ID: bd11fe93

Dr. Rocío Paola Caballero-Gill is a paleoceanographer. This means that Dr. Caballero-Gill doesn't just study oceans as they
are today. She uses chemistry and fossil evidence oceans as they were in the past.
Which choice completes the text so that it conforms to the conventions of Standard English?

- A. has studied
- B. to study
- C. studied
- D. studies

ID: 04bfd364

The intense pressure found in the deep ocean can affect the structure of proteins in fish's cells, distorting the proteins' shape. The chemical trimethylamine N-oxide (TMAO) counters this effect, ensuring that proteins retain their original _____ is found in high concentrations in the cells of the deepest-dwelling fish.

- A. configurations. TMAO
- B. configurations TMAO
- C. configurations, TMAO
- D. configurations and TMAO

ID: dbd78791

Led by Syrian American astronomer Shadia Habbal, the Solar Wind Sherpas are an intrepid team of scientists who travel the
globe to study solar winds, the streams of particles emanating from the Sun that are only visible from certain locations
during a total solar eclipse. When such an eclipse is imminent, the Sherpas pack up their telescopes and ready.

- A. get
- B. had gotten
- C. got
- D. were getting

ID: e38b3e4f

The radiation that _____ during the decay of radioactive atomic nuclei is known as gamma radiation.

- A. occurs
- B. have occurred
- C. occur
- D. are occurring

ID: 4c9a2aee

Wanda Diaz-Merced is an astrophysicist who lost her sight when she was young. Diaz-Merced's condition inspired her to develop software that can translate scientific data into sound. Sound-based tools _____ scientists to detect subtle patterns in data. Such patterns may not be evident in traditional graphs.

- A. has enabled
- B. enable
- C. is enabling
- D. enables

ID: 35360da9

The US Geological Survey wants to map every human-made structure in the United States, and it is asking volunteers to help. Cassie Tammy Wang and Ashish D'Souza are just two of the many volunteer map editors who _____ to the project since it began in 2012.

- A. contribute
- B. will contribute
- C. have contributed
- D. will be contributing

ID: 77bf77cd

Farouk El-Baz, a geologist and space scientist,	part of the team that selected the lunar landing sites for the Apollo
program during the 1960s and 1970s.	

- A. are
- B. was
- C. have been
- D. were

ID: 843f92af

The sun never sets during the Arctic summer in the Far North. In response, reindeer in this region must change their sleep
nabits. Instead of resting when it gets dark, they rest when they need their food.
Which choice completes the text so that it conforms to the conventions of Standard English?

- A. digest
- B. will digest
- C. to digest
- D. digesting

ID: 3580533b

In recent years, economists around the world have created new tools that quantify the overall well-being of a country's citizens. Economists in India, for example, use an Ease of Living Index. This tool _____ economic potential, sustainability, and citizens' quality of life.

- A. measures
- B. had measured
- C. would have measured
- D. will have been measuring

ID: 898f182c

Richard Spikes was a prolific African American inver	ntor known for his contributions to automotive engineering. Between
1907 and 1946, he patented many inventions,	an automobile turn signal, a safety brake, and—most famously—the first
automatic gearshift.	

- A. included
- B. includes
- C. including
- D. will include

ID: 1d971f75

Photographer Ansel Adams's landscape portraits are iconic pieces of American art. However, many of the _____ of landscapes were intended not as art but as marketing; a concessions company at Yosemite National Park had hired Adams to take pictures of the park for restaurant menus and brochures.

- A. photographer's early photo's
- B. photographers early photo's
- C. photographer's early photos
- D. photographers early photos

ID: a1e0c981

In her bool	<i>The Woman</i>	Warrior: Me	emoirs of a (Girlhood Am	ong Ghosts,	author Max	ine Hong Ki	ngston ex	xamines the	emes
chile	dhood, woman	hood, and	Chinese Am	erican ident	ity by intertw	ining autob	iography an	d mytholo	ogy.	

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

A. of:

B. of

C. of—

D. of,

ID: b7363ba2

Mathematician and meteorologist Edward Lorenz used the metaphor of the "butterfly effect" to explain how seemingly minor events can have major impacts on future weather. According to Lorenz's metaphor, the wind from a butterfly flapping _____ in Brazil might eventually grow into a storm elsewhere across the globe.

