

COMPANION WITH FAITH

Form, Structure, and Sense Questions



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

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

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

Additional Notes:

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

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

- 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:

Additional Notes:

3 -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.

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

- 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

Additional Notes:

4 - 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.

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

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

Additional Notes:

5 - 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’

Additional Notes:

6 - Bonnie Buratti of NASA's Jet Propulsion Laboratory _____ data about Saturn's rings collected by the *Cassini* spacecraft when she made an interesting discovery: the tiny moons embedded between and within Saturn's rings are shaped by the buildup of ring material on the moons' surfaces.

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

- A. studies
- B. has been studying
- C. will study
- D. was studying

Additional Notes:

7 - *Rabinal Achí* is a precolonial Maya dance drama performed annually in Rabinal, a town in the Guatemalan highlands. Based on events that occurred when Rabinal was a city-state ruled by a king, _____ had once been an ally of the king but was later captured while leading an invading force against him.

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

- A. *Rabinal Achí* tells the story of K'iche' Achí, a military leader who
- B. K'iche' Achí, the military leader in the story of *Rabinal Achí*,
- C. the military leader whose story is told in *Rabinal Achí*, K'iche' Achí,
- D. there was a military leader, K'iche' Achí, who in *Rabinal Achí*

Additional Notes:

8 - During the American Civil War, Thomas Morris Chester braved the front lines as a war correspondent for the *Philadelphia Press*. Amplifying the voices and experiences of Black soldiers _____ of particular importance to Chester, who later became an activist and lawyer during the postwar Reconstruction period.

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

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

Additional Notes:

9 - In 1903, environmentalist John Muir guided President Theodore Roosevelt on a scenic, sprawling trip through California's Yosemite Valley. Upon returning from the three-day excursion, Roosevelt _____ to conserve the nation's wilderness areas, a vow he upheld for his remaining six years in office.

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

- A. is vowing
- B. vowed
- C. will vow
- D. vows

Additional Notes:

10 - To survive when water is scarce, embryos inside African turquoise killifish eggs _____ a dormant state known as diapause. In this state, embryonic development is paused for as long as two years—longer than the life span of an adult killifish.

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

- A. enter
- B. to enter
- C. having entered
- D. entering

Additional Notes:

11 - In 1637, the price of tulips skyrocketed in Amsterdam, with single bulbs of rare varieties selling for up to the equivalent of \$200,000 in today's US dollars. Some historians _____ that this "tulip mania" was the first historical instance of an asset bubble, which occurs when investors drive prices to highs not supported by actual demand.

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

- A. claiming
- B. claim
- C. having claimed
- D. to claim

Additional Notes:

12 - Professional American football player Fred Cox invented one of the world's most popular toys. In the 1970s, he came up with the idea for the Nerf football, which _____ of the harder and heavier regulation football.

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

- A. were a smaller, foam version
- B. are smaller, foam versions
- C. were smaller, foam versions
- D. is a smaller, foam version

Additional Notes:

13 - Formed in 1967 to foster political and economic stability within the Asia-Pacific region, the Association of Southeast Asian Nations was originally made up of five members: Thailand, the Philippines, Singapore, Malaysia, and Indonesia. By the end of the 1990s, the organization _____ its initial membership.

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

- A. has doubled
- B. had doubled
- C. doubles
- D. will double

Additional Notes:

14 - Atoms in a synchrotron, a type of circular particle accelerator, travel faster and faster until they _____ a desired energy level, at which point they are diverted to collide with a target, smashing the atoms.

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

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

Additional Notes:

15 - 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.

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

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

Additional Notes:

16 - 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.

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

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

Additional Notes:

17 - 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.

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

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

Additional Notes:

18 - Obsidian is a kind of volcanic glass 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.

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

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

Additional Notes:

19 -The artistic talents of Barbara Chase-Riboud, most known for her 1979 historical novel *Sally Hemings* and the conversation it inspired, _____ limited to the realm of prose: she first excelled in sculpture, where her affinity for bronze—a material she described as “timeless” due to its use across eras and cultures—became part of her artistic identity.

