

The following text is adapted from Nathaniel Hawthorne's 1837 story "Dr. Heidegger's Experiment." The main character, a physician, is experimenting with rehydrating a dried flower.

At first [the rose] lay lightly on the surface of the fluid, appearing to imbibe none of its moisture. Soon, however, a singular change began to be visible. The crushed and dried petals stirred and assumed a deepening tinge of crimson, as if the flower were reviving from a deathlike slumber.

As used in the text, what does the phrase "a singular" most nearly mean?

- A. A lonely
- B. A disagreeable
- C. An acceptable
- D. An extraordinary

During a 2014 archaeological dig in Spain, Vicente Lull and his team uncovered the skeleton of a woman from El Algar, an Early Bronze Age society, buried with valuable objects signaling a high position of power. This finding may persuade researchers who have argued that Bronze Age societies were ruled by men to _____ that women may have also held leadership roles.

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

- A. waive
- B. concede
- C. refute
- D. require

The following text is adapted from Nathaniel Hawthorne's 1844 short story "Drowne's Wooden Image." Drowne, a young man, is carving a wooden figure to decorate the front of a ship.

Day by day, the work assumed greater precision, and settled its irregular and misty outline into distincter grace and beauty. The general design was now obvious to the common eye.

As used in the text, what does the word "assumed" most nearly mean?

- A. Acquired
- B. Acknowledged
- C. Imitated
- D. Speculated

Although science fiction was dominated mostly by white male authors when Octavia Butler, a Black woman, began writing, she did not view the genre as _____. Butler broke into the field with the publication of several short stories and her 1976 novel *Patternmaster*, and she later became the first science fiction writer to win a prestigious MacArthur Fellowship.

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

- A. legitimate
- B. impenetrable
- C. compelling
- D. indecipherable

The work of molecular biophysicist Enrique M. De La Cruz is known for _____ traditional boundaries between academic disciplines. The university laboratory that De La Cruz runs includes engineers, biologists, chemists, and physicists, and the research the lab produces makes use of insights and techniques from all those fields.

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

- A. epitomizing
- B. transcending
- C. anticipating
- D. reinforcing

In *Nature Poem* (2017), Kumeyaay poet Tommy Pico portrays his _____ the natural world by honoring the centrality of nature within his tribe's traditional beliefs while simultaneously expressing his distaste for being in wilderness settings himself.

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

- A. responsiveness to
- B. ambivalence toward
- C. renunciation of
- D. mastery over

The following text is from F. Scott Fitzgerald's 1925 novel *The Great Gatsby*.

[Jay Gatsby] was balancing himself on the dashboard of his car with that resourcefulness of movement that is so peculiarly American—that comes, I suppose, with the absence of lifting work in youth and, even more, with the formless grace of our nervous, sporadic games. This quality was continually breaking through his punctilious manner in the shape of restlessness.

As used in the text, what does the word "quality" most nearly mean?

- A. Standard
- B. Prestige
- C. Characteristic
- D. Accomplishment

To develop a method for measuring snow depth with laser beams, NASA physicist Yongxiang Hu relied on ____; identifying broad similarities between two seemingly different phenomena, Hu used information about how ants move inside colonies to calculate how the particles of light that make up laser beams travel through snow.

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

- A. a collaboration
- B. an accessory
- C. a contradiction
- D. an analogy

A journalist and well-respected art critic of nineteenth-century Britain, Lady Elizabeth Rigby Eastlake did not hesitate to publish reviews that went against popular opinion. One of her most divisive works was an essay questioning the idea of photography as an emerging medium for fine art: in the essay, Eastlake _____ that the value of photographs was informational rather than creative.

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

- A. exposed
- B. asserted
- C. discovered
- D. doubted

Stephen Hannock's luminous landscape paintings are appealing to viewers but have elicited little commentary from contemporary critics, a phenomenon that may be due to the very fact that the paintings seem so _____. Many critics focus their attention on art that is cryptic or overtly challenging.

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

- A. innovative
- B. subversive
- C. profound
- D. accessible

Bicycle sharing systems allow users to rent a bicycle at one location within a city and return it to any other designated location in that city, which can cause serious problems of bicycle supply and user demand within the city's system. Tohru Ikeguchi uses open-source data and statistical modeling to identify when a high number of users making one-way trips is likely to leave some locations within the system _____ bicycles and other areas with insufficient supply.

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

- A. susceptible to
- B. contingent on
- C. saturated with
- D. depleted of

In the Indigenous intercropping system known as the Three Sisters, maize, squash, and beans form an _____ web of relations: maize provides the structure on which the bean vines grow; the squash vines cover the soil, discouraging competition from weeds; and the beans aid their two "sisters" by enriching the soil with essential nitrogen.

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

- A. indecipherable
- B. ornamental
- C. obscure
- D. intricate

In 2008 a complete set of ancient *pessoi* (glass game pieces) was uncovered from beneath a paving stone in modern-day Israel. Due to their small size, *pessoi* were easily misplaced, making a whole set a rare find. This has led some experts to suggest that the set may have been buried intentionally; however, without clear evidence, archaeologists are left to _____ what happened.

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

- A. speculate about
- B. dismiss
- C. expand on
- D. catalog

Some researchers believe that the genes that enable groundhogs and certain other mammals to hibernate through the winter by slowing their breathing and heart rates and lowering their body temperature may be _____ in humans: present yet having essentially no effect on our bodily processes.

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

- A. decisive
- B. lacking
- C. variable
- D. dormant

The following text is adapted from Zora Neale Hurston's 1921 short story "John Redding Goes to Sea." John wants to travel far beyond the village where he lives near his mother, Matty.

[John] had on several occasions attempted to reconcile his mother to the notion, but found it a difficult task. Matty always took refuge in self-pity and tears. Her son's desires were incomprehensible to her, that was all.

As used in the text, what does the phrase "reconcile his mother to" most nearly mean?

- A. Get his mother to accept
- B. Get his mother to apologize for
- C. Get his mother to match
- D. Get his mother to reunite with

Like the 1945 play it reimagines—Federico García Lorca’s *The House of Bernarda Alba*—Marcus Gardley’s 2014 play *The House That Will Not Stand* prominently features women. In both plays, the all-female cast _____ an array of female characters, including a strong mother and several daughters dealing with individual struggles.

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

- A. engulfs
- B. encourages
- C. comprises
- D. provokes

Handedness, a preferential use of either the right or left hand, typically is easy to observe in humans. Because this trait is present but less _____ in many other animals, animal-behavior researchers often employ tasks specially designed to reveal individual animals' preferences for a certain hand or paw.

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

- A. recognizable
- B. intriguing
- C. significant
- D. useful

The following text is adapted from Karel Čapek's 1920 play *R.U.R. (Rossum's Universal Robots)*, translated by Paul Selver and Nigel Playfair in 1923. Fabry and Busman are telling Miss Glory why their company manufactures robots.

FABRY: One Robot can replace two and a half *workmen*. The human machine, Miss Glory, was terribly *imperfect*. It had to be removed sooner or later.

BUSMAN: It was too expensive.

FABRY: It was not *effective*. It no longer answers the requirements of *modern engineering*. Nature has no idea of keeping pace with *modern labor*.

As used in the text, what does the word "answers" most nearly mean?

- A. Explains
- B. Rebuts
- C. Defends
- D. Fulfills

Business researcher Melanie Brucks and colleagues found that remote video conference meetings may be less conducive to brainstorming than in-person meetings are. The researchers suspect that video meeting participants are focused on staring at the speaker on the screen and don't allow their eyes or mind to wander as much, which may ultimately _____ creativity.

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

- A. recommend
- B. criticize
- C. impede
- D. construct

Set in a world where science fiction tropes exist as everyday realities, Charles Yu's 2010 novel *How to Live Safely in a Science Fictional Universe* traces a time traveler's quest to find his father. Because the journey at the novel's center is so _____, with the protagonist ricocheting chaotically across time, the reader often wonders whether the pair will ever be reunited.

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

- A. haphazard
- B. premeditated
- C. inspirational
- D. fruitless

Mineralogical differences are detectable in samples collected from two locations on the near-Earth asteroid Ryugu, but such differences may not indicate substantial compositional variations in the asteroid. Cosmochemist Kazuhide Nagashima and colleagues note that at the small scale of the samples, the distribution of minerals is unlikely to be _____.

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

- A. neglected
- B. redundant
- C. ongoing
- D. uniform

Interruptions in the supply chain for microchips used in personal electronics have challenged an economist's assertion that retailers can expect robust growth in sales of those devices in the coming months. The delays are unlikely to _____ her projection entirely but will almost certainly extend its time frame.

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

- A. dispute
- B. withdraw
- C. underscore
- D. invalidate

In addition to being an accomplished psychologist himself, Francis Cecil Sumner was a _____ increasing the opportunity for Black students to study psychology, helping to found the psychology department at Howard University, a historically Black university, in 1930.

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

- A. proponent of
- B. supplement to
- C. beneficiary of
- D. distraction for

In a 2019 study, Jeremy Gunawardena and colleagues found that the single-celled protozoan *Stentor roeseli* not only uses strategies to escape irritating stimuli but also switches strategies when one fails. This evidence of protozoans sophisticatedly “changing their minds” demonstrates that single-celled organisms may not be limited to _____ behaviors.

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

- A. aggressive
- B. rudimentary
- C. evolving
- D. advantageous

Novelist N. K. Jemisin declines to _____ the conventions of the science fiction genre in which she writes, and she has suggested that her readers appreciate her work precisely because of this willingness to thwart expectations and avoid formulaic plots and themes.

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

- A. question
- B. react to
- C. perceive
- D. conform to

Rydra Wong, the protagonist of Samuel R. Delany's 1966 novel *Babel-17*, is a poet, an occupation which, in Delany's work, is not ____: nearly a dozen of the characters that populate his novels are poets or writers.

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

- A. infallible
- B. atypical
- C. lucrative
- D. tedious

For a 2020 exhibition, photographer and neurobiologist Okunola Jeyifous _____ a series of new images based on a series of alphabet posters from the 1970s known as the "Black ABCs," which featured Black children from Chicago. Jeyifous photographed the now-adult models and layered the photos over magnified images of the models' cells, resulting in what he called "micro and macro portraiture."

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

- A. validated
- B. created
- C. challenged
- D. restored

Diego Velázquez was the leading artist in the court of King Philip IV of Spain during the seventeenth century, but his influence was hardly _____ Spain: realist and impressionist painters around the world employed his techniques and echoed elements of his style.

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

- A. derived from
- B. recognized in
- C. confined to
- D. repressed by

The artisans of the Igun Eronmwon guild in Benin City, Nigeria, typically _____ the bronze- and brass-casting techniques that have been passed down through their families since the thirteenth century, but they don't strictly observe every tradition; for example, guild members now use air-conditioning motors instead of handheld bellows to help heat their forges.

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

- A. experiment with
- B. adhere to
- C. improve on
- D. grapple with