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

- A. its wings
- B. its wings'
- C. it's wing's
- D. it's wings'

ID: f40ca576

Each year in the fall, when the weather starts to cool in the northern hemisphe	ere, millions of North American monarch
butterflies journey south. Searching for food and warmer habitats, they	thousands of miles—from as far north as
Canada all the way down to Mexico—on this annual migration.	

- A. flew
- B. were flying
- C. had flown
- D. fly

ID: a466679a

In 1976, the Inuit rock group Sikumiut recorded the album <i>People of the Ice</i> . Though only their first record, it shows a band
already skilled at the difficult task of making music that sounds easy and fun. On songs like "Utirumavunga," Lucassie
Koperqualuk's guitar riffs effortlessly Charlie Adams's delightfully catchy vocal melodies.

- A. blend, with
- B. blend. With
- C. blend; with
- D. blend with

ID: e2759b92

D. was

Occupying a significant part of modern-day Nigeria, the Kingdom of Benin was one of the major powers in West Africa
petween the thirteenth and nineteenth centuries. It ruled by Oba Ewuare I from 1440 to 1473.
Which choice completes the text so that it conforms to the conventions of Standard English?
which choice completes the text so that it comorms to the conventions of Standard English:
A. is
B. will be
C. has been

ID: 31362d2d

If simple sugars such as ribose and glycolaldehyde	_ Earth from elsewhere and survived impact—a possibility
astrophysicist Nicolle Zellner outlined in a 2020 study—th	e sugars could have reacted with other molecules that were already
present on the planet to form the nucleotides that are the	structural components of RNA and DNA.

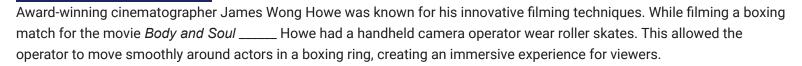
- A. reach
- B. had reached
- C. will reach
- D. are reaching

ID: 0ff8477b

Food and the sensation of taste are central to Monique Truong's novels. In *The Book of Salt*, for example, the exiled character of Bình connects to his native Saigon through the food he prepares, while in *Bitter in the Mouth*, the character of Linda _____ a form of synesthesia whereby the words she hears evoke tastes.

- A. experienced
- B. had experienced
- C. experiences
- D. will be experiencing

ID: 91fbd59d



- A. (1947), and
- B. (1947),
- C. (1947) and
- D. (1947)

ID: f4fd123c

The African Games	es Co-production Market, one of over 180 annual international conferences supporting video game
development,	the growth of the African gaming industry by helping start-up studios in Africa find partners.

- A. promote
- B. are promoting
- C. promotes
- D. have promoted

ID: d47bb0a4

Objects ranging from the Kikkoman soy sauce bottle to the Yamaha VMAX motorcycle to the Komachi bullet train
designed by twentieth-century industrial designer Kenji Ekuan.

- A. was
- B. is
- C. has been
- D. were

ID: 7b950fc2

2000, Nora de Hoyos Comstock, herself an owner of a successful consulting firm, sought to increase Latina
epresentation in corporate founded Las Comadres para las Americas, an international community that for over two
ecades has served as a resource and information network for Latina business professionals.

- A. settings she
- B. settings, she
- C. settings and she
- D. settings. She

ID: fff4c7f4

American poet Emily Dickinson wrote many of her poems on scraps of paper, but she also took steps to collect these works.
From 1858 to around 1864, for example, she copied more than 800 of into forty homemade booklets (known as fascicles).
Which choice completes the text so that it conforms to the conventions of Standard English?

A. them

B. this

C. that

D. it

ID: 60713427

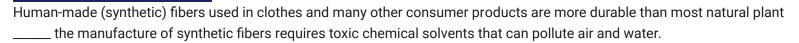
Polyphenols are organic compounds ultraviolet radiation from sunlight.	among their many roles, provide pigment that helps protect plants against
Which choice completes the text so that i	t conforms to the conventions of Standard English?
A. that—	
B. that;	
C. that,	
D. that:	

ID: 69f031ab

While exploring Nevada's Gypsu	m Cave in 1930, Seneca and Abenaki archaeologist Bertha Parker made her most famous
discovery: the skull of a now-ext	inct ground sloth (Nothrotheriops shastensis) alongside human-made tools. Parker's crucial
finding was the first huma	ans in North America as far back as 10,000 years ago.
Which choice completes the tex	t so that it conforms to the conventions of Standard English?
A 1	

- A. places
- B. placed
- C. place
- D. to place

ID: 148be4da



- A. fibers,
- B. fibers but
- C. fibers
- D. fibers, but

ID: 7c48a6dd

In the late 1960s, inspired in part by the sight of laundry hanging on a clothesline, African American abstract painter Sam Gilliam began to create his iconic "Drape" paintings. He applied bold, saturated hues to large canvases and _____ them from ceilings or walls, causing the drooping fabric to cascade in dramatic loops and curves.

- A. to have suspended
- B. suspending
- C. to suspend
- D. suspended

ID: 1f39ab8b

In the novel *Things Fall Apart* by Chinua Achebe, Okonkwo is a leader of Umuofia (a fictional Nigerian clan) and takes pride in his culture's traditions. However, when the arrival of European missionaries brings changes to Umuofia, the novel asks a central question: How _____

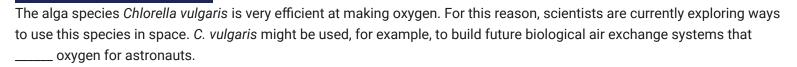
- A. Umuofia's traditions will be affected.
- B. will Umuofia's traditions be affected.
- C. Umuofia's traditions will be affected?
- D. will Umuofia's traditions be affected?

ID: dddfa043

Before the Erie Canal was completed in 1825, transporting goods by wagon between New York City and the Midwest took up to forty-five days and cost one hundred dollars per ton. By linking the Hudson River to Lake _____ canal reduced transport time to nine days and cut costs to six dollars per ton.

- A. Erie; the
- B. Erie (the
- C. Erie, the
- D. Erie: the

ID: 96e5da01



- A. are producing
- B. produced
- C. produce
- D. have produced

ID: 8a3998f1

After the United Kingdom began rolling out taxes equivale	ent to a few cents on single-use plastic grocery bags in 2011,
olastic-bag consumption decreased by up to ninety	taxes are subject to what economists call the "rebound effect": as
the change became normalized, plastic-bag use started to	o creep back up.

- A. percent, such
- B. percent and such
- C. percent. Such
- D. percent such

ID: b1e8b87f

Winding through the ice atop Norway's Jotunheim Mountains is the Lendbreen pass, an ancient route that was used by
nunters, farmers, traders, and travelers in the Middle Ages before eventually falling into disuse. Recently, archeologists have
knives, horseshoes, wool tunics, and thousands of other artifacts from the icy pass.

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

ID: 57998dd3

Obsidian is a kind of volcanic gla	ss formed when lava cools so quickly that the atoms inside it cannot arrange themselves in
a crystalline structure. You	_ more about obsidian's structure, which is classified as amorphous, in a later chapter.

- A. had learned
- B. had been learning
- C. will learn
- D. have learned

ID: d75d57a0

While many video game creators strive to make their graphics ever more	others look to the past, developing titles with
visuals inspired by the "8-bit" games of the 1980s and 1990s. (The term "8-bit" r	refers to a console whose processor could
only handle eight bits of data at once.)	

- A. lifelike but
- B. lifelike
- C. lifelike,
- D. lifelike, but

ID: 26c8c88c

About 70,000 meteorites have been found on Earth. Although most meteorites are fragments of _____ hundred have been identified as being from the Moon or Mars.

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

A. asteroids. Several

B. asteroids, several

C. asteroids; several

D. asteroids: several

ID: 0bcb4417

Oglala Lakota poet Layli Long Soldier's star quilt poems offer an unusually open-ended reading experience. With o	eight
panels of text stitched together in the shape of a traditional eight-pointed Lakota star quilt, the poems present viewers v	vith a
seemingly infinite number of ways to read them.	

- A. their
- B. it's
- C. they're
- D. its

ID: 36944347

Official measurements of the Mississippi River's length vary: according to the US Geologic Survey, the river is 2,300 miles long, whereas the Environmental Protection Agency records its length as 2,320 miles. This disparity can be explained in part by the fact that rivers such as the Mississippi expand and contract as ______ sediment.