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

A. hasn't been

B. wasn't

C. isn't

D. aren't

Additional Notes:

20 - Public-awareness campaigns about the need to reduce single-use plastics can be successful, says researcher Kim Borg of Monash University in Australia, when these campaigns give consumers a choice: for example, Japan achieved a 40 percent reduction in plastic-bag use after cashiers were instructed to ask customers whether _____ wanted a bag.

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

- A. they
- B. one
- C. you
- D. it

Additional Notes:

21 - Midway through her 1968 jazz album *A Monastic Trio*, Alice Coltrane switches instruments, swapping the piano for the harp. With the same fluid style that Coltrane was famous for on piano, she _____ her fingers across the harp strings and creates a radiant sound.

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

- A. sweep
- B. are sweeping
- C. were sweeping
- D. sweeps

Additional Notes:

22 - Working from an earlier discovery of Charpentier's, chemists Emmanuelle Charpentier and Jennifer Doudna—winners of the 2020 Nobel Prize in Chemistry—re-created and then reprogrammed the so-called “genetic scissors” of a species of DNA-cleaving bacteria _____ a tool that is revolutionizing the field of gene technology.

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

- A. to forge
- B. forging
- C. forged
- D. and forging

Additional Notes:

23 - 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.

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

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

Additional Notes:

24 - In the historical novel *The Surrender Tree*, Cuban American author Margarita Engle uses poetry rather than prose _____ the true story of Cuban folk hero Rosa La Bayamesa.

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

- A. tells
- B. told
- C. is telling
- D. to tell

Additional Notes:

25 -In assessing the films of Japanese director Akira Kurosawa, _____ have missed his equally deep engagement with Japanese artistic traditions such as Noh theater.

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

- A. many critics have focused on Kurosawa's use of Western literary sources but
- B. Kurosawa's use of Western literary sources has been the focus of many critics, who
- C. there are many critics who have focused on Kurosawa's use of Western literary sources, but they
- D. the focus of many critics has been on Kurosawa's use of Western literary sources; they

Additional Notes:

26 - Classical composer Florence Price's 1927 move to Chicago marked a turning point in her career. It was there that Price premiered her First Symphony—a piece that was praised for blending traditional Romantic motifs with aspects of Black folk music—and _____ supportive relationships with other Black artists.

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

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

Additional Notes:

27 -Like other amphibians, the wood frog (*Rana sylvatica*) is unable to generate its own heat, so during periods of subfreezing temperatures, it _____ by producing large amounts of glucose, a sugar that helps prevent damaging ice from forming inside its cells.

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

- A. had survived
- B. survived
- C. would survive
- D. survives

Additional Notes:

28 - While exploring Nevada's Gypsum Cave in 1930, Seneca and Abenaki archaeologist Bertha Parker made her most famous discovery: the skull of a now-extinct ground sloth (*Nothrotheriops shastensis*) alongside human-made tools. Parker's crucial finding was the first _____ humans in North America as far back as 10,000 years ago.

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

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

Additional Notes:

29 - The sun never sets during the Arctic summer in the Far North. In response, reindeer in this region must change their sleep habits. 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

Additional Notes:

30 - British scientists James Watson and Francis Crick won the Nobel Prize in part for their 1953 paper announcing the double helix structure of DNA, but it is misleading to say that Watson and Crick discovered the double helix. _____ findings were based on a famous X-ray image of DNA fibers, “Photo 51,” developed by X-ray crystallographer Rosalind Franklin and her graduate student Raymond Gosling.

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

- A. They’re
- B. It’s
- C. Their
- D. Its

Additional Notes:

31 - In the 1950s, a man named Joseph McVicker was struggling to keep his business afloat when his sister-in-law Kay Zufall advised him to repurpose the company's product, a nontoxic, clay-like substance for removing soot from wallpaper, as a modeling putty for kids. In addition, Zufall _____ selling the product under a child-friendly name: Play-Doh.

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

- A. suggested
- B. suggests
- C. had suggested
- D. was suggesting

Additional Notes:

32 -When they were first discovered in Australia in 1798, duck-billed, beaver-tailed platypuses so defied categorization that one scientist assigned them the name *Ornithorhynchus paradoxus*: “paradoxical bird-snout.” The animal, which lays eggs but also nurses _____ young with milk, has since been classified as belonging to the monotremes group.

