

SAT Evidence Worksheet

Name: _____ Date: _____

Read each text and question. Circle the best answer based on the text.

1. A researcher claims that extending a museum's opening hours increases visits from people who work during the day.

Which finding, if true, would most directly support the claim?

- A. Visitors who came in the evening stayed longer than daytime visitors.
- B. In a survey, many daytime workers said they enjoy visiting museums.
- C. Total attendance rose during the months a popular exhibition was on view.
- D. After evening hours were added, visits by daytime workers increased.

2. A student argues that a character who says she dislikes attention nevertheless wants public recognition.

Which quotation from a story would best support the student's interpretation?

- A. She told her friends that she found crowds tiring.
- B. Though she declined to speak, she searched the next morning's newspaper for her name.
- C. She had won the town's essay prize two years earlier.
- D. She asked the organizers not to print her name.

3. In a classroom trial, students used either paper flashcards or a vocabulary app for the same amount of time. The table shows average quiz scores before and after practice. A teacher claims that the two groups had the same average score increase.

Practice method	Before (points)	After (points)
Paper flashcards	12	17
Vocabulary app	13	18

Which statement best supports the claim?

- A. Both groups improved by 5 points.
 - B. The app group finished with 18 points.
 - C. The paper group began with 12 points.
 - D. The app group had a higher final score.
4. A planner suggests that adding bicycle racks alone caused a rise in cycling to school.

Which finding would most directly weaken that explanation?

- A. Most of the new racks were full on weekday mornings.
- B. Students said the racks made it easier to lock their bicycles.
- C. A protected bicycle lane opened at the same time and connects many students' homes to the school.
- D. The racks were installed near the school's main entrance.

5. A team recorded seed germination in two equally sized groups. The team claims that a larger proportion of seeds germinated in Group A.

Group	Seeds planted	Seeds germinated
A	20	15
B	20	10

Which statement accurately uses the data to support the claim?

- A. Group A contained twice as many seeds as Group B.
 - B. 75% of Group A germinated, compared with 50% of Group B.
 - C. Both groups had a germination rate of 50%.
 - D. Group A had a germination rate of 15%.
6. An archivist argues that a handwritten notebook was used by several people rather than a single writer.

Which observation would most directly support the argument?

- A. The notebook's entries span more than twenty years.
 - B. The notebook was found in a house where a large family lived.
 - C. Many pages contain shopping lists.
 - D. The entries contain several consistently distinct handwriting styles, each associated with a different signed name.
7. A biologist predicts that a particular seed sprouts more often after exposure to light than when kept in darkness. Two groups receive the same water and temperature.

Which result would most directly support the prediction?

- A. Both groups contain seeds from the same plant.
- B. Seeds in the light-exposed group sprouted a day earlier on average.
- C. The light-exposed group has a higher germination rate than the dark group.
- D. Seedlings in the light-exposed group grew taller.

8. A student argues that a story's narrator admires a rival despite claiming to dislike her.

Which quotation would best support the interpretation?

- A. I told everyone that her style was careless and loud.
- B. The judges praised her work more than mine.
- C. I entered the contest mainly to defeat her.
- D. I spoke of her with irritation, yet kept every review that praised her remarkable work.

9. A researcher claims that an increase in recorded bicycle trips reflects a new tracking app rather than an increase in cycling itself.

Which finding would most directly support that explanation?

- A. An independent roadside counter recorded about the same bicycle traffic before and after the app launched.
- B. Many riders said they liked using the new app.
- C. Bicycle sales at local shops rose during the same period.
- D. Most recorded trips took place on weekday mornings.

10. A teacher claims that students in a practice group improved more than those in a comparison group. Mean scores increased from 50 to 68 in the practice group and from 52 to 61 in the comparison group.

Which statement uses the data to support the claim?

- A. The comparison group began two points higher.
- B. The practice group gained 18 points, while the comparison group gained 9.
- C. The practice group had a starting score of 50.
- D. Both groups had the same final score.

- 11.** An archaeologist argues that a room was used for weaving rather than for storing grain.

Which discovery would most directly support the argument?

- A. A few charred grains were found in a corner of the room.
- B. The room is larger than a nearby room.
- C. Numerous loom weights and traces of textile fibers were found together on its floor.
- D. Textile workshops were common in the region at the time.

- 12.** A researcher grew plants of two varieties under identical conditions, except that half the plants of each variety received a fertilizer. She concludes that the two varieties respond differently to the fertilizer.

Which result most directly supports the conclusion?

- A. Fertilized plants of both varieties grew taller than unfertilized plants.
- B. Both varieties were planted on the same day.
- C. The fertilizer came from one container.
- D. Fertilized plants were taller than unfertilized plants for Variety A, but not for Variety B.

Answer key

1 D · 2 B · 3 A · 4 C · 5 B · 6 D · 7 C · 8 D · 9 A · 10 B · 11 C · 12 D

1. D: After evening hours were added, visits by daytime workers increased.

The claim predicts more visits from daytime workers once the hours are extended, and only choice D reports that. Enjoying museums or staying longer is not visiting more, and a popular exhibition is a different reason for higher attendance.

2. B: Though she declined to speak, she searched the next morning's newspaper for her name.

She declined to speak but then looked for her name in the paper, which shows she wants recognition despite what she says. Choices A and D show only the dislike of attention she claims, and an earlier prize says nothing about what she wants.

3. A: Both groups improved by 5 points.

Subtracting before from after gives $17 - 12 = 5$ and $18 - 13 = 5$. Final scores alone do not establish equal gains.

4. C: A protected bicycle lane opened at the same time and connects many students' homes to the school.

The new lane is another possible cause of the increase, so the racks may not deserve all the credit. Full racks and students' praise for them fit the planner's view, and the racks' location says nothing about cause.

5. B: 75% of Group A germinated, compared with 50% of Group B.

$\frac{15}{20} = 75\%$, while $\frac{10}{20} = 50\%$. Equal initial group sizes make the comparison straightforward. The choices using 15% or unequal group sizes misread the counts.

6. D: The entries contain several consistently distinct handwriting styles, each associated with a different signed name.

Distinct handwriting tied to different signed names points to several writers. One person could have kept the notebook for twenty years, lived in a large household, or written shopping lists.

7. C: The light-exposed group has a higher germination rate than the dark group.

The prediction is about how often the seeds sprout, and a higher germination rate in light matches it. Sprouting sooner or growing taller is a different result, and seeds from the same plant are a control.

8. D: I spoke of her with irritation, yet kept every review that praised her remarkable work.

Keeping every review that praised her remarkable work shows admiration under the irritation. Criticizing her or wanting to beat her shows only rivalry, and the judges' praise is not the narrator's.

9. A: An independent roadside counter recorded about the same bicycle traffic before and after the app launched.

A roadside counter that doesn't depend on the app saw steady traffic, so the rise in app records likely came from better recording. Rising bicycle sales would point toward more cycling.

10. B: The practice group gained 18 points, while the comparison group gained 9.

The relevant comparison is the change: $68 - 50 = 18$ and $61 - 52 = 9$. Starting or final scores alone do not measure improvement.

11. C: Numerous loom weights and traces of textile fibers were found together on its floor.

Loom weights and textile fibers on the floor point to weaving in this room. Grains fit storage instead, and room size or regional habits don't show what this room was used for.

12. D: Fertilized plants were taller than unfertilized plants for Variety A, but not for Variety B.

Choice D shows the fertilizer changed one variety and not the other. Choice A says both varieties grew taller with it, which doesn't show a difference between them. Planting dates and fertilizer source are controls, not results.