. Unlike typical asteroids composed mainly of silicates, ice, or carbon, 16 Psyche consists almost entirely of metallic iron and nickel.
- C. Most asteroids in the main belt contain rocky silicates, though scientists study multiple compositions to investigate planetary formation.

- D. Scientists hypothesize that Psyche may represent the exposed core of an early protoplanet due to its high density.

27

While researching a topic, a student has taken the following notes:

- *Waiting* is a 1987 black-and-white linocut print by Kuwaiti artist Thuraya Al-Baqсами.
- It depicts a tranquil, everyday scene (a woman in a headscarf looking out a window).
- *¡Sera toda nuestra!* (“It will all be ours!”) is a 1977 color linocut print by Mexican American artist Carlos Cortéz.
- It features a scene with an explicitly political point of view (a group of laborers preparing to go on strike).
- Relief printing is a technique in which an image is carved onto a printing block, covered in ink or paint, and stamped onto paper.
- Lino printing is a type of relief printing that uses linoleum tile as the printing block.

The student wants to contrast the subject matter of the two prints. Which choice most effectively uses relevant information from the notes to accomplish this goal?

- A. Cortéz made *¡Sera toda nuestra!* (“It will all be ours!”) in 1977, while Al-Baqсами made *Waiting* later, in 1987.
- B. The scenes depicted in both works were first carved onto a printing block, then stamped onto paper; however, one work is a linocut, while the other is a relief print.
- C. Cortéz’s print expresses an explicitly political point of view, while Al-Baqсами’s depicts a tranquil, everyday scene.
- D. The print by Cortéz is a color linocut; by contrast, Al-Baqсами’s is a relief print.

STOP

If you finish before time is called, you may check your work on this module only. Do not turn to any other module in the test.

Section 2, Module 1: Math

22 QUESTIONS • 35 MINUTES

DIRECTIONS

The questions in this section address a number of important math skills.

Use of a calculator is permitted for all questions. A reference sheet and these directions can be accessed throughout the test.

NOTES

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- All figures lie in a plane.
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- If your answer is a decimal that doesn't fit in the provided space, enter it by truncating or rounding at the fourth digit.
- If your answer is a mixed number (such as $3\frac{1}{2}$), enter it as an improper fraction ($7/2$) or its decimal equivalent (3.5).
- Don't enter symbols such as a percent sign, comma, or dollar sign.

REFERENCE

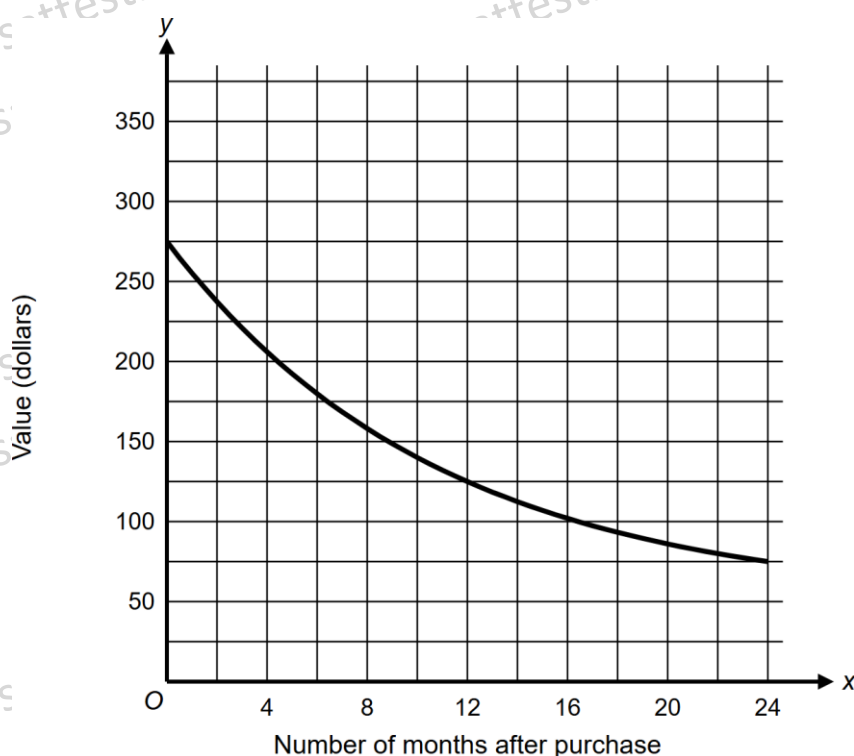
$A = \pi r^2, C = 2\pi r$	Circle
$A = \ell w$	Rectangle
$A = \frac{1}{2}bh$	Triangle
$c^2 = a^2 + b^2$	Pythagorean theorem
Special right triangles: 30° - 60° - 90° with sides $x, x\sqrt{3}, 2x$; 45° - 45° - 90° with sides $s, s, s\sqrt{2}$	
$V = \ell wh$	Rectangular prism
$V = \pi r^2 h$	Cylinder
$V = \frac{4}{3}\pi r^3$	Sphere
$V = \frac{1}{3}\pi r^2 h$	Cone
$V = \frac{1}{3}\ell wh$	Pyramid

