

WRITING PROMPT #2

Perseverance is a steady effort to maintain a course of action, purpose, or belief, often in spite of difficulty. Write a speech for a school assembly about the meaning of perseverance as it applies to personal success. You may use the following information as well as your own experiences, observation, and/or readings.

The greatest glory in living lies not in never falling, but in rising every time you fall. Source: Nelson Mandela

Pain is temporary. It may last a minute, or an hour, or a day, or a year, but eventually it will subside and something else will take its place. If I quit, however, it lasts forever.

Source: Lance Armstrong

I would go and look at a stonecutter hammering away at his rock perhaps a hundred times without as much as a crack showing in it. Yet at the hundred and first blow it would split in two, and I knew it was not that blow that did it, but all that had gone before.

Source: Jacob A. Riis

Do not think of today's failures, but of the success that may come tomorrow. Remember no effort that we make to attain something beautiful is ever lost. Sometime, somewhere, somehow we shall find that which we seek.

Source: Helen Keller

It's not that I'm so smart; it's just that I stay with problems longer.

Source: Albert Einstein

If you run into a wall, don't turn around and give up. Figure out how to climb it, go through it, or work around it.

Source: Michael Jordan

As you write your speech, remember to

- Focus on the meaning of perseverance as it applies to personal success.
- Consider the purpose, audience and context of your speech.
- Organize your ideas logically and effectively.
- Include specific details that clearly develop your speech.
- Edit your speech for standard grammar and language usage

Write at least two pages.

Unit 4

ACT PRACTICE TEST
English, Reading, and Writing

Practice Test Answer Sheet

Fill in the circle completely for the answer choice you think is best.

English

- 1. (A) (B) (C) (D)
- 2. (F) (G) (H) (J)
- 3. (A) (B) (C) (D)

- 4. (F) (G) (H) (J)

Reading

- 1. (A) (B) (C) (D)

- 2. (F) (G) (H) (J)

- 3. (A) (B) (C) (D)

- 4. (F) (G) (H) (J)

English (4 Minutes—4 Questions)

DIRECTIONS: The following passage is divided into numbered sections. In each section, specific words and phrases are underlined. To the right of each section are several alternatives for the underlined text. In each case, choose the alternative that best expresses the idea that makes the text correct according to the conventions of standard written English, or that best fits the style and tone of the complete passage. If the original underlined text is better than any of the alternatives, choose “NO CHANGE.”

For each question, choose the best alternative and fill in the corresponding circle on the Answer Sheet. Read through the entire passage once before you begin answering the questions. Also be sure to read each numbered section in full before answering the corresponding question. Consider each underlined word or phrase within the context of the complete section.

Bessie Coleman

[1]

The children of enslaved workers, Bessie Coleman’s parents lived in Texas. They were poor and illiterate, and this at the time of Bessie’s birth in 1892. Bessie’s childhood was divided between work and study. A natural student, she proved adept at mathematics and

- 1. A. NO CHANGE
- B. They were poor and illiterate at the time of Bessie’s birth
- C. Bessie Coleman’s parents were poor and illiterate at the time of her birth
- D. they were poor and illiterate, this being the time of Bessie’s birth

reading. Bessie worked as a laundress until 1915, when Bessie moved to Chicago to live with her brother.²

[2]

In Chicago, Bessie sought after a means by which³ she could become a pilot. Bessie befriended Robert Abbott, publisher of an African-

American newspaper. She told Abbott that her⁴ dream was to learn to fly. He encouraged Bessie to study aviation abroad, where she would not be stifled by prejudice. She took his advice and traveled to France, the world's leader in aviation. There, Bessie earned an international pilot's license in 1921—becoming the first African American to do so. Over the next several years, Bessie mastered aerobatics and made a living as an exhibition pilot, performing aerial stunts for amazed crowds.

Reading (4 Minutes—4 Questions)

DIRECTIONS: The passage in this section is followed by several questions. Read the passage and then choose the best answer to each question. Fill in the corresponding circle on the Answer Sheet. Refer to the passage as much as needed while answering the questions.

FICTION: This passage is an excerpt from the novel *Nicholas Nickleby*, by Charles Dickens.

When you walk up this yard, you will see the booking-office on your left, and the tower of St Sepulchre's church, darting abruptly up into the sky, on your right, and a gallery of
5 bedrooms on both sides. Just before you, you will observe a long window with the words

2. F. NO CHANGE
G. Bessie moved to Chicago to live with Bessie's brother
H. she moved to Chicago to live with Bessie's brother
J. she moved to Chicago to live with her brother
3. A. NO CHANGE
B. In Chicago, Bessie looked after a means for which
C. In Chicago, Bessie sought a means by which
D. In Chicago, Bessie sought a way
4. F. NO CHANGE
G. She told Abbott her dream of flight.
H. She told Abbott that her dream was learning to fly.
J. She told Abbott that her dream of flying lessons.

“coffee-room” legibly painted above it; and looking out of that window, you would have seen in addition, if you had gone at the right
10 time, Mr Wackford Squeers with his hands in his pockets.

Mr Squeers's appearance was not prepossessing. He had but one eye, and the popular prejudice runs in favour of two. The

15 eye he had, was unquestionably useful, but
decidedly not ornamental: being of a greenish
grey, and in shape resembling the fan-light of
a street door. The blank side of his face was
much wrinkled and puckered up, which gave
20 him a very sinister appearance, especially
when he smiled... He was about two or three
and fifty, and a trifle below the middle size;
he wore a white neckerchief with long ends,
and a suit of scholastic black; but his coat
25 sleeves being a great deal too long, and his
trousers a great deal too short, he appeared ill
at ease in his clothes.

1. From what point of view is the passage told?
 - A. first-person
 - B. first-person and third-person
 - C. third-person limited
 - D. third-person omniscient
2. Which of the following best describes the mood, or atmosphere, of the excerpt?
 - F. brooding and haunting
 - G. casual and humorous
 - H. funny and daring
 - J. cautious and intimidating

3. Which statement best suggests the purpose of the first paragraph?
 - A. The narrator means to entertain the reader.
 - B. The narrator is trying to influence the reader's opinion about the story.
 - C. The narrator is providing details that describe the setting of the passage.
 - D. The narrator is establishing the traits of the main character.
4. Which might the word *prepossessing* mean in the following sentence: "Mr Squeers's appearance was not prepossessing."
 - F. humming
 - G. dull
 - H. attractive
 - J. garrulous

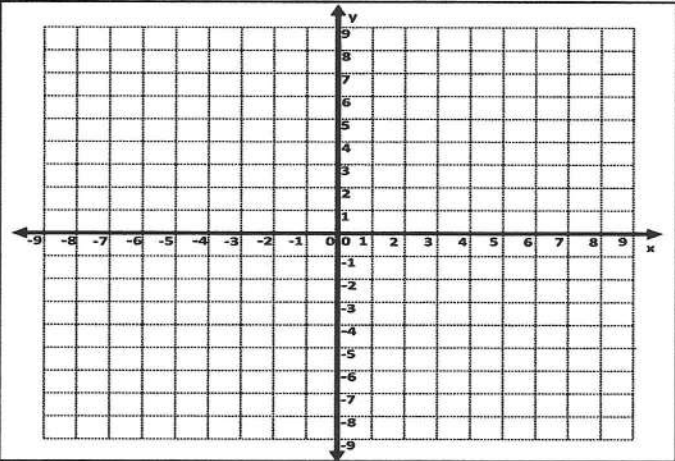
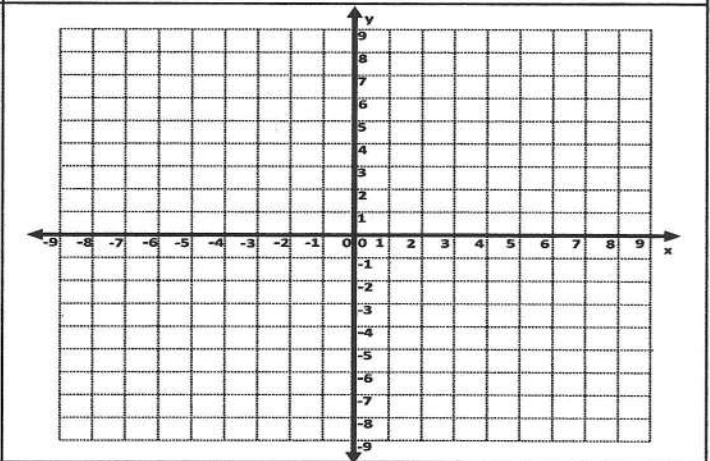
Writing (30 Minutes)

DIRECTIONS: Think carefully about the issue presented in the following excerpt and assignment below. You have 30 minutes to write your response to the prompt.

Every year, more and more manatees are injured or killed by fast-moving boats in the shallow waters of Florida's rivers and coastal areas. Although laws do exist to protect the manatee from hunting or harassment, these laws do nothing to alleviate accidental deaths caused by collisions with watercraft. Some people contest that the manatees should have the right of way in certain waters—that zones should be

instituted in heavily populated areas to disallow boat traffic. Critics say that boating restrictions would have a terrible effect on the tourism and recreation industry, especially in the winter months when the manatee population is highest.

Should legislators set restrictions to promote welfare of the manatee or should they allow water vehicles to promote healthy local economies? In your essay, take a position on this question. You may write about either of the two viewpoints given, or you may provide a different viewpoint on this question. Use specific reasons and examples to support your position.

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Parallel Perpendicular Lines</p>	<p>Write an equation of the line that passes through the given point and is <u>parallel</u> to the given line. $(-4, -1)$, $y = \frac{4}{3}x + 6$</p>		<p>Write an equation of the line that passes through the given point and is <u>perpendicular</u> to the given line. $(3,3)$, $2y = 3x - 6$</p>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Solve Systems of Equations</p>	<p>Solve the system of equations using the Substitution Method. Write the solution as an ordered pair. Then graph the lines below. $x = -y - 4$ $3x + y = 6$</p>		<p>Solve the system of equations using the Elimination Method. Write the solutions as an ordered pair. Then graph the lines below. $5x + y = 4$ $6x - y = 7$</p>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Graph Systems of Equations</p>				
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Inequalities</p>	<p>Solve the inequality, then graph.</p> <p>$2x + 4 > 1 - 2x$ $-13b - 6 \leq 14b + 8$</p>			
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Word Problems</p>	<p>Write an equation of the line passing through the points $(4, 5)$ and $(2, 5)$.</p>	<p>Show your work!</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Geometric Sequence</p> <p>Write a rule for the n^{th} term, where a_1 is the first term and $r =$ common ratio. Then find a_n when $n = 5$ $24, 12, 6, 3 \dots n^{\text{th}}$ $a_n = a_1 r^{n-1}$</p>	
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Exponent Rules</p>	<p>Simplify the following expressions:</p> $\frac{4p^2q^5}{2p^2q^5}$			

Alternative Methods of Instruction

Day 2 Assignment

Science Grades 11-12

Name:

Directions:

After reading the passage, choose the best answer to each question. You may refer to the passage as often as necessary.

Passage II

In the fall, monarch butterflies (*Danaus plexippus*) in eastern North America migrate to Mexico, where they overwinter in high-altitude forests of *oyamel fir* (an ever-green conifer). The butterflies store (accumulate) body lipids to use as a source of energy at a later time. Consider the following 3 hypotheses pertaining to when the butterflies store lipids and when the energy from the stored lipids is used, with respect to migration and overwintering.

Hypothesis 1

Monarch butterflies require energy from stored lipids for migration and during the overwintering period. The butterflies first store lipids before they begin their migration. During migration, as stored lipids are converted to energy, lipid mass continuously decreases. When the butterflies reach the overwintering sites, ending their migration, they must store lipids again before beginning the overwintering period.

Hypothesis 2

Monarch butterflies require energy from stored lipids for migration but not during the overwintering period. The butterflies store lipids before they begin their migration. During migration, as stored lipids are converted to energy, lipid mass continuously decreases. Because energy from stored lipids is not required during the overwintering period, the butterflies do not store lipids while at the overwintering sites.

Hypothesis 3

Monarch butterflies require energy from stored lipids during the overwintering period but not for migration. The butterflies do not store lipids before they begin their migration. Instead, lipids are stored during migration; therefore, lipid mass continuously increases from the beginning of migration until the end of migration. The butterflies arrive at the overwintering sites with enough lipids to provide themselves with energy during the overwintering period, so they do not store lipids while at the overwintering sites.

8. Which hypothesis, if any, asserts that monarch butterflies store lipids during 2 distinct periods?

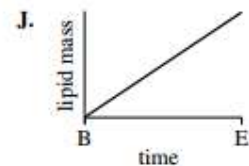
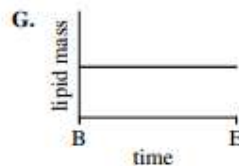
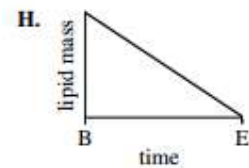
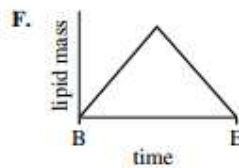
- F. Hypothesis 1
- G. Hypothesis 2
- H. Hypothesis 3
- J. None of the hypotheses

9. Which hypothesis, if any, asserts that monarch butterflies require energy from stored lipids neither for migration nor during the overwintering period?

- A. Hypothesis 1
- B. Hypothesis 2
- C. Hypothesis 3
- D. None of the hypotheses

10. Based on Hypothesis 3, which of the following figures best depicts the change in the lipid mass of a monarch butterfly from the beginning of migration to the end of migration?

(Note: In each figure, B represents the beginning of migration and E represents the end of migration.)



11. Assume that changes in the body mass of a monarch butterfly are caused only by changes in the mass of the butterfly's stored lipids. The statement "The percent of a monarch butterfly's body mass that is made up of lipids is greater at the beginning of migration than at the end of migration" is supported by which of the hypotheses?
- A. Hypothesis 1 only
 - B. Hypothesis 2 only
 - C. Hypotheses 1 and 2 only
 - D. Hypotheses 1, 2, and 3
12. To store lipids, monarch butterflies convert sugar from nectar they have consumed into lipids. A supporter of which hypothesis, if any, would be likely to claim that to ensure the butterflies can store lipids for the overwintering period, nectar must be present at the butterflies' overwintering sites?
- F. Hypothesis 1
 - G. Hypothesis 2
 - H. Hypothesis 3
 - J. None of the hypotheses
13. Which of the following statements about lipids in monarch butterflies is consistent with all 3 hypotheses?
- A. The butterflies' lipid masses do not change during the overwintering period.
 - B. The butterflies' lipid masses change during migration.
 - C. The butterflies use energy from stored lipids during the overwintering period.
 - D. The butterflies use energy from stored lipids for migration.
14. When the monarch butterflies use their stored lipids, the lipids must be broken down to produce energy-rich molecules that can be readily used by cells. Which of the following molecules is produced as a direct result of the breakdown of the lipids?
- F. ATP
 - G. Starch
 - H. DNA
 - J. Amino acids