

SAT Reading & Writing

Transitions 2

Question # ID

- 2.1** a40c7aa3 Most of the planets that have been discovered outside our solar system orbit G-type stars, like our Sun. In 2014, _____ researchers identified a planet orbiting KELT-9, a B-type star more than twice as massive and nearly twice as hot as the Sun. Called KELT-9b, it is one of the hottest planets ever discovered.
- Which choice completes the text with the most logical transition?
- A. likewise,
 - B. however,
 - C. therefore,
 - D. for example,
- 2.2** a819d8b6 In 1873, Spanish scientist Santiago Ramón y Cajal observed that brain fibers have distinct boundaries with clear end points, a finding that went against earlier assumptions about the brain. _____ scientists had assumed that the brain was a continuous web of fused fibers, not a vast network of distinct, individual cells.
- Which choice completes the text with the most logical transition?
- A. However,
 - B. Previously,
 - C. As a result,
 - D. Likewise,
- 2.3** 326017ce For years, biologists have experimented with using grime-eating bacteria rather than harsh chemicals to clean artworks, and results have been impressive overall. _____ these bacterial strains—which can metabolize centuries' worth of oil, glue, dirt, and other surface impurities without creating harmful byproducts—have proven more effective than traditional chemical cleaning methods.
- Which choice completes the text with the most logical transition?
- A. However,
 - B. In many cases,
 - C. As a result,
 - D. Additionally,
- 2.4** 221ecf0f Alexander Lawrence Posey (1873–1908) varied his focus and tone depending on the genre in which he was writing. In his poetry, he used heartfelt language to evoke the beauty and peacefulness of his natural surroundings; in his journalism, _____ he employed humor and satire to comment on political issues affecting his Muskogee Creek community.
- Which choice completes the text with the most logical transition?
- A. that is,
 - B. granted,
 - C. similarly,
 - D. by contrast,
- 2.5** 97e2e364 Okot p'Bitek's poem *Song of Lawino* (1966) explores postcolonial Ugandan life through the eyes of a woman living in a rural village. With its vibrant imagery, bitingly satiric tone, and dexterous use of traditional Acholi song and phraseology, the poem inspired a generation of East African writers. _____ those who adopted its style are often referred to as Okot School poets.
- Which choice completes the text with the most logical transition?
- A. Nevertheless,
 - B. Fittingly,
 - C. By comparison,
 - D. Instead,

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- 2.6** 11df9b99 Because an achiral molecule is symmetrical, flipping it yields a structurally identical molecule. A flipped chiral molecule, _____ can be compared to a glove that has been turned inside out: it produces a structurally inverted molecule rather than an identical one.
- Which choice completes the text with the most logical transition?
- A. in other words,
 - B. by contrast,
 - C. for example,
 - D. similarly,
- 2.7** 30438650 Jhumpa Lahiri's story collection *Interpreter of Maladies* features multiple stories about romantic relationships. In "This Blessed House," newlyweds argue over whether to replace items left by the previous owners of their new home. _____ in "A Temporary Matter," a husband and wife attempt to rekindle their relationship during a four-night blackout.
- Which choice completes the text with the most logical transition?
- A. Granted,
 - B. For example,
 - C. Likewise,
 - D. Hence,
- 2.8** 388b45aa Establishing Coordinated Universal Time (UTC) is no easy task. Each month, readings of a single second from atomic clocks around the world are taken and sent to the International Bureau of Weights and Measures (BIPM) in France. _____ BIPM metrologists perform the meticulous work of assembling these minutely disparate readings into a globally shared time standard.
- Which choice completes the text with the most logical transition?
- A. There,
 - B. In particular,
 - C. For example,
 - D. Conversely,
- 2.9** 0c13dea9 The chemical trimethylamine N-oxide not only gives fish their fishy smell but also protects them from crushing hydrostatic pressure in deep waters. Trimethylamine N-oxide strengthens the bonds between water molecules in a fish's body. _____ these water molecules maintain their linked structure at extreme depths, thus preventing pressure-related damage.
- Which choice completes the text with the most logical transition?
- A. Nevertheless,
 - B. As a result,
 - C. However,
 - D. For instance,
- 2.10** eea351c4 "Wishcycling"—putting nonrecyclable items into recycling bins under the mistaken belief that those items can be recycled—ultimately does more harm than good. Nonrecyclable items, such as greasy pizza boxes, can contaminate recyclable materials, rendering entire batches unusable. _____ nonrecyclable products can damage recycling plants' machinery.
- Which choice completes the text with the most logical transition?
- A. Fittingly,
 - B. On the contrary,
 - C. Moreover,
 - D. Nevertheless,