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

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

Additional Notes:

33 - Known as Earth’s “living skin,” biocrusts are thin layers of soil held together by surface-dwelling microorganisms such as fungi, lichens, and cyanobacteria. Fortifying soil in arid ecosystems against erosion, _____

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

- A. a recent study’s estimate is that these crusts reduce global dust emissions by 60 percent each year.
- B. an estimated 60 percent reduction in global dust emissions each year is due to these crusts, according to a recent study.
- C. these crusts reduce global dust emissions by an estimated 60 percent each year, according to a recent study.
- D. a recent study has estimated that these crusts reduce global dust emissions by 60 percent each year.

Additional Notes:

34 - In order to prevent nonnative fish species from moving freely between the Mediterranean and Red Seas, marine biologist Bella Galil has proposed that a saline lock system be installed along the Suez Canal in Egypt's Great Bitter Lakes. The lock would increase the salinity of the lakes and _____ a natural barrier of water most marine creatures would be unable to cross.

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

- A. creates
- B. create
- C. creating
- D. created

Additional Notes:

35 - The African Games 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.

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

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

Additional Notes:

36 - In 1966, Emmett Ashford became the first African American to umpire a Major League Baseball game. His energetic gestures announcing when a player had struck out and his habit of barreling after a hit ball to see if it would land out of _____ transform the traditionally solemn umpire role into a dynamic one.

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

- A. bounds helped
- B. bounds, helping
- C. bounds that helped
- D. bounds to help

Additional Notes:

37 - The classic children's board game Chutes and Ladders is a version of an ancient Nepalese game, Paramapada Sopanapata. In both games, players encounter "good" or "bad" spaces while traveling along a path; landing on one of the good spaces _____ a player to skip ahead and arrive closer to the end goal.

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

- A. allows
- B. are allowing
- C. have allowed
- D. allow

Additional Notes:

38 - Literary agents estimate that more than half of all nonfiction books credited to a celebrity or other public figure are in fact written by ghostwriters, professional authors who are paid to write other _____ but whose names never appear on book covers.

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

- A. people's stories
- B. peoples story's
- C. peoples stories
- D. people's story's

Additional Notes:

39 - Based on genetic evidence, archaeologists have generally agreed that reindeer domestication began in the eleventh century CE. However, since uncovering fragments of a 2,000-year-old reindeer training harness in northern Siberia, _____ may have begun much earlier.

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

- A. researcher Robert Losey has argued that domestication
- B. researcher Robert Losey's argument is that domestication
- C. domestication, researcher Robert Losey has argued,
- D. the argument researcher Robert Losey has made is that domestication

Additional Notes:

40 - In the early twentieth century, Joseph Kekuku and other Hawaiian _____ in the mainland United States to the bright and lilting sound of the *kīkī kila*, or Hawaiian steel guitar. The instrument soon became a fixture in American blues and country music.

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

- A. musicians introduced audiences
- B. musicians' introduced audiences'
- C. musician's introduced audience's
- D. musicians' introduced audiences

Additional Notes:

41 - Ten of William Shakespeare's plays are classified as histories. Although each one of these plays, which include *Henry V* and *Richard III*, _____ on a single historical figure (specifically, an English king), some, such as *Henry VI Part One* and *Henry VI Part Two*, feature different episodes from the same monarch's life.

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

- A. focuses
- B. focus
- C. are focused
- D. were focused

Additional Notes:

42 - Smaller than poppy seeds, tardigrades are tiny, but they are tough. These minuscule animals can survive for thirty years without food or water, and _____ can withstand extreme temperatures as low as minus 328 degrees and as high as 304 degrees Fahrenheit.

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

A. that

B. it

C. they

D. he

Additional Notes:

43 - African American Percy Julian was a scientist and entrepreneur whose work helped people around the world to see. Named in 1999 as one of the greatest achievements by a US chemist in the past hundred years, _____ led to the first mass-produced treatment for glaucoma.