- The number of degrees of arc in a circle is 360.
- The number of radians of arc in a circle is 2π .
- The sum of the measures in degrees of the angles of a triangle is 180.

Section 2, Module 1: Math**1**

The function h is defined by $h(x) = 100x - 50$. What is the value of $h(x)$ when $x = 6$?

- A. 56
- B. 156
- C. 550
- D. 650

2

The graph shown gives the estimated value, in dollars, of a mountain bike as a function of the number of months since it was purchased. What is the best interpretation of the y-intercept of the graph in this context?

- A. The estimated value of the bike was 275 dollars when it was purchased.
- B. The estimated value of the bike 24 months after it was purchased was 275 dollars.
- C. The estimated value of the bike had decreased by 275 dollars in the 24 months after it was purchased.
- D. The estimated value of the bike decreased by approximately 2.75% each year after it was purchased.

3

Out of 200 attempts, 55% were successful. How many of these attempts were successful?

4

Which expression is equivalent to $29x^2 + 29$?

- A. $29(x^2 + 1)$
 - B. $29(x^2 + 29)$
 - C. $29(29x^2 + 1)$
 - D. $29\left(x^2 + \frac{1}{29}\right)$
-

5

If $2(x - 3) = (2)(90)$, what is the value of $x - 3$?

- A. 30
 - B. 60
 - C. 90
 - D. 180
-

6

A commercial water pump drains water from a reservoir at a constant rate of 180 gallons per minute. At this rate, how many hours will it take to drain 32,400 gallons of water?

- A. 2.5
 - B. 3.0
 - C. 3.5
 - D. 4.0
-

7

A store sells two different-sized bottles of a certain shampoo. The store's sales of this shampoo totaled 902.07 dollars last month. The equation $4.57x + 6.08y = 902.07$ represents this situation, where x is the number of smaller bottles sold and y is the number of larger bottles sold. According to the equation, what is the price, in dollars, of each smaller bottle?

8

Triangle ABC is similar to triangle XYZ , where A , B , and C correspond to X , Y , and Z , respectively. In triangle ABC , the length of AB is 180 and the length of BC is 900. In triangle XYZ , the length of YZ is 80. What is the length of XY ?

- A. 288
 - B. 196
 - C. 80
 - D. 16
-

9

$$|x| - 43 = 0$$

Which value is a solution to the given equation?

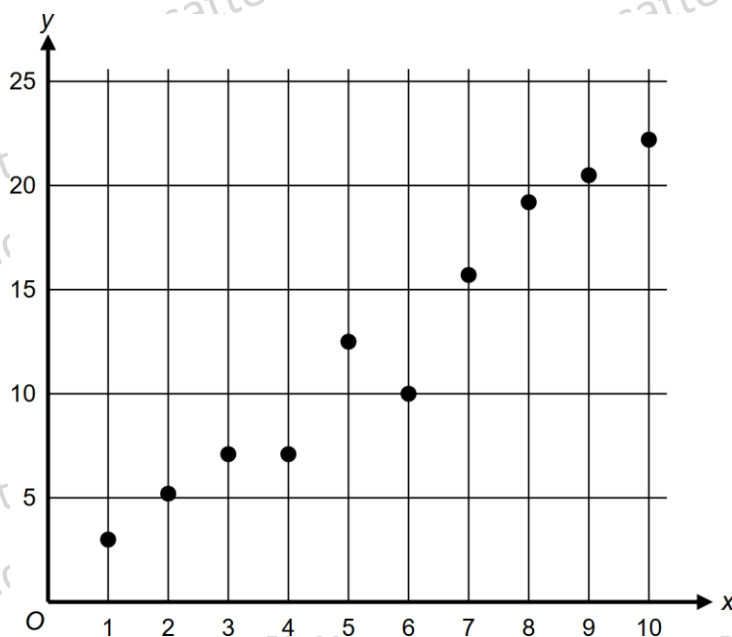
- A. $\frac{1}{43}$
 - B. 0
 - C. $-\frac{1}{43}$
 - D. -43
-

10

In the xy -plane, line k passes through the points $(0, -8)$ and $(1, -5)$. Which equation defines line k ?