- A. they accumulate
- B. one accumulates
- C. it accumulates
- D. we accumulate

ID: eef91a50

Nine months before Rosa Parks made history by refusing to comply with the segregated seating policy on a Montgomery, Alabama, bus, a fifteen-year-old Montgomery girl named Claudette Colvin was arrested for the same _____ to some historians, Colvin's arrest led to Parks's action and eventually to the desegregation of Montgomery's bus system.

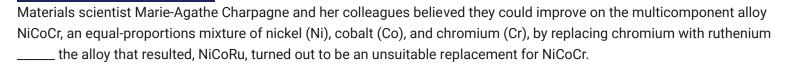
- A. offense. According
- B. offense, according
- C. offense according
- D. offense and according

ID: 67667d72

Humans were long th	lought to have begun occupying the Peruvian settlement of Machu Picchu between 1440 and 1450 CE.
However, a team led	by anthropologist Dr. Richard Burger used accelerator mass spectrometry to uncover evidence that it
was occupied	1420 CE, according to Burger, humans were likely inhabiting the area.

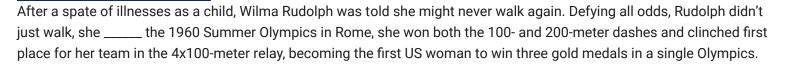
- A. earlier. In
- B. earlier, in
- C. earlier, which in
- D. earlier in

ID: b6560e5a



- A. (Ru)
- B. (Ru) but
- C. (Ru),
- D. (Ru), but

ID: 0f39b19c



- A. ran-fast-during
- B. ran-fast during
- C. ran-fast, during
- D. ran-fast. During

ID: c8607bdf

C. have evoked

D. evoke

"Praise Song for the Day," Elizabeth Alexander's 2009 inaugural poem, asserts that "We cross dirt roads and highwaysto see
what's on the other side." Alexander's use of "we" Americans' collective efforts and shared desire to seek new
opportunity.
Which choice completes the text so that it conforms to the conventions of Standard English?
A. evokes
B. are evoking

ID: 684b8bd2

Far from being modern inventions, _____ more than 5,000 years ago.

- A. Sumerians in ancient Mesopotamia used drinking straws
- B. drinking straws were used by Sumerians in ancient Mesopotamia
- C. the use of drinking straws by Sumerians in ancient Mesopotamia happened
- D. ancient Mesopotamia was home to Sumerians who used drinking straws

ID: d2cf0e11

ntor John Friedman created a prototype of the first flexible straw by inserting a screw into a paper straw and, using		
tal floss, binding the straw tightly around the When the floss and screw were removed, the resulting corrugations		
in the paper allowed the straw to bend easily over the edge of a glass.		
ch choice completes the text so that it conforms to the conventions of Standard English?		

- A. screw's thread's.
- B. screws' threads.
- C. screw's threads.
- D. screws threads'.

ID: e44db0a0

Because a cycle of lunar phases	29.5 days to complete, it's possible to observe two full moons in a single month, one
at the beginning and one at the end.	

- A. are taking
- B. have taken
- C. take
- D. takes

ID: c52652c9

The human brain is primed to recognize faces—so much so that, due to a perceptual tendency called pareidolia, will	
even find faces in clouds, wooden doors, pieces of fruit, and other faceless inanimate objects. Researcher Susan Magsam	ıen
has focused her work on better understanding this everyday phenomenon.	

- A. she
- B. they
- C. it
- D. those

ID: c101fc44

How do scientists determine what foods were eaten by extinct hominins such as Neanderthals? In the past, researchers	;
were limited to studying the marks found on the fossilized teeth of skeletons, but in 2017 a team led by Laura Weyrich of	f the
Australian Centre for Ancient DNA tried something the DNA found in Neanderthals' fossilized dental plaque.	

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

A. new: sequencing

B. new; sequencing

C. new, sequencing:

D. new. Sequencing

ID: cd2443c0

A pioneer in the field of taphonomy (the study of how organic remains become fossils), _____ may be just as prevalent in the fossil record as those of thick-shelled organisms.

- A. fossils of thin-shelled organisms, Anna Behrensmeyer demonstrated in a 2005 analysis,
- B. Anna Behrensmeyer demonstrated in a 2005 analysis that fossils of thin-shelled organisms
- C. it was demonstrated in a 2005 analysis by Anna Behrensmeyer that fossils of thin-shelled organisms
- D. a 2005 analysis—by Anna Behrensmeyer—demonstrated that fossils of thin-shelled organisms

ID: b0a525be

Santa Clara Pueblo artist Roxanne Swentzell's sculpture <i>Mud Woman Rolls On</i> consists of five human figures made of clar and plant fiber and arranged in descending size; each figure holds the smaller one in front of it. The arrangement of the figures, according to represents her idea that "we all come from the Earth, generation after generation."
Which choice completes the text so that it conforms to the conventions of Standard English?
A. Swentzell
B. Swentzell,
C. Swentzell:
D. Swentzell—

ID: 8d53e7a0

Slam poet Elizabeth Acevedo's debut novel *The Poet X*, winner of the 2018 National Book Award for Young People's Literature, is composed of _____ protagonist, fifteen-year-old Xiomara Batista.

- A. poems putatively written by the novel's
- B. poem's putatively written by the novel's
- C. poem's putatively written by the novels'
- D. poems putatively written by the novels'

ID: 6f08641e

On April 5, 1977, Kitty Cone and 150 other disability rights activists entered a San Francisco federal building. After pleading for years—to no effect—for the passage of key antidiscrimination legislation, _____ until their demands were addressed. Finally, on April 28, the legislation was signed.

- A. pressure on lawmakers increased when the activists staged a sit-in protest
- B. a sit-in protest staged by the activists increased pressure on lawmakers
- C. lawmakers came under increased pressure when the activists staged a sit-in protest
- D. the activists increased pressure on lawmakers by staging a sit-in protest

ID: b74f676f



- A. developing
- B. developed
- C. to develop
- D. having developed

ID: 40c3589d

Luci Tapahonso is the inaugural poet laureate of the Navajo Nation. Her book <i>Sáanii Dahataal/The Women Are Singing</i> —a combination of fiction and memoir, poetry and serves as a testament to her versatility as a writer.
Which choice completes the text so that it conforms to the conventions of Standard English?
A. prose;
B. prose
C. prose,
D. prose—

ID: aaa1907f

B. practice at the time;

C. practice, at the time,

D. practice at the time,

To serve local families during the Great Depress	sion, innovative New York City librarian Pura Belpré offered storytelling in both
English and Spanish, an uncommon cele	brated el Día de los Tres Reyes Magos, an important community holiday; and
put on puppet shows dramatizing Puerto Rican	folktales.
Which choice completes the text so that it conf	orms to the conventions of Standard English?

ID: 59094d87

The Tantaquidgeon Museum i	n Uncasville, Connecticut, was founded in 1931 with the goal of showcasing the culture and
history of the Mohegan	today, nearly a century later, it is the oldest Native-owned and -operated museum in the
country.	

- A. Tribe, and
- B. Tribe
- C. Tribe and
- D. Tribe,

ID: dfbf5d33

In 1453, English King Henry VI became unfit to rule after falling gravely ill. As a result, Parliament appointed Richard, Third Duke of York, who had a strong claim to the English throne, to rule as Lord Protector. Upon recovering two years later, ______ forcing an angered Richard from the royal court and precipitating a series of battles later known as the Wars of the Roses.

- A. Henry resumed his reign,
- B. the reign of Henry resumed,
- C. Henry's reign resumed,
- D. it was Henry who resumed his reign,

ID: ea0aa676

In the 1970s, Janaki Ammal, a prominent botanist, emerged as a powerful voice in India's environmental conservation
movement. Her exhaustive chromosomal survey of plants in Silent Valley, a pristine tropical forest in Kerala, India, that is
home to nearly 1,000 species of native flora (many of which are endangered), instrumental in the government's
decision to preserve the forest.

- A. are
- B. were
- C. have been
- D. was

ID: 73a6603c

On sunny days, dark rooftops absorb solar energy and convert it to unwanted heat, raising the surrounding air _____ a light-colored covering to an existing dark roof, either by attaching prefabricated reflective sheets or spraying on a paint-like coating, helps combat this effect.

- A. temperature; by adding
- B. temperature, adding
- C. temperature. Adding
- D. temperature by adding

ID: 960dec02

A recent study tracked the number of bee species present in twenty-seven New York apple orchards over a ten-year period.
_____ found that when wild growth near an orchard was cleared, the number of different bee species visiting the orchard decreased.

- A. Entomologist Heather Grab:
- B. Entomologist, Heather Grab,
- C. Entomologist Heather Grab
- D. Entomologist Heather Grab,

ID: d46ac7e7

A second-generation Japanese American, Wataru Misaka	in World War II (1941-45) and won two amateur national
basketball championships at the University of Utah when he join	ed the New York Knicks for the 1947-48 season, becoming
the first non-white basketball player in the US's top professional	league.

- A. already served
- B. was already serving
- C. already serves
- D. had already served

ID: fdb16e20

Quantum particles of light—photons—provide an unhackable means of transmitting encryption keys over networks, as attempts to observe particles in quantum states will invariably alter the particles _____ dismantle any information they transmit.

- A. and in the process,
- B. and, in the process,
- C. and in the process—
- D. and, in the process

ID: ba8ebf49

The poem *Beowulf* begins with the word "hwæt," which is an Old English _____ as "hark!" or "listen!" in some versions, the word was playfully rendered as "bro!" by Maria Dahvana Headley in her 2020 translation of the poem.

- A. exclamation, translated
- B. exclamation and translated
- C. exclamation translated
- D. exclamation. Translated

ID: 83898524

In addition to advocating for South America's independence in two political treatises, the Cartagena Manifesto and the Letter	
from Jamaica, Simón Bolívar personally led armies against the Spanish, liberating three South American territories—New	
Granada (present-day Colombia and Panama), Venezuela, and Quito (present-day from colonial rule.	
Which choice completes the text so that it conforms to the conventions of Standard English?	

- A. Ecuador,)
- B. Ecuador)
- C. Ecuador),
- D. Ecuador)—

ID: 790fc366

Using satellite remote sensing, Dr. Catherine Nakalembe, director of NASA's Harvest Africa initiative, gathers important data on crop health. Nakalembe doesn't just compile the _____ she also shares her findings with African farmers, enabling them to make data-driven decisions about managing critical food crops.

- A. information, though;
- B. information, though,
- C. information; though
- D. information though,

ID: 37e5c794

Despite being cheap, versatile, and easy to produce, _____ they are made from nonrenewable petroleum, and most do not biodegrade in landfills.

- A. there are two problems associated with commercial plastics:
- B. two problems are associated with commercial plastics:
- C. commercial plastics' two associated problems are that
- D. commercial plastics have two associated problems:

ID: 7ce4ee13

After immigrating from Mexico and obtaining U.S. citizenship, Octaviano Ambrosio Larrazolo entered politics, earning a reputation for being a fervent defender of Hispanic civil rights. In 1919 Larrazolo was elected governor of _____ in 1928 he became the nation's first Hispanic U.S. Senator.

- A. New Mexico and
- B. New Mexico,
- C. New Mexico, and
- D. New Mexico

ID: c91ef0f0

Ouring the American Civil War, Thomas Morris Chester braved the front lines as a war correspondent for the <i>Philadelphia</i>
Press. Amplifying the voices and experiences of Black soldiers of particular importance to Chester, who later became
n activist and lawyer during the postwar Reconstruction period.

- A. were
- B. have been
- C. are
- D. was

ID: a9e5b788

In discussing Mary Shelley's 1818 epistolary novel *Frankenstein*, literary theorist Gayatri Spivak directs the reader's attention to the character of Margaret Saville. As Spivak points out, Saville is not the protagonist of Shelley's _____ as the recipient of the letters that frame the book's narrative, she's the "occasion" of it.

Which choice completes the text so that it conforms to the co	onventions of Standard English?
---	---------------------------------

A. novel

B. novel,

C. novel; rather,

D. novel, rather,

ID: fba5d8d1

A. high. On

B. high on;

C. high on

D. high on:

In a 2016 study, Eastern Washington University psychologist Amani El-Alayli found that, among the study participants who
experienced frisson (a physiological response akin to goosebumps or getting the chills) while listening to music, there was
one personality trait that they scored particularly openness to experience.
Which choice completes the text so that it conforms to the conventions of Standard English?

ID: aab74a3b

Researcher Lin Zhi developed a process for increasing the tensile strength—measured in gigapascals, or GPa—of silkworm _____ dissolving and reweaving the silk in a solution of iron metal ions, zinc, and sugar, Zhi increased the amount of force required to stretch it from approximately 0.5 GPa to 2 GPa.

- A. silk, by
- B. silk by
- C. silk and by
- D. silk. By