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

- A. Julian synthesized the alkaloid physostigmine in 1935; it
- B. in 1935 Julian synthesized the alkaloid physostigmine, which
- C. Julian's 1935 synthesis of the alkaloid physostigmine
- D. the alkaloid physostigmine was synthesized by Julian in 1935 and

Additional Notes:

44 - 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.

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

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

Additional Notes:

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

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

- 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

Additional Notes:

46 - Cheng Dang and her colleagues at the University of Washington recently ran simulations to determine the extent to which individual snow _____ affect the amount of light reflecting off a snowy surface.

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

- A. grain's physical properties'
- B. grains' physical properties
- C. grains' physical property's
- D. grains physical properties

Additional Notes:

47 - In his groundbreaking book *Bengali Harlem and the Lost Histories of South Asian America*, Vivek Bald uses newspaper articles, census records, ships' logs, and memoirs to tell the _____ who made New York City their home in the early twentieth century.

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

- A. story's of the South Asian immigrants
- B. story's of the South Asian immigrants'
- C. stories of the South Asian immigrants
- D. stories' of the South Asian immigrant's

Additional Notes:

48 - In the canon of North African literature, Moroccan author Driss Chraïbi's 1954 novel *The Simple Past* (*Le Passé simple*) looms large. A coming-of-age story, a social meditation, and a sober gaze into the dark maw of French colonialism, _____ interrogates systemic power with memorable intensity.

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

- A. Morocco gained its independence two years before the publication of Chraïbi's debut novel, which
- B. Chraïbi's debut novel, published two years before Morocco gained its independence,
- C. Chraïbi wrote a debut novel that, published two years before Morocco gained its independence,
- D. published two years before Morocco gained its independence, Chraïbi wrote a debut novel that

Additional Notes:

49 - When writing *The Other Black Girl* (2021), novelist Zakiya Dalila Harris drew on her own experiences working at a publishing office. The award-winning book is Harris's first novel, but her writing _____ honored before. At the age of twelve, she entered a contest to have a story published in *American Girl* magazine—and won.

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

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

Additional Notes:

50 - In winter, the diets of Japanese macaques, also known as snow monkeys, are influenced more by food availability than by food preference. Although the monkeys prefer to eat vegetation and land-dwelling invertebrates, those food sources may become unavailable because of extensive snow and ice cover, _____ the monkeys to hunt for marine animals in any streams that have not frozen over.

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

- A. forces
- B. to force
- C. forcing
- D. forced

Additional Notes:

51 - Planetary scientist Briony Horgan and her colleagues have determined that as much as 25 percent of the sand on Mars is composed of impact spherules. These spherical bits of glass form when asteroids collide with the planet, ejecting bits of molten rock into the atmosphere that, after cooling and solidifying into glass, _____ back onto Mars's surface.

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

- A. to rain
- B. raining
- C. having rained
- D. rain

Additional Notes:

52 - Compared to that of alumina glass, _____ silica glass atoms are so far apart that they are unable to re-form bonds after being separated.

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

- A. silica glass is at a significant disadvantage due to its more dispersed atomic arrangement:
- B. silica glass has a more dispersed atomic arrangement, resulting in a significant disadvantage:
- C. a significant disadvantage of silica glass is that its atomic arrangement is more dispersed:
- D. silica glass's atomic arrangement is more dispersed, resulting in a significant disadvantage:

Additional Notes:

53 - Food and the sensation of taste are central to Monique Truong's novels. In *The Book of Salt*, for example, the exiled character of Binh 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.

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

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

Additional Notes:

54 - Earth is not a perfect sphere. Due to the _____ gravitational pull, Earth bulges out on the sides closest to and farthest from the Moon. This distorting pull is known as a tidal force, and it is responsible for the changes in water levels that are called high and low tides.

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

- A. Moon's
- B. Moons
- C. Moons'
- D. Moon

Additional Notes:

55 - In Death Valley National Park's Racetrack Playa, a flat, dry lakebed, are 162 rocks—some weighing less than a pound but others almost 700 pounds—that move periodically from place to place, seemingly of their own volition. Racetrack-like trails in the _____ mysterious migration.

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

- A. playas sediment mark the rock's
- B. playa's sediment mark the rocks
- C. playa's sediment mark the rocks'
- D. playas' sediment mark the rocks'

Additional Notes:

56 - 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 Magsamen has focused her work on better understanding this everyday phenomenon.

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

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

Additional Notes:

57 - In 2016, engineer Vanessa Galvez oversaw the installation of 164 bioswales, vegetated channels designed to absorb and divert stormwater, along the streets of Queens, New York. By reducing the runoff flowing into city sewers, _____

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

- A. the mitigation of both street flooding and the resulting pollution of nearby waterways has been achieved by bioswales.
- B. the bioswales have mitigated both street flooding and the resulting pollution of nearby waterways.
- C. the bioswales' mitigation of both street flooding and the resulting pollution of nearby waterways has been achieved.
- D. both street flooding and the resulting pollution of nearby waterways have been mitigated by bioswales.

Additional Notes:

58 - 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.

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

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

Additional Notes:

59 - Richard Spikes was a prolific African American inventor 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.

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

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

Additional Notes:

60 - Even though bats prefer very sweet nectar, the plants that attract them have evolved to produce nectar that is only moderately sweet. A recent study _____ why: making sugar is energy-intensive, and it is more advantageous for plants to make a large amount of low-sugar nectar than a small amount of high-sugar nectar.

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

- A. explains
- B. explaining
- C. having explained
- D. to explain

Additional Notes:

61 - 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.

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

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

Additional Notes:

62 - 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.

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

- 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'

Additional Notes:

63 - Author Madeline L'Engle, _____ to create a suspenseful tone that draws the reader in, begins her novel *A Wrinkle in Time* with descriptions of “wraithlike shadows” and “the frenzied lashing of the wind.”

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

- A. looked
- B. looks
- C. is looking
- D. looking

Additional Notes:

64 - The Progressive Era in the United States witnessed the rise of numerous Black women's clubs, local organizations that advocated for racial and gender equality. Among the clubs' leaders _____ Josephine St. Pierre Ruffin, founder of the Women's Era Club of Boston.

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

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

Additional Notes:

65 - 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

Additional Notes:

66 - Scientists believe that, unlike most other species of barnacle, turtle barnacles (*Chelonibia testudinari*) can dissolve the cement-like secretions they use to attach _____ to a sea turtle shell, enabling the barnacles to move short distances across the shell's surface.

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

- A. it
- B. themselves
- C. them
- D. Itself

Additional Notes:

67 - Occupying a significant part of modern-day Nigeria, the Kingdom of Benin was one of the major powers in West Africa between 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?

- A. is
- B. will be
- C. has been
- D. was

Additional Notes:

68 -In the 2011 documentary *The Barber of Birmingham*, civil rights activist James Armstrong recounts how his barbershop in Birmingham, Alabama, _____ as a political hub for members of the Black community during the 1950s.

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

- A. serving
- B. having served
- C. served
- D. to serve

Additional Notes:

69 - Former First Lady of the United States Eleanor Roosevelt and Indian activist and educator Hansa Mehta were instrumental in drafting the United Nations' Universal Declaration of Human Rights, a document that _____ the basic freedoms to which all people are entitled.

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

- A. have outlined
- B. were outlining
- C. outlines
- D. outline

Additional Notes:

70 - In many of her landscape paintings from the 1970s and 1980s, Lebanese American artist Etel Adnan worked to capture the essence of California's fog-shrouded Mount Tamalpais region through abstraction, using splotches of color to represent the area's features. Interestingly, the triangle representing the mountain itself _____ among the few defined figures in her paintings.

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

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

Additional Notes:

71 - 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 joined the New York Knicks for the 1947-48 season, becoming the first non-white basketball player in the US's top professional league.

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

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

Additional Notes:

72 - In 1930, Japanese American artist Chiura Obata depicted the natural beauty of Yosemite National Park in two memorable woodcuts: *Evening at Carl Inn* and *Lake Basin in the High Sierra*. In 2019, _____ exhibited alongside 150 of Obata's other works in a single-artist show at the Smithsonian American Art Museum.

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

- A. it was
- B. they were
- C. this was
- D. some were

Additional Notes:

73 - If simple sugars such as ribose and glycolaldehyde _____ Earth from elsewhere and survived impact—a possibility astrophysicist Nicolle Zellner outlined in a 2020 study—the 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.

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

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

Additional Notes:

74 - Inventor John Friedman created a prototype of the first flexible straw by inserting a screw into a paper straw and, using dental 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.

Which 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'.

Additional Notes:

75 - 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.

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

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

Additional Notes:

76 - Each year in the fall, when the weather starts to cool in the northern hemisphere, 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.

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

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

Additional Notes:

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

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

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

Additional Notes:

78 - “Praise Song for the Day,” Elizabeth Alexander’s 2009 inaugural poem, asserts that “We cross dirt roads and highways...to 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
- C. have evoked
- D. evoke

Additional Notes:

79 - By the time Hawaiian king Kamehameha III _____ the throne, the number of longhorn cattle, first introduced to the islands in 1793, had drastically increased, and so too had the need for *paniolo* (Hawaiian cowboys) to manage the wild herds that then roamed throughout the volcanic terrain.

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

- A. ascended
- B. will ascend
- C. ascends
- D. is ascending

Additional Notes:

80 - 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.

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

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

Additional Notes:

81 - Nuhād al-Haddād, known as Fairuz, was one of the most beloved Lebanese singers of the twentieth century. Her broad singing repertoire—which included traditional forms, such as the Arabic *qasida* and *maqam*, alongside modern pop and jazz styles—lent Fairuz a timeless, cross-generational appeal, _____ her the moniker “the soul of Lebanon.”

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

- A. earned
- B. had earned
- C. earning
- D. earn

Additional Notes:

82 - Bengali author Toru Dutt's *A Sheaf Gleaned in French Fields* (1876), a volume of English translations of French poems, _____ scholars' understanding of the transnational and multilingual contexts in which Dutt lived and worked.

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

- A. has enhanced
- B. are enhancing
- C. have enhanced
- D. enhance

Additional Notes:

83 - If you try on one of artist Nick Cave's signature Soundsuits, you can expect to swish, rustle, or clang every time you move. Cave makes his suits out of found objects, everything from ceramic birds to broken record players. He carefully considers the sound an object makes before using _____ in a suit.

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

- A. this
- B. that
- C. these
- D. it

Additional Notes:

84 - In 1899, Swedish chemist Svante Arrhenius developed an equation to answer a long-standing question: why do chemical reactions speed up at higher temperatures? The Arrhenius equation, named for its creator, _____ an important concept in modern chemistry.

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

- A. have remained
- B. remain
- C. remains
- D. are remaining

Additional Notes:

85 - In 1994, almost 200 years after the death of Wang Zhenyi, the International Astronomical _____ the contributions of the barrier-breaking 18th-century astronomer and author of “Dispute of the Procession of the Equinoxes,” naming a crater on Venus after her.

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

- A. Union would finally acknowledge
- B. Union to finally acknowledge
- C. Union, having finally acknowledged
- D. Union, finally acknowledging

Additional Notes:

86 - In 2015, a team led by materials scientists Anirudha Sumant and Diana Berman succeeded in reducing the coefficient of friction (COF) between two surfaces to the lowest possible level—superlubricity. A nearly frictionless (and, as its name suggests, extremely slippery) state, _____

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

- A. when their COF drops below 0.01, two surfaces reach superlubricity.
- B. two surfaces, when their COF drops below 0.01, reach superlubricity.
- C. reaching superlubricity occurs when two surfaces' COF drops below 0.01.
- D. superlubricity is reached when two surfaces' COF drops below 0.01.

Additional Notes:

87 - The violins handmade in the seventeenth century by Italian craftsman Antonio Stradivari have been celebrated as some of the finest in the world. In close collaboration with musicians, Stradivari introduced changes to the shape of a traditional violin, flattening some of the instrument's curves and making _____ lighter overall.

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

- A. those
- B. one
- C. them
- D. it

Additional Notes:

88 - In his 1963 exhibition *Exposition of Music—Electronic Television*, Korean American artist Nam June Paik showed how television images could be manipulated to express an artist's perspective. Today, Paik _____ considered the first video artist.

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

- A. will be
- B. had been
- C. was
- D. is

Additional Notes:

89 - Known for her massive photorealistic paintings of African American figures floating or swimming in pools, Calida Garcia _____ was the logical choice to design the book cover for Ta-Nehisi Coates's *The Water Dancer*, a novel about an African American man who can travel great distances through water.

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

A. Rawles—

B. Rawles:

C. Rawles,

D. Rawles

Additional Notes:

90 -Researchers studying the “terra-cotta army,” the thousands of life-size statues of warriors found interred near the tomb of Emperor Qin Shi Huang of China, were shocked to realize that the shape of each statue’s ears, like the shape of each person’s ears, _____ unique.

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

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

Additional Notes:

91 - A member of the Cherokee Nation, Mary Golda Ross is renowned for her contributions to NASA's Planetary Flight Handbook, which _____ detailed mathematical guidance for missions to Mars and Venus.

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

- A. provided
- B. having provided
- C. to provide
- D. providing

Additional Notes:

92 - 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.

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

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

Additional Notes:

93 -Botanists recognize over fifty different species of sunflower. One species, the silverleaf sunflower, _____ both an early-flowering ecotype that tends to grow in coastal areas and a late-flowering ecotype that grows inland.

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

- A. having included
- B. including
- C. to include
- D. includes

Additional Notes:

94 - In 1990, California native and researcher Ellen Ochoa left her position as chief of the Intelligent Systems Technology Branch at a NASA research center _____ the space agency's astronaut training program.

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

- A. to join
- B. is joining
- C. joined
- D. joins

Additional Notes:

95 - Why are Rome's famous concrete structures, such as the Colosseum, still standing after 2,000-plus years, when modern concrete may not even last for fifty?

Scientists _____ that the secret to Roman concrete's durability was its unique blend of ingredients, which included volcanic ash and seawater.

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

- A. explain
- B. having explained
- C. explaining
- D. to explain

Additional Notes:

96 - A model created by biologist Luis Valente predicts that the rate of speciation—the rate at which new species form—on an isolated island located approximately 5,000 kilometers from the nearest mainland _____ triple the rate of speciation on an island only 500 kilometers from the mainland.

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

- A. being
- B. to be
- C. to have been
- D. will be

Additional Notes:

97 - For thousands of years, people in the Americas _____ the bottle gourd, a large bitter fruit with a thick rind, to make bottles, other types of containers, and even musical instruments. Oddly, there is no evidence that any type of bottle gourd is native to the Western Hemisphere; either the fruit or its seeds must have somehow been carried from Asia or Africa.

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

- A. to use
- B. have used
- C. having used
- D. using

Additional Notes:

98 - In 1881, French chemist Camille Faure redesigned the rechargeable lead-acid battery. Faure's design greatly increased the amount of electricity that the original battery, which the French physicist Gaston Planté _____ fifteen years earlier, could hold.

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

- A. is inventing
- B. will invent
- C. invents
- D. had invented

Additional Notes:

99 - 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.

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

- 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

Additional Notes:

100 - 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.

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

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

Additional Notes:

101 - The alga species *Chlorella vulgaris* is very efficient at making oxygen. For this reason, scientists are currently exploring ways to use this species in space. *C. vulgaris* might be used, for example, to build future biological air exchange systems that _____ oxygen for astronauts.

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

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

Additional Notes:

102 - With its towering, six-spired exterior of granitelike quartz monzonite, the Salt Lake Temple is one of the most instantly recognizable structures in the state of Utah. However, many people do not know that _____ built over the course of forty years, with construction beginning in 1853 and ending in 1893.

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

- A. it was
- B. one was
- C. they were
- D. both were

Additional Notes:

103 - After winning the 1860 presidential election, Abraham Lincoln appointed Edward Bates, Salmon P. Chase, and William H. Seward to his cabinet. Lincoln's decision was surprising, since each of these men had run against him, but historians have praised it, noting that Lincoln _____ his rivals' diverse talents to strengthen his administration.

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

- A. has leveraged
- B. is leveraging
- C. will leverage
- D. leveraged

Additional Notes:

104 - 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

Additional Notes:
