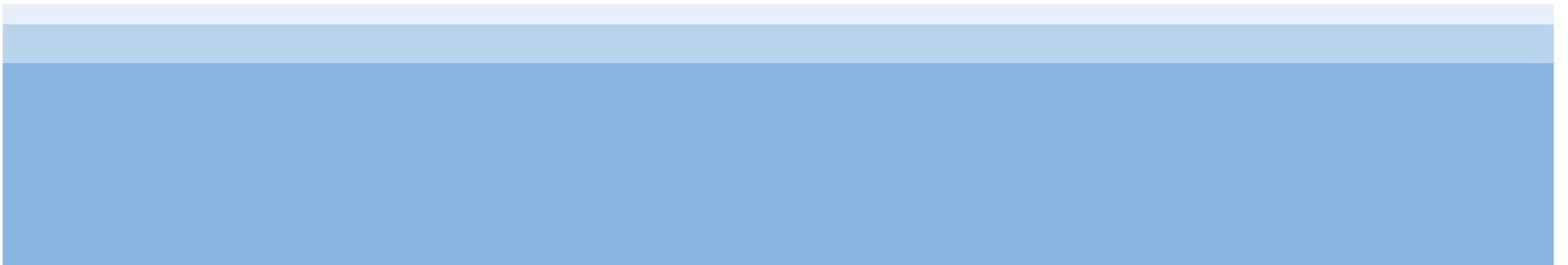


PARRC Online Assessment



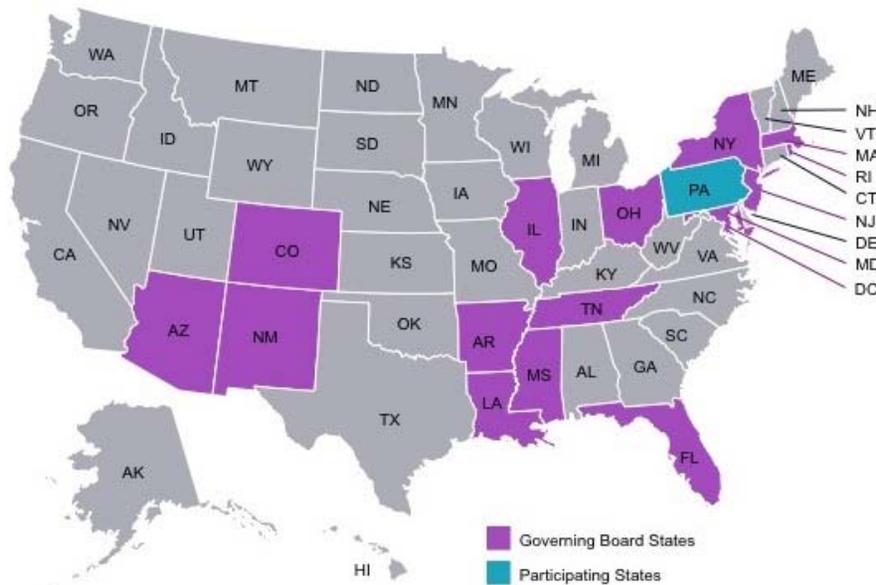
What Families Need to Know About New Tests in Schools



November 2013



Who Will take PARCC Tests and When



17 states and the District of Columbia are working together to develop better reading, writing and math tests for their students

Tests are for grades 3-11

Field testing will take place in 2013-14 for about 10 percent of students in PARCC states

Schools will administer tests broadly in 2014-15

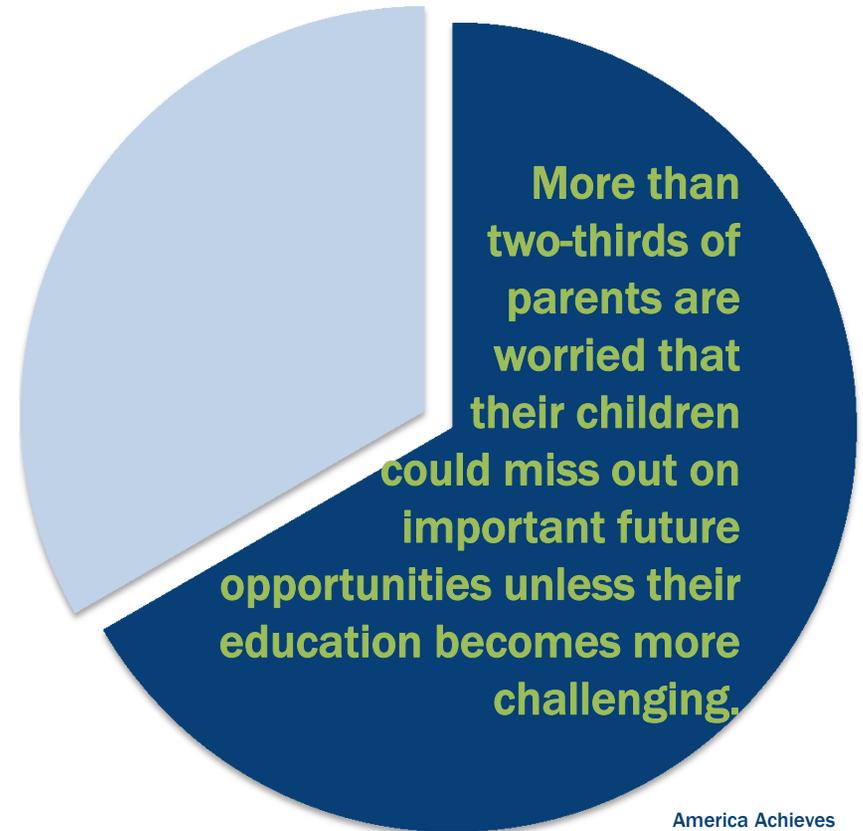
New Standards Require New Tests



- **PARCC tests are aligned to the new Common Core State Standards now in place in K-12 schools nationwide**
- **In most states, the outgoing tests were not linked to these more rigorous reading, writing, and math standards**
- **The Common State Core Standards are designed to better prepare students for college and the workforce**

Widespread Support Among Parents for PARCC Rigor

- PARCC tests are more meaningful and challenging than outgoing fill-in-the-bubble state tests
- They measure essential skills, such as the ability to communicate effectively, reason well, and solve real-world problems
- Parents want the increased rigor that comes with PARCC



America Achieves
Survey, Oct. 2013



The PARCC Promise: **Ready for College**

- PARCC will signal in high school whether students are prepared to enter college without needing remediation first
- Hundreds of colleges plan to use PARCC scores when placing freshmen into courses
- Students who are off track in high school will have time to get help before graduating

Online Tests for an Online Era

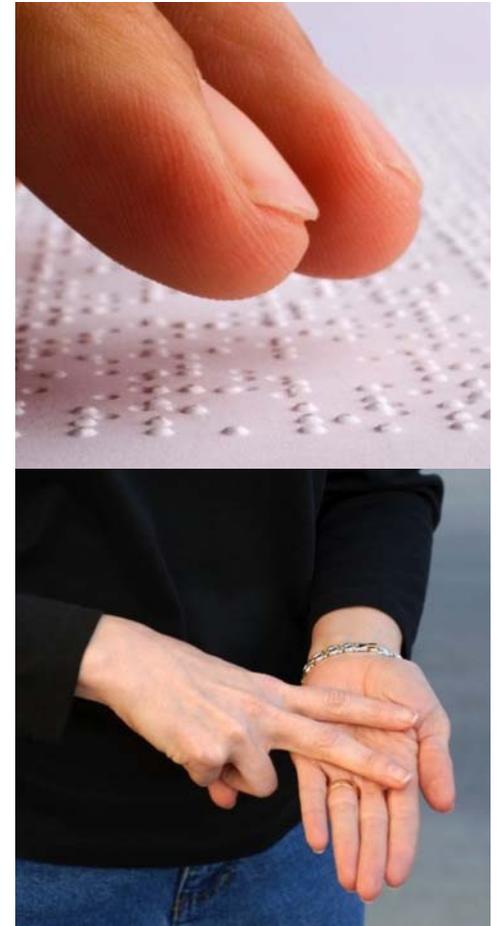
- PARCC tests are computer-based and far more engaging and innovative than outgoing paper-and-pencil state tests
- PARCC is flexible; can be administered on a variety of devices that schools can use for instruction



Meaningful Tests for All Students

Some PARCC features that will help students with disabilities or those learning English show what they know and can do:

- Highlighting
- Customized colors
- Text to speech
- Captions for audio
- Home language supports/tools
- Braille (tactile/refreshable)
- Signing supports (ASL)
- Assistive technology



In Reading and Writing, Students Will Have To...



Show they can read and understand complex passages



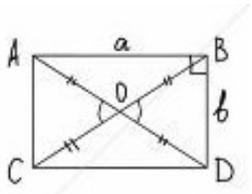
Write persuasively

Conduct research and present findings



Demonstrate speaking and listening skills

In Math, Students Will Have To...



Show their work and demonstrate that they understand a concept rather than simply memorize a formula

$$7 \times 7 = 49$$

Compute quickly and accurately



Apply their mathematical knowledge to solve real-world problems

Old Test vs. New Test

See the PARCC difference for yourself

Writing prompt on an old, outgoing state test

Third Grade Example

- Read the writing prompt below and complete the writing activity:
- Jump out of bed! Look out the window! It is a perfect weather day!
- Write a story about a day when the weather seemed perfect

PARCC writing prompt

Third Grade Example

- You have read two texts about famous people in American history who solved a problem by working to make a change
- Write an article for your school newspaper describing how Eliza and Carver faced challenges to change something in America
- In your article, be sure to describe in detail why some solutions they tried worked and others did not work
- Tell how the challenges each one faced were the same and how they were different

Old Test vs. New Test

See the PARCC difference for yourself

Math outgoing state test

5th Grade Example

The town of La Paz, Bolivia, is in the Andes mountains.

Which of these units could be used to describe the distance of the town of La Paz above sea level?

- A. Degrees
- B. Feet
- C. Cubic Inches
- D. Pounds

PARCC test

5th Grade Example

Mr. Edmunds shared 12 pencils among his four sons as follows:

- Alan received $\frac{1}{3}$ of the pencils
- Bill received $\frac{1}{4}$ of the pencils
- Carl received more than 1 pencil
- David received more pencils than Carl

PART A: On the number line, represent the fraction of the total number of pencils that was given to both Alan and Bill combined. Use the buttons on the right to increase or decrease the number of equal sections on the number line.

PART B. What fraction of the total number of pencils did Carl and David each receive? Justify your answer.

Developed By Teachers

- Thousands of teachers across PARCC states are helping develop PARCC and review questions to ensure they yield meaningful information
- Every item on PARCC will be reviewed by at least 30 experts
- Teachers, students, and parents will get test data back much more quickly under PARCC, making it easier to address problems in a timely way

Many Advantages of Working Together Across PARCC States

Consistent Expectations

- Mastering high school math should not mean two different things in two different states
- Parents who move, including military families, shouldn't have to worry about whether their child is on track



Economies of Scale

- By banding together, states are lowering the cost of producing fair and accurate tests



To Learn More



www.parcconline.org



Common Core Resources
<http://www.pta.org/commoncore>

Part A: Moving Through the Test and Understanding the Toolbar

Use the picture below to understand the different parts of the screen:

The image shows a screenshot of a test interface with several red callout boxes providing instructions:

- Move forward and backward through the test:** Points to the left and right arrow buttons in the top toolbar.
- Review test section for unanswered items or flag an item to make it easier to come back to later:** Points to the 'Review' and 'Flag' buttons in the top toolbar.
- Select this icon to exit the exam:** Points to the user profile icon labeled 'Guest' in the top right corner.
- Test and section names:** Points to the breadcrumb navigation 'HOME / T 1 / PART 2: GRADE 3-5 MATH SAMPLE ITEMS / 4 OF 6'.
- Number of items on test:** Points to the '4 OF 6' part of the breadcrumb navigation.
- Use these buttons to select and deselect different tools that you can use during the test. Each of these tools will be explained in the tutorial.** Points to a set of icons in the top toolbar including a mouse cursor, eraser, highlighter, and a plus sign.
- Accessibility options can be found by selecting this icon:** Points to the plus sign icon in the top toolbar.

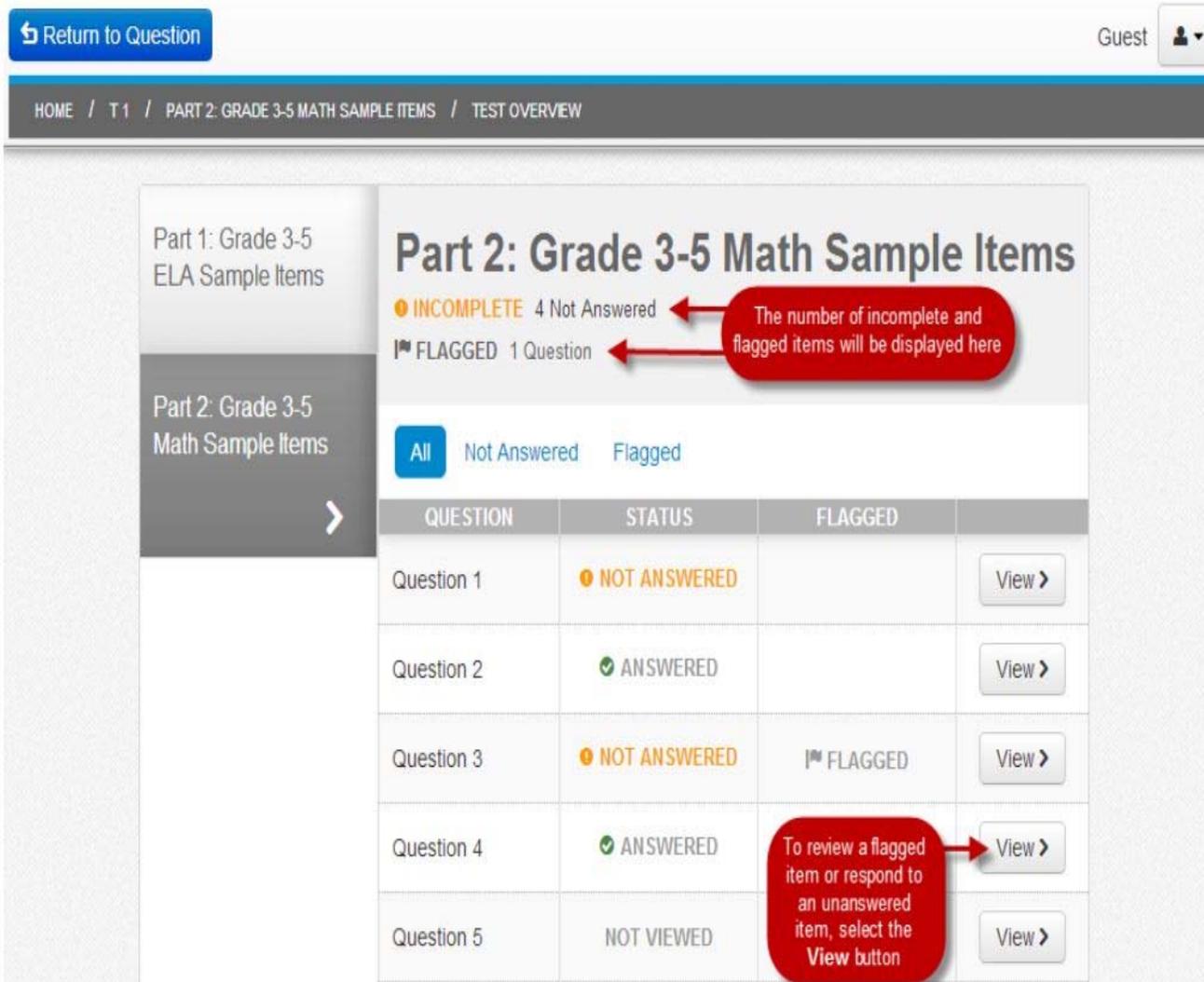
The main content area shows a math problem: "the subtract" followed by a vertical subtraction problem:

$$\begin{array}{r} 7263 \\ -2792 \\ \hline \end{array}$$

Below the problem is an empty input box for the answer.

The Review Screen can be accessed at any time by selecting the **Review** button  at the upper left of each screen. When you select the Review button, the screen will change to look like the picture below.

Example of the Review Screen.



Return to Question Guest 

HOME / T 1 / PART 2: GRADE 3-5 MATH SAMPLE ITEMS / TEST OVERVIEW

Part 1: Grade 3-5 ELA Sample Items

Part 2: Grade 3-5 Math Sample Items

INCOMPLETE 4 Not Answered ← The number of incomplete and flagged items will be displayed here

FLAGGED 1 Question ←

All Not Answered Flagged

QUESTION	STATUS	FLAGGED	
Question 1	NOT ANSWERED		View >
Question 2	ANSWERED		View >
Question 3	NOT ANSWERED	FLAGGED	View >
Question 4	ANSWERED		View >
Question 5	NOT VIEWED		View >

To review a flagged item or respond to an unanswered item, select the View button →

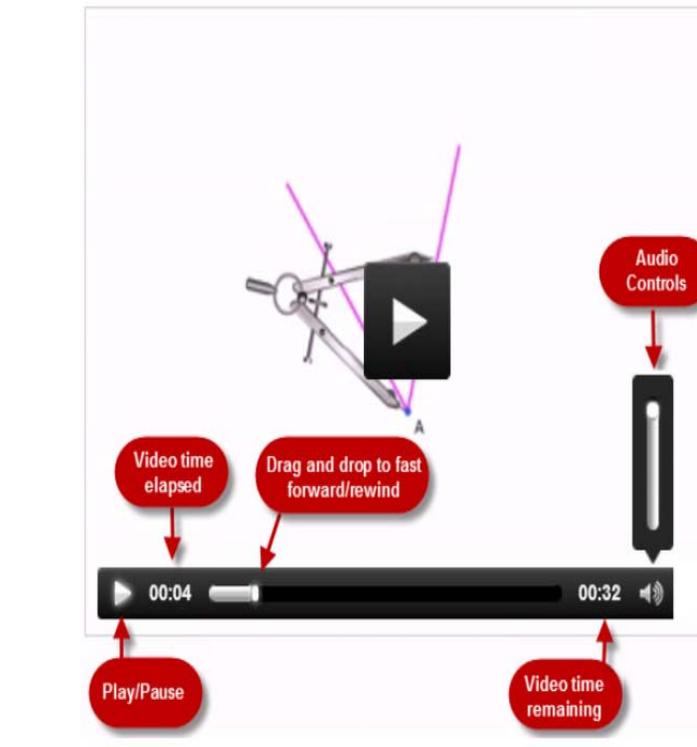
Using the Video Player

Using the Video Player

During the test, items may contain video content. Videos may be included as part of the English Language Arts/Literacy or Math test.

To use the video player:

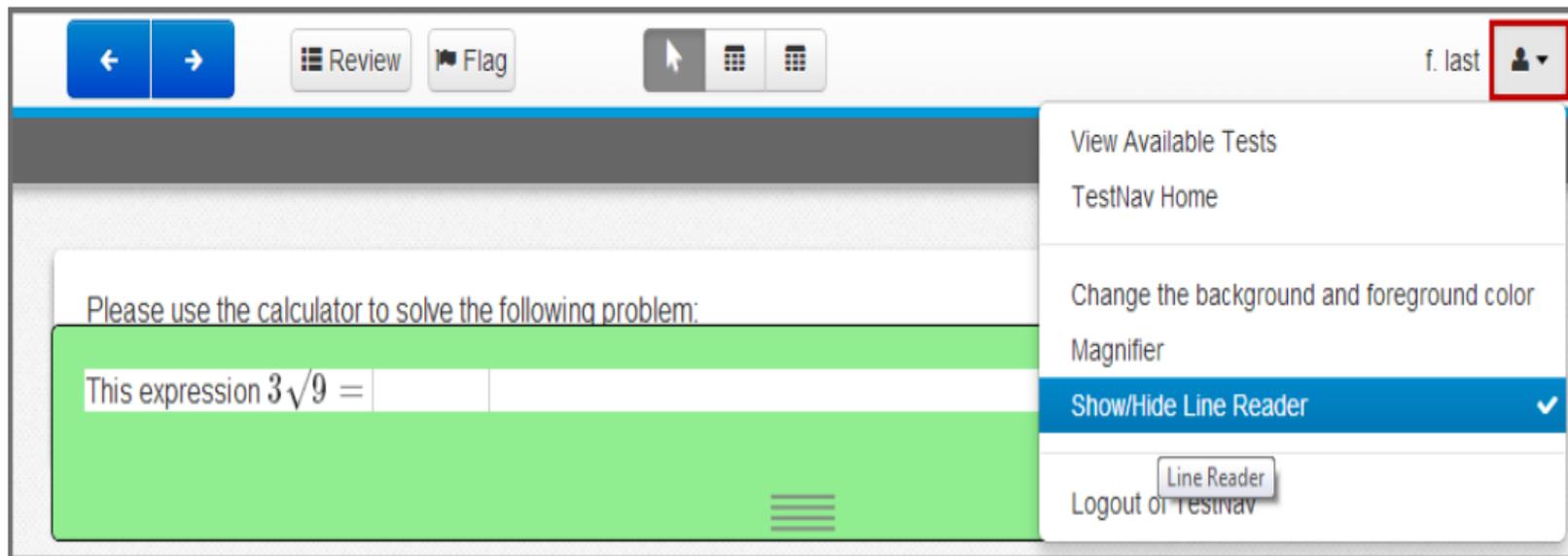
- **Play/Pause:** Used to start and stop the video player.
- **Video time elapsed:** Indicates the amount of time that has elapsed since the start of the video.
- **Fast Forward/Rewind:** Used to fast forward or rewind the video by dragging and dropping.
- **Video time remaining:** Indicates the amount of time remaining in the video.
- **Audio Controls:** Used to mute/unmute volume and adjust the volume level.



Line Reader Tool

Line Reader Tool

The **Line Reader** is available for all students to use by selecting the option from the accessibility drop-down menu in the top right corner of the screen. This tool will help you to focus on one section of information at a time.



The screenshot shows a user interface for a test. At the top, there is a navigation bar with a left arrow, a right arrow, a 'Review' button, a 'Flag' button, and a mouse cursor icon. On the right side of the navigation bar, the user's name 'f. last' is displayed next to a user profile icon, which is highlighted with a red box. A dropdown menu is open from this icon, listing several options: 'View Available Tests', 'TestNav Home', 'Change the background and foreground color', 'Magnifier', 'Show/Hide Line Reader' (which is highlighted in blue and has a checkmark), and 'Logout of Testnav'. Below the navigation bar, the main content area contains a text prompt: 'Please use the calculator to solve the following problem:'. Below this prompt is a green highlighted area containing the text 'This expression $3\sqrt{9} =$ ' followed by an empty input field. At the bottom right of the green area, there is a hamburger menu icon.

Zoom Tool

Zoom and Magnification Tools

During the test, you can make the words and images on the screen bigger or smaller by using the keys on your keyboard . Use the CONTROL or CTRL key and the plus sign key to make text or images bigger. Use the CONTROL or CTRL key and the minus sign key to make them smaller. Use the CONTROL or CTRL key and the zero key to reset to the original size. On a tablet or other touchscreen device, you can also use the pinch and zoom gestures to make words and images bigger or smaller.

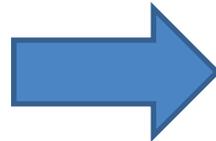
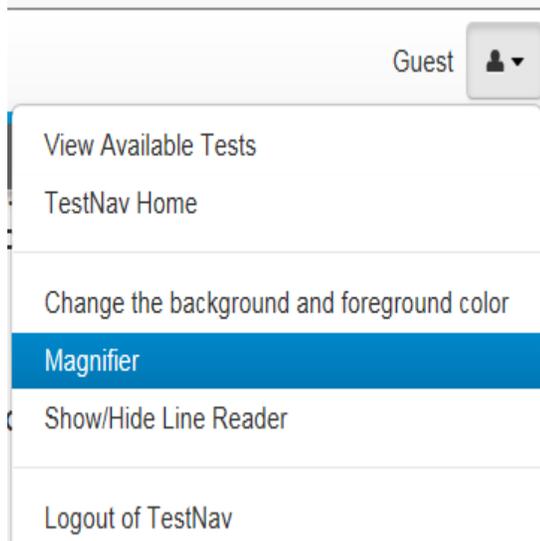
To use zoom:

- With keyboard, use **CTRL +** to zoom in. Use **CTRL -** to zoom out the screen.
- On touchscreen, pinch and zoom to zoom in and out.

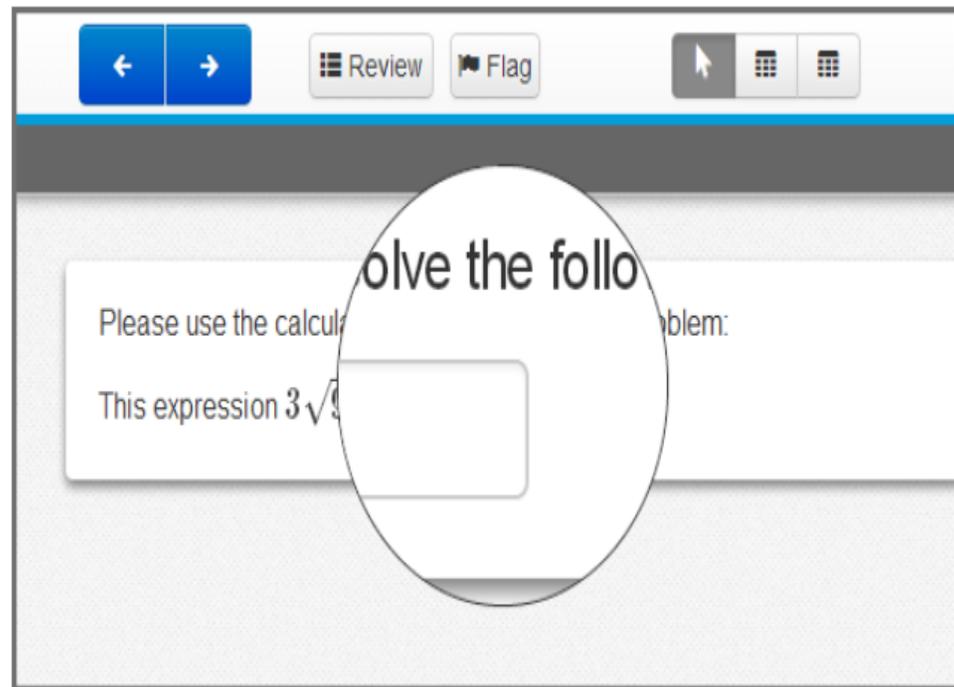
Magnifier

To use the draggable magnifier:

- Select the **Magnifier** from the accessibility dropdown, in the top right corner of the screen.
- A circle magnifier will appear on screen, select and drag the magnifier to magnify content on screen. (Example of the magnifier is shown below.)
- With keyboard, use **CTRL +** to zoom in. Use **CTRL -** to zoom out the screen.
- Please note, answers can be marked with the magnifier on but you will need to refresh the magnifier. To refresh, select the magnifier and drag it away from the answer or answer box.



Example of the magnifier:



Changing the Background

Background and Foreground Colors

Changing the background and foreground color, or contrast settings, will provide you with multiple color options, as shown below.

Experiment with changing the color on this screen by selecting one of the options provided.

- Select **Change the background and foreground colors** from the accessibility dropdown, in the top right corner of the screen.
- The background/foreground color menu will appear, as shown in the example below.
- Select the radio button next to the background/foreground color choice.
- Select continue

Note: Once a color option is selected, it will stay on for the remainder of the test. To change or remove the background/foreground color, repeat the steps above.



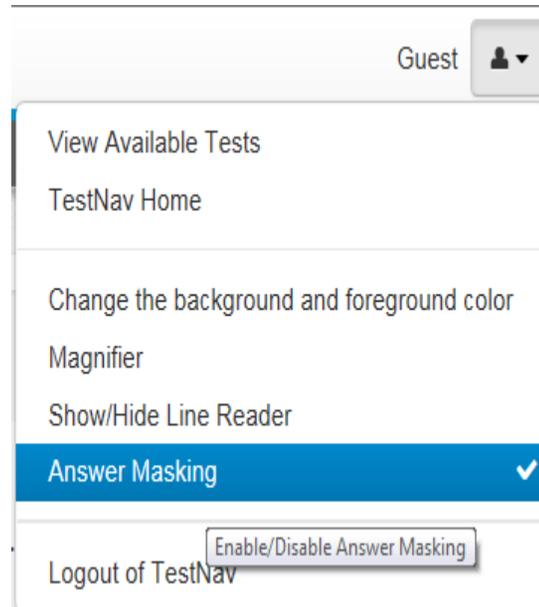
Answer Masking

Answer Masking

Answer Masking on multiple choice items will allow you to choose which answer choices will show on the screen.

By choosing the eye  on the right end of the masked response, the answer is unmasked.

To cover the answer choice again, select the eye  again.



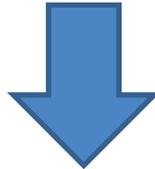
The screenshot shows a user interface for a 'Guest' user. A dropdown menu is open, displaying several options. The 'Answer Masking' option is highlighted in blue and has a checkmark to its right. Below the menu, there is a button labeled 'Enable/Disable Answer Masking' and a 'Logout of TestNav' link.

- View Available Tests
- TestNav Home
- Change the background and foreground color
- Magnifier
- Show/Hide Line Reader
- Answer Masking** ✓
- Logout of TestNav

Enable/Disable Answer Masking

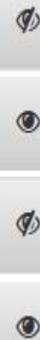
Try masking and unmasking the answer choices below.

- A. Try masking this response.
- B. Mask this response, then unmask it.
- C. Leave this response alone.
- D. Mask this response, then unmask the first response.



Try masking and unmasking the answer choices below.

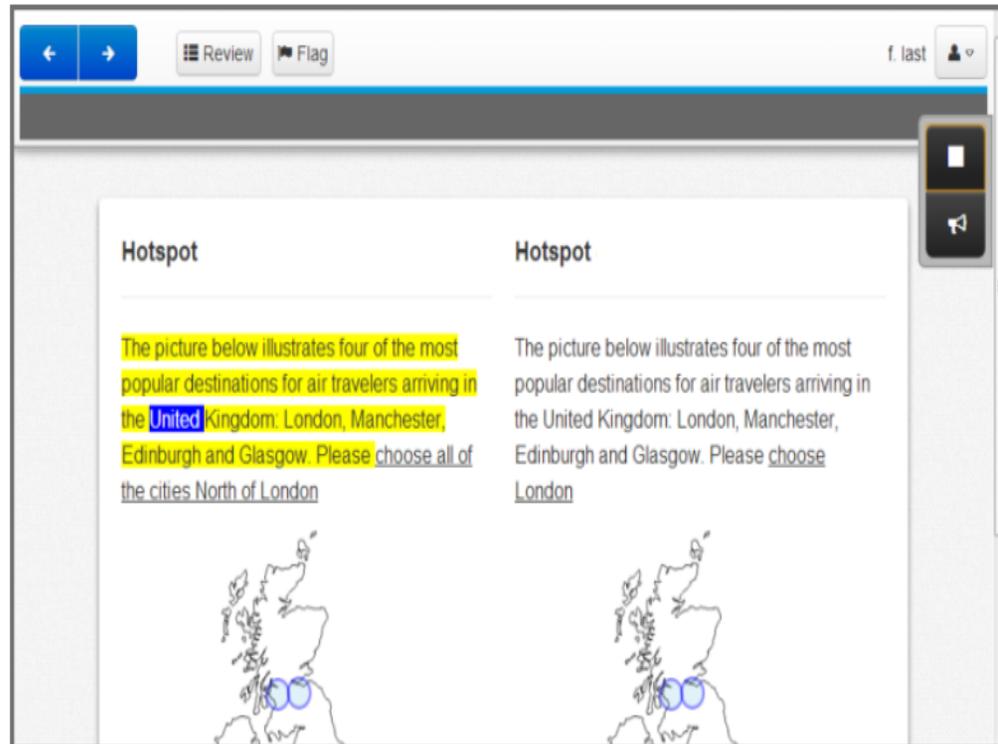
- A. Try masking this response.
- B. Mask this response, then unmask it.
- C. Leave this response alone.
- D. Mask this response, then unmask the first response.



Text to Speech Option

The Text-to-Speech option reads text on the screen out loud to you. The text will be highlighted in yellow as the words or phrases are read.

- Start the text-to-speech tool by selecting the play button 
- Select the stop button to stop the text-to-speech from playing 
- Choosing the focus tool  allows you to select where within the text or item the reader will begin



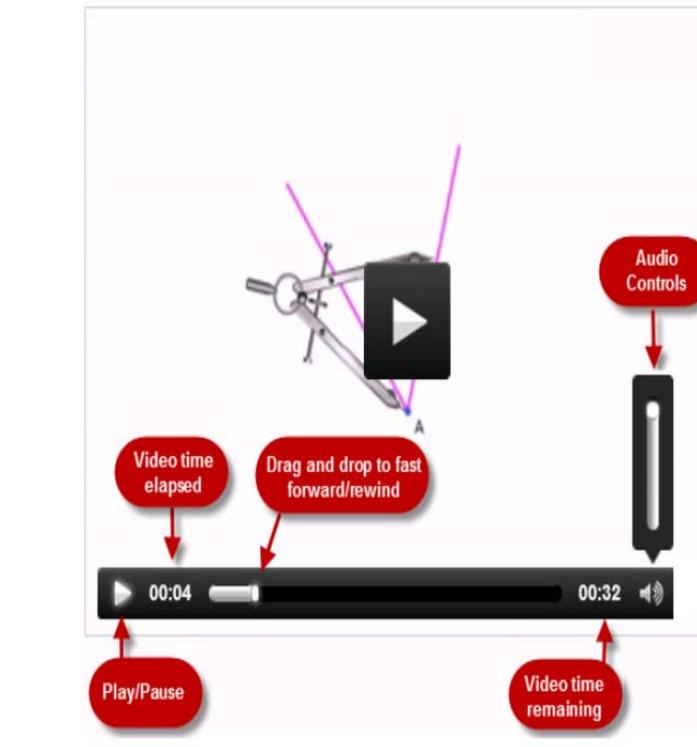
Using the Video Player

Using the Video Player

During the test, items may contain video content. Videos may be included as part of the English Language Arts/Literacy or Math test.

To use the video player:

- **Play/Pause:** Used to start and stop the video player.
- **Video time elapsed:** Indicates the amount of time that has elapsed since the start of the video.
- **Fast Forward/Rewind:** Used to fast forward or rewind the video by dragging and dropping.
- **Video time remaining:** Indicates the amount of time remaining in the video.
- **Audio Controls:** Used to mute/unmute volume and adjust the volume level.



Using the Scrollbar

Using the Scrollbar

On each item, there are two methods for scrolling to view all of the content for the item. **Page scroll** is used to scroll within the whole page. **Passage scroll** is used to scroll within a passage given in a test question. The way you use the scrolling tool is based on the type of device used.

Using a mouse and keyboard:

- **Select and drag:** Use your mouse to select on the scrollbar, then drag up or down to scroll.
- **Up/down arrow** To page scroll, use the up/down arrow while on the item. To passage scroll, click within the passage area, then use the up/down arrow to scroll within the passage.
- **Mouse/touchpad:** If your mouse or touchpad has a built in scroll wheel/pad, then clicking on the page or within the passage screen will allow scrolling of the page/passage.

Amelia Earhart is a famous American remembered for her daring and bravery. Today you will read two texts and view a video to learn about Amelia Earhart. When you are finished reading, you will write an essay that analyzes the strength of the arguments the authors make in relation to Amelia Earhart's bravery.

Read the website entry "The Biography of Amelia Earhart." Then answer the questions.

Passage Scroll

Read the website entry "The Biography of Amelia Earhart." Then answer the questions.

The Biography of Amelia Earhart

1 When 10-year-old Amelia Mary Earhart saw her first plane at a state fair, she was not impressed. "It was a thing of rusty wire and wood and looked not at all interesting," she said. It wasn't until Earhart attended a stunt-flying exhibition, almost a decade later, that she became seriously interested in aviation. A pilot spotted Earhart and her friend, who were watching from an isolated clearing, and dove at them. "I am sure he said to himself, "Watch me make them scamper,"" she said. Earhart, who felt a mixture of fear and pleasure, stood her ground. As the plane swooped by, something inside her awakened. "I did not understand it at the time." she said. "but I believe that little red airplane

Page Scroll

Part A

In paragraph 6 of "The Biography of Amelia Earhart," Earhart is quoted as saying, "After scaring most of the cows in the neighborhood...I pulled up in a farmer's back yard." How does the quotation contribute to the meaning of the paragraph?

- A. It demonstrates Earhart's calm sense of humor when describing a potentially frightening situation.
- B. It shows that Earhart loved taking risks but regretted when her actions put others in danger.
- C. It suggests that Earhart was humble about her accomplishments and able to admit mistakes.
- D. It illustrates Earhart's awareness of her responsibility as a role model for other women.

Part B

In which other paragraph in the article does a quotation from Earhart contribute to the reader's understanding of her character in a similar way as does the quotation in Part A?

Difference between Multiple Choice and Multiple Select

Using Multiple Choice and Multiple Select

Each test will have Multiple Choice and Multiple Select items. These item types are similar, but have some distinct differences.

Multiple Choice items allow a single response choice to be selected. Multiple choice items are represented by a circle next to each answer option.

Multiple Select items will allow all answer choices to be selected, so it is important to read the item directions carefully before responding to the item so you know how many options to select for each question. For example, one item might indicate to select the three best answers, while you might need to choose two options for another question.

Multiple Choice/Circle

Only one answer

Part A

Which option **best** represents a multiple choice item?

- A. Multiple choice is represented by a circle.
- B. Multiple choice allow just one response.
- C. Multiple choice can be selected by clicking the here, or on the circle to the left.
- D. All of the above.



Drag and Drop

Using Drag and Drop

Select an available response choice, then drag to the target location and release.

Some drag and drop items will allow you to drag multiple copies of choice into the drop area, while some items will only allow choice to be dragged to one location at a time. Some drop areas have a limit on how many choices can be dropped there. You may need to drag a choice out of the box before you can put another one in.

Three Four Two One

Even Numbers

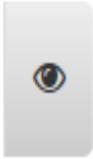
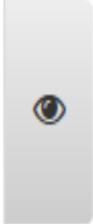
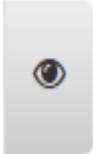
Odd Numbers

Multiple Select/Square

More than one answer

Part B

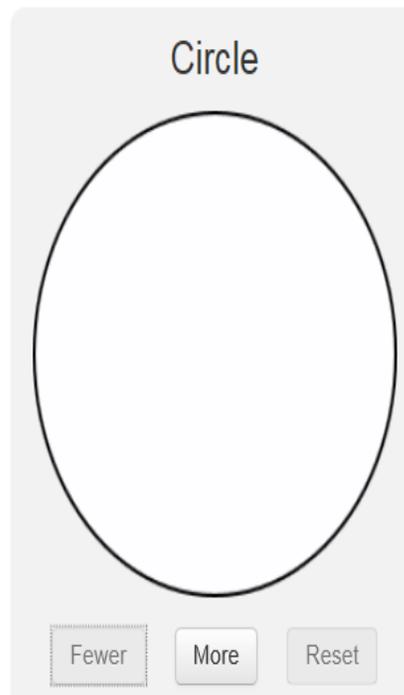
Which options represent a multiple select item? Select all that apply.

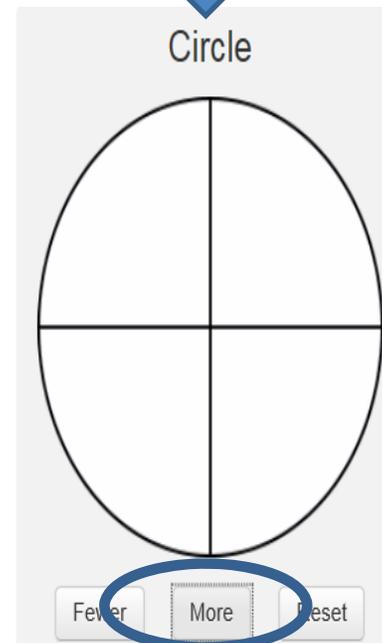
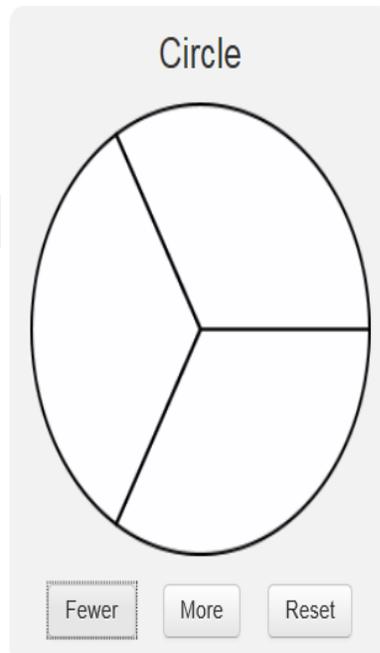
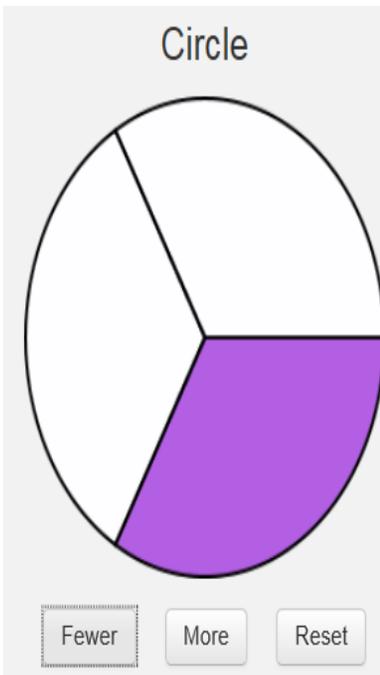
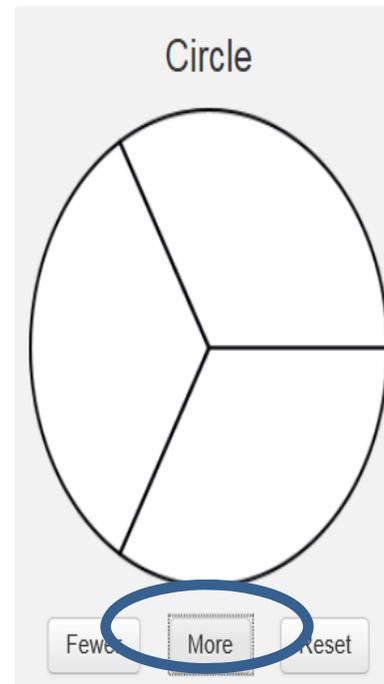
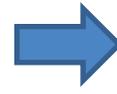
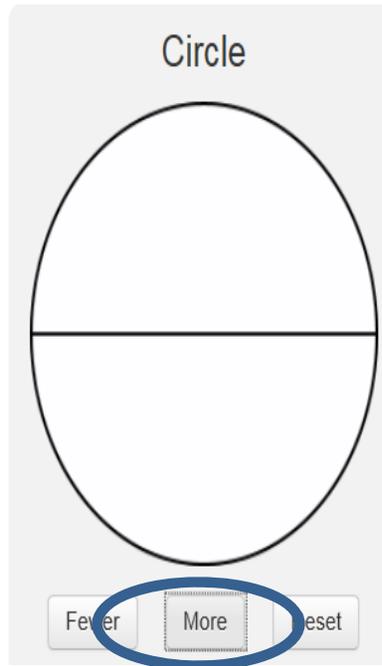
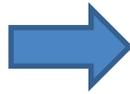
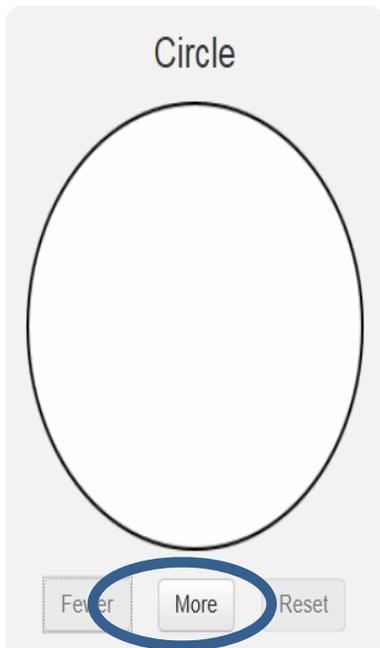
- A. Multiple select is represented by a square. 
- B. Multiple Select items allow more than one response choice. 
- C. Multiple select can be selected by clicking the here, or on the square to the left. 
- D. All of the above. 

Fraction Model

Using the Fraction Model

- **Fewer:** Reduces the number of fraction parts within the circle.
- **More:** Increases the number of fraction parts within the circle.
- **Reset:** Resets the number of parts within the circle to its original state.
- **Select area:** Select parts within the circle to shade them.





**Reset
brings you
back to
blank
circle**

Drop Down for Math Problems

Using the Drop Down (Inline choice)

Select the arrow next to each answer option below to view the available response choices. Select from the list to provide a response.

Choose... ▾ Choose... ▾ Choose... ▾ = 15

Choose...
2
3
4

Choose...
+
-
x
÷

Choose...
5
6
7

= 15

3 ▾ x ▾ 5 ▾ = 15

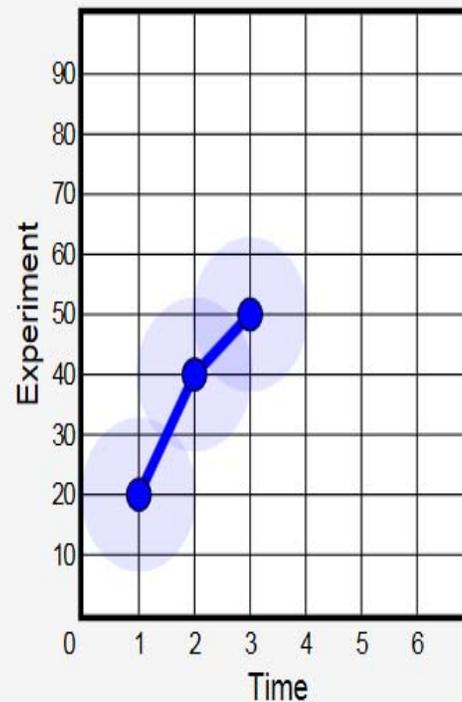
Using a Graph

Using a Graph

On the graph to the right, select the grid to add and remove points.

Time	Experiment Results
1	20
2	40
3	60
4	70
5	90
6	80

Using the Table to the left, record the experiment results by plotting data points on the graph below. This is an example of an experiment with one set of data. Using your mouse or touchscreen, select the grid to add a point.



 **Congratulations! You have finished the test.**

The last section has 5 unanswered questions.

There are two things you can do:

Review section questions and your answers.

[Review Answers](#)

Exit this test, submitting your answers as final. You will not be able to return later to this test.

[Submit Final Answers](#)

Mr. Ruiz has 210 students who are interested in joining the marching band. He decides to have 80% of the band be made up of percussion and brass instruments. Use the unit rate you found in Part A to determine how many students should play brass instruments.

Show or explain all your steps.

The image shows a digital math interface. At the top, there is a toolbar with various mathematical symbols and functions: a refresh icon, a left arrow, a right arrow, a delete icon (X), a plus sign (+), a minus sign (-), a multiplication sign (x), a division sign (÷), a fraction icon, a decimal icon, a power function icon (y^x), a square root icon ($\sqrt{\quad}$), an equals sign (=), and an approximation symbol (\approx). Below the toolbar is a large white input area with a small grid icon in the top-left corner. To the right of the input area is a numeric keypad with buttons for digits 0-9, a comma (,) for decimal, a period (.) for decimal, and the pi symbol (π). Below the numeric keypad are three expandable menu items: "Arithmetic and Units", "Exponents and Roots", and "Relations".

Sample Open-ended Math Item

← →

Review Flag

Guest

Guest

View Available Tests
TestNav Home
Change the background and foreground color
Magnifier
Show/Hide Line Reader
Answer Masking
Logout of TestNav

Previous or next test page

Flag - to Review test question later

Used to eliminate answers

Part A

In paragraph 6 of "The Biography of Amelia Earhart," Earhart is quoted as saying, "After scaring most of the cows in the neighborhood...I pulled up in a farmer's back yard." How does the quotation contribute to the meaning of the paragraph?

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- B. It shows that Earhart loved taking risks and putting others in danger.

The Biography of Amelia Earhart

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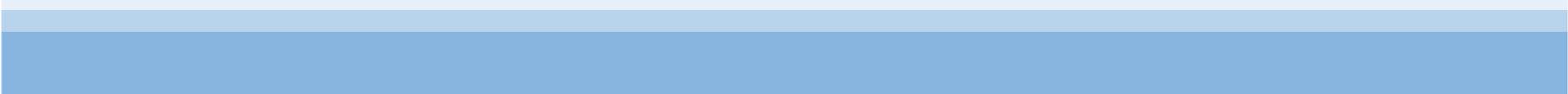
Earhart attended a stunt-flying exhibition, almost a decade later, that she became seriously interested in aviation. A pilot spotted Earhart

C. It suggests th

D. It illustrates E

for other wom

Assessment Tools



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1 When 10-year-old Amelia Mary Earhart saw her first plane at a state fair, she was not impressed. "It was a thing of rusty wire and wood and looked not at all interesting," she said. It wasn't until Earhart attended a stunt-flying exhibition, almost a decade later, that she became seriously interested in aviation. A pilot spotted Earhart and her friend, who were watching from an isolated clearing, and

Part A

In paragraph 6 of "The Biography of Amelia Earhart," Earhart is quoted as saying, "After scaring most of the cows in the neighborhood...I pulled up in a farmer's back yard." How does the quotation contribute to the meaning of the paragraph?

- A. It demonstrates Earhart's calm sense of humor when describing a potentially frightening situation.
- B. It shows that Earhart loved taking risks but regretted when her actions put others in danger.
- C. It suggests that Earhart was humble about her accomplishments and able to admit mistakes.
- D. It illustrates Earhart's awareness of her responsibility as a role model for other women.

Numbered Paragraphs

Use the scroll bar to view entire passage

Multiple Choice Items

Reading the Questions