Student Name _____

NJ ASK 2007 Grade 5 Alternate Assessment Samples

New Jersey Assessment