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2.11 39d1a519 To discover which fruit varieties were grown in Italy's Umbria region before the introduction of industrial farming, botanist Isabella Dalla Ragione often turns to centuries-old lists of cooking ingredients. _____ she analyzes Renaissance paintings of Umbria, as they can provide accurate representations of fruits that were grown there long ago.

Which choice completes the text with the most logical transition?

- A. In sum,
- B. Instead,
- C. Thus,
- D. Additionally,

2.12 9e3a215b A 2022 study by researchers Hala Altamimi and Qiaozhen Liu investigated the relationship between nonprofit arts organizations' spending and performance. _____ the researchers examined the correlation between how much 22,328 US arts nonprofits spent on overhead—operational costs such as equipment and fundraising—and how many people attended their events (a measure of overall success).

Which choice completes the text with the most logical transition?

- A. Thus,
- B. In addition,
- C. By comparison,
- D. Specifically,

2.13 25361ec6 Scientists long debated the origins of chondrules, tiny glass beads that formed in meteors billions of years ago. For decades, different theories were proposed, from lightning strikes to powerful rock collisions, but none had sufficient evidentiary support. _____ scientists found strong evidence that chondrules were formed by shock waves in nearby nebulae.

Which choice completes the text with the most logical transition?

- A. For example,
- B. Therefore,
- C. Similarly,
- D. Finally,

2.14 17e49403 When, in the 1800s, geologists first realized that much of Earth had once been covered by great sheets of ice, some theorized that the phenomenon was cyclical, occurring at regular intervals. Each Ice Age is so destructive, though, that it largely erases the geological evidence of its predecessor. _____ geologists were unable to confirm the theory of cyclical Ice Ages until the 1960s.

Which choice completes the text with the most logical transition?

- A. Hence,
- B. Moreover,
- C. Nevertheless,
- D. Next,

2.15 7c3f0145 In a 2022 analysis of 200 terms, researchers found a broad pattern of valence-dependent mutation for which negative words saw a faster rate of cognate replacement—_____ the rate at which a word will be replaced over time with a noncognate form. Adjectives (e.g., "afraid") saw the largest effect; nouns (e.g., "attack"), meanwhile, saw the smallest.

Which choice completes the text with the most logical transition?

- A. for example,
- B. likewise,
- C. in addition,
- D. that is,

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- 2.16** f8c4591b With their distinctive cone shapes and steeply sloping sides, the volcanoes Hverfjall (Iceland) and Toliman (Guatemala) may look similar from afar. Tehnuka Ilanko and other volcanologists, _____ can tell by how each was formed that Hverfjall is a cinder cone volcano, while Toliman is a composite volcano.

Which choice completes the text with the most logical transition?

- A. for example,
- B. in addition,
- C. therefore,
- D. though,

- 2.17** 3fd0ab63 Voting members of the 2002 Latin Grammys were impressed by Banda Cuisillos's album *Puras Rancheras Con Cuisillos* and its contribution to the banda genre, a form of regional Mexican music featuring large ensembles of wind instruments and drums that first developed in southern and central Mexico in the mid-nineteenth century. _____ they awarded the group the Best Banda Album award.

Which choice completes the text with the most logical transition?

- A. In contrast,
- B. Meanwhile,
- C. Nevertheless,
- D. Accordingly,

- 2.18** cf11282b Scientists were able to isolate a relatively pure sample of selenium in 1817, the same year they first discovered the element's existence. _____ the isolation process took longer for molybdenum, which was isolated in its pure form three years after scientists first discovered it.

Which choice completes the text with the most logical transition?

- A. By contrast,
- B. Thus,
- C. Similarly,
- D. For instance,