- A. $y = \frac{1}{3}x - 8$
 - B. $y = -x + \frac{1}{3}$
 - C. $y = 3x - 8$
 - D. $y = -x + 3$
-

11



Which of the following equations is the most appropriate linear model for the data shown in the scatterplot?

- A. $y = 0.2 + 2.25x$
- B. $y = 0.2 - 2.25x$
- C. $y = 2.25 + 0.2x$
- D. $y = 2.25 - 0.2x$

12

What is the x -intercept of the graph of $y = \frac{21-x}{ax+b}$ in the xy -plane, where a and b are positive constants?

- A. $(21, 0)$
- B. $(0, -21)$
- C. $(0, \frac{21}{b})$
- D. $(-\frac{b}{a}, 0)$

13

A model estimates that a glacier moves between 17 and 24 centimeters per day. Which inequality represents possible values of x , where x is the total distance, in centimeters, the glacier moves in 2 days?

- A. $0 \leq x \leq 2$
- B. $(17)(0.5) \leq x \leq (24)(0.5)$
- C. $17 \leq x \leq 24$
- D. $(17)(2) \leq x \leq (24)(2)$

14

In the ancient Roman measurement system, a leuga was a unit of length that was equal to 7,500 pedes. In this measurement system, how many pedes were equivalent to 4.6 leugas?

15

A rectangle has a width of n yards and a length of $(n+7)$ yards. If the rectangle has an area of 198 square yards, what is the value of n ?

16

$$55 = \frac{2K}{v^2}$$

For an object with a mass of 55 kilograms, the given equation relates the kinetic energy K , in joules, of the object to the object's speed v , in meters per second, where K and v are positive. Which equation correctly expresses this object's speed, in meters per second, in terms of the object's kinetic energy, in joules?

A. $v = \frac{2K}{55^2}$

B. $v = \frac{55^2}{2K}$

C. $v = \sqrt{\frac{55}{2K}}$

D. $v = \sqrt{\frac{2K}{55}}$

17

A certain company measures its solar cell production $C(n)$, in peak kilowatts, generated by all the solar cells manufactured by the company. The company's solar cell production grew by approximately 22% each year for the 5 years following 2013. If solar cell production was 7,138 peak kilowatts in 2013, which of the following functions best models the solar cell production, in peak kilowatts, n years after 2013, where $0 \leq n \leq 5$?

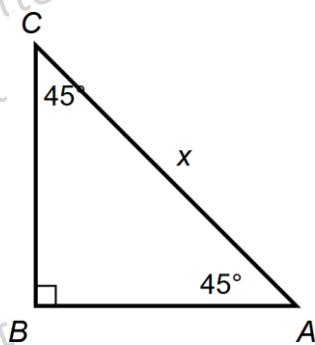
A. $C(n) = 7,138(0.22)^n$

B. $C(n) = 7,138(1.22)^n$

C. $C(n) = 0.22(7,138)^n$

D. $C(n) = 1.22(7,138)^n$

18



In the triangle shown, the value of x is 19. What is the value of $\sin A$?

- A. $\frac{1}{\sqrt{3}}$
- B. $\frac{1}{\sqrt{2}}$
- C. 1
- D. $\sqrt{2}$

19

A right square prism has a height of 15 units. The volume of the prism is 1,815 cubic units. What is the length, in units, of an edge of the base?

20

$$y = x - 1$$

$$y = 19(x - 1)^2 - 20$$

A solution to the given system of equations is (x, y) . What is one possible value of $x - 1$?

- A. -2
- B. $-\frac{20}{19}$
- C. -1
- D. $-\frac{1}{19}$

21

$$18x + 6y = 8y + 9$$

$$ty = \frac{1}{5} + 9x$$

In the given system of equations, t is a constant. If the system has no solution, what is the value of t ?

22

A circle in the xy -plane has center $(24, 5)$ and y -intercepts $(0, -27)$ and $(0, 37)$. What is the radius of this circle?

- A. 40
- B. 37
- C. 32
- D. 27

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Section 2, Module 2: Math

22 QUESTIONS • 35 MINUTES

DIRECTIONS

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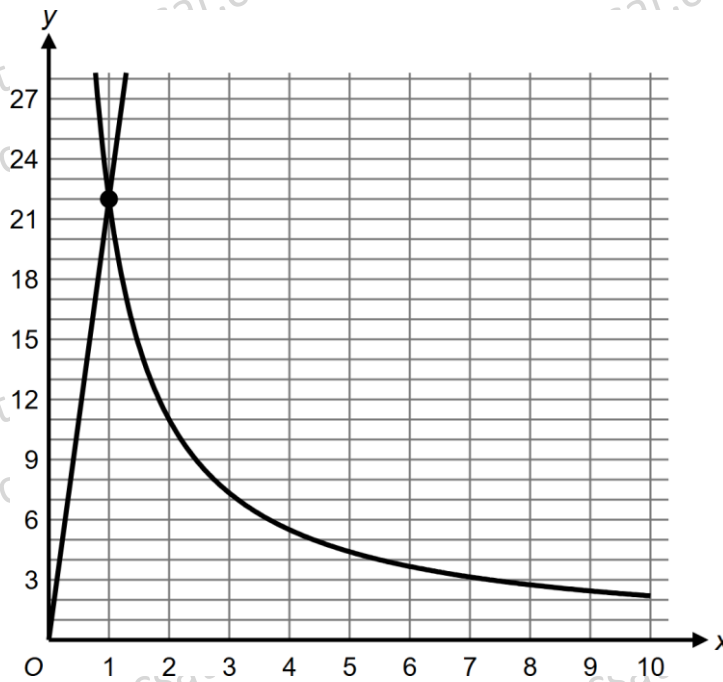
REFERENCE

$A = \pi r^2, C = 2\pi r$	Circle
$A = \ell w$	Rectangle
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- The number of degrees of arc in a circle is 360.
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- The sum of the measures in degrees of the angles of a triangle is 180.

Section 2, Module 2: Math

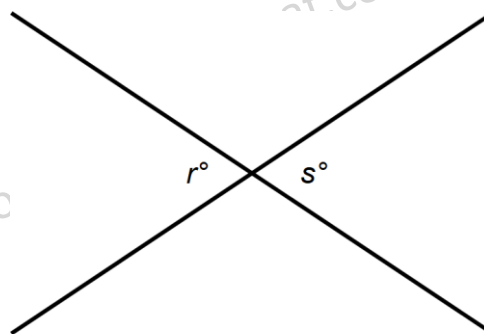
1



The system of two equations, $y = \frac{22}{x}$ and $y = 22x$, is graphed in the xy -plane as shown. Which ordered pair is a solution to this system?

- A. (0, 0)
- B. (0, 22)
- C. (1, 22)
- D. (22, 22)

2



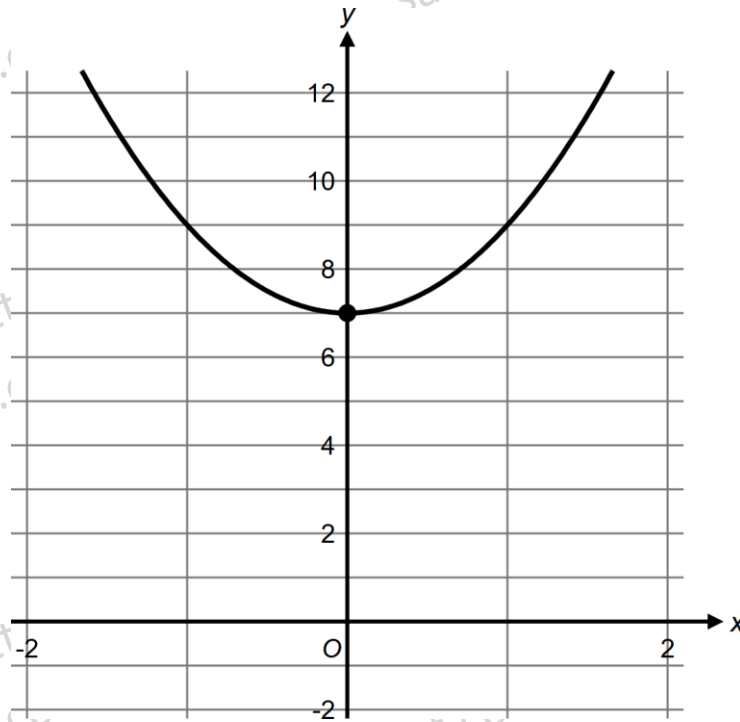
Note: Figure not drawn to scale.

In the figure, two lines intersect at a point. If $r = 71$, what is the value of s ?

- A. 19
- B. 71

- C. 161
D. 251

3



The y -intercept of the graph shown is (x, y) . What is the value of y ?

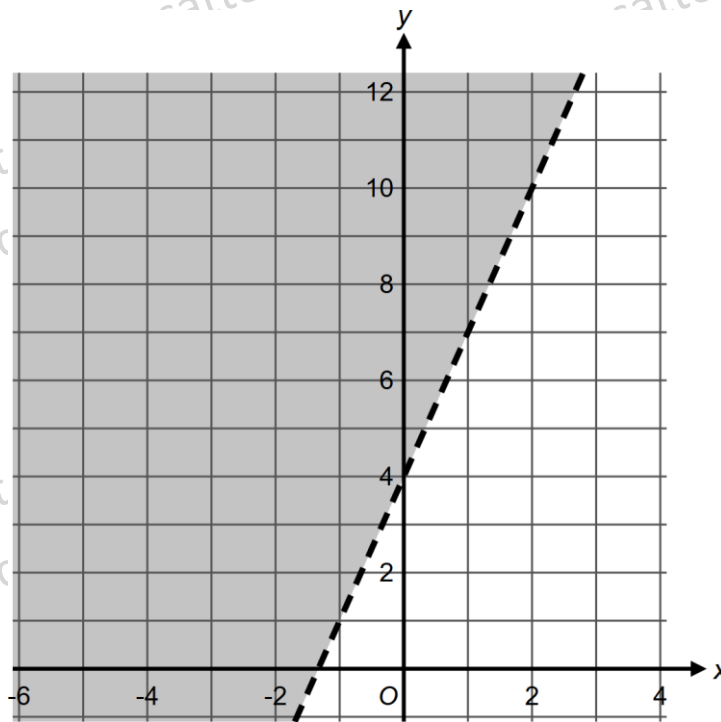
4

$$x + y = 88$$

The given equation relates the total number of marble queen pothos stems, x , and the total number of snow queen pothos stems, y , a plant nursery propagates to create pothos plants. If 28 snow queen pothos stems are propagated, how many marble queen pothos stems are propagated?

- A. 88
B. 60
C. 32
D. 28

5



The shaded region shown represents the solutions to which inequality?

- A. $y < 3x + 4$
- B. $y < 3x - 4$
- C. $y > 3x + 4$
- D. $y > 3x - 4$

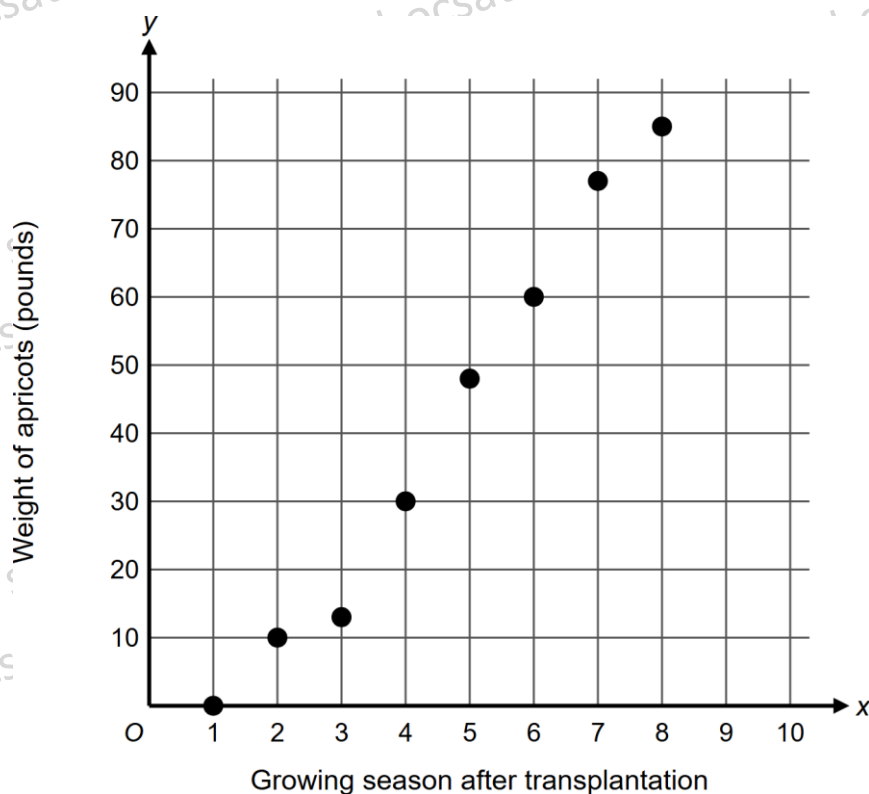
6

If $3(2x - 5) = 4x + 7$, what is the value of x ?

- A. 8
- B. 11
- C. 14
- D. 22

7

A botanist recorded the weight, in pounds, of all apricots that grew on a dwarf apricot tree during each growing season after the tree's transplantation. The scatterplot shows this weight, in pounds, for each growing season after the tree's transplantation.



What was the weight, to the nearest pound, of all apricots that grew on the tree during the 4th growing season after the tree's transplantation?

8

A data set consists of 8 integers: 4, 7, 7, 9, 12, 14, 15, 20. What is the median of this data set?

- A. 7
- B. 9
- C. 10.5
- D. 11

9

Which expression is equivalent to $18x^2 - 3x^2$?

- A. $-54x^2$
- B. $15x^2$
- C. $21x^2$
- D. $42x^2$

10

A market researcher collected data on the price of an iced coffee at 42 locations selected at random in a state. The mean price of an iced coffee in the state was estimated to be 1.37 dollars, with an associated

margin of error of 0.05 dollars. Which of the following is a plausible statement about the mean price of an iced coffee for all locations that sell this product in the state?

- A. It is between 1.32 dollars and 1.42 dollars.
 - B. It is either less than 1.32 dollars or greater than 1.42 dollars.
 - C. It is less than 1.32 dollars.
 - D. It is greater than 1.42 dollars.
-

11

A teacher is creating an assignment worth 10 points. The assignment will consist of questions worth 1 point and questions worth 2 points. Which equation represents this situation, where x represents the number of 1-point questions and y represents the number of 2-point questions?

- A. $3xy = 10$
 - B. $3(x + y) = 10$
 - C. $2x + y = 10$
 - D. $x + 2y = 10$
-

12

Data set X: 8, 12, 12, 16

Data set Y: 8, 12, 12, 16, 33

The lists give the values in data sets X and Y. Which statement correctly compares the mean of data set X and the mean of data set Y?

- A. The mean of data set X is greater than the mean of data set Y.
 - B. The mean of data set X is less than the mean of data set Y.
 - C. The means of data set X and data set Y are equal.
 - D. There is not enough information to compare the means.
-

13

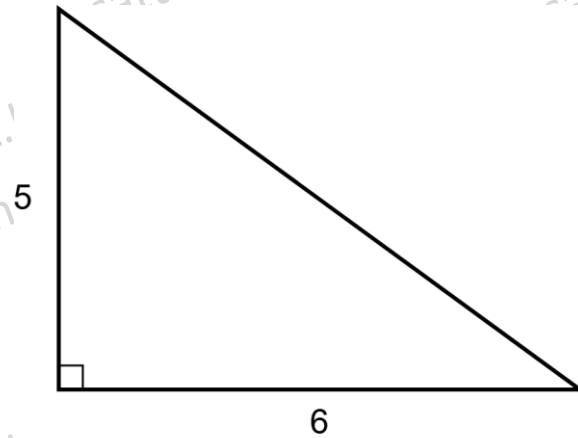
The function f is defined by $f(x) = x^3 + 26$. What is the value of $f(2)$?

14

$$y = 2,200(a)^x$$

The given equation, where a is a positive constant, gives the predicted number of bacteria, y , in a growth medium x hours after the number of bacteria was initially measured. According to the equation, what was the predicted number of bacteria initially measured in the growth medium?

15



Note: Figure not drawn to scale.

The figure shows the lengths, in units, of two sides of a triangle. What is the area, in square units, of the triangle?

- A. 15
- B. 11
- C. 6
- D. 5

16

What is the positive solution to the equation $x^2 - 7x - 18 = 0$?

- A. 2
- B. 6
- C. 9
- D. 18

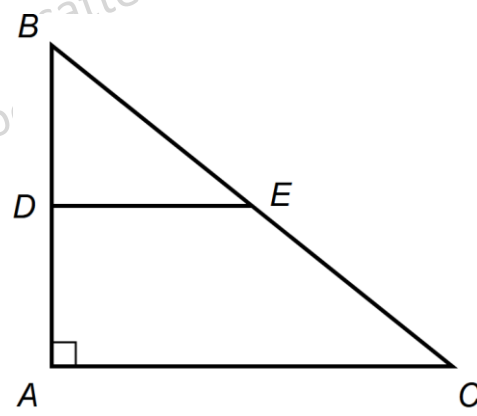
17

$$2x - 2y = 8$$

$$-3y = 18$$

The solution to the given system of equations is (x, y) . What is the value of x ?

18



Note: Figure not drawn to scale.

In triangle ABC , DE is parallel to AC , $BD = AD$, $BE = 9$, and $AC = 8$. What is the length of BC ?

- A. 72
- B. 18
- C. 17
- D. 16

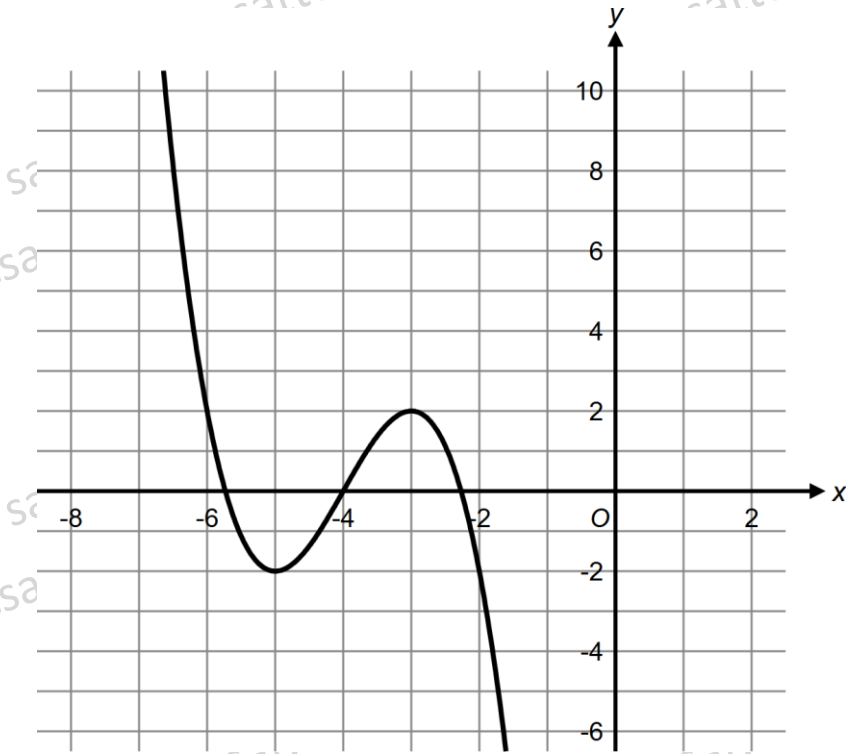
19

x	y
-4	11
0	12
8	14

The table shows three values of x and their corresponding values of y . There is a linear relationship between x and y . Which of the following equations represents this relationship?

- A. $y = \frac{1}{4}x + 12$
- B. $y = \frac{1}{12}x + 4$
- C. $y = 4x + 12$
- D. $y = 12x + 4$

20



The graph of the function f is shown, where $y = f(x)$. What is the value of $f(-3)$?

- A. -5
- B. -3
- C. 0
- D. 2

21

$$y > 5x + 7$$

For which of the following tables are all the values of x and their corresponding values of y solutions to the given inequality?

A.

x	y
0	8
1	13
2	18

B.

x	y
0	7
1	12
2	17

C.

x	y
0	6
1	11
2	16

D.

x	y
0	5
1	6
2	7

22

$$x^2 - \frac{25}{9} = 0$$

How many distinct real solutions does the given equation have?

- A. Zero
- B. Exactly one
- C. Exactly two
- D. Infinitely many

STOP

If you finish before time is called, you may check your work on this module only. Do not turn to any other module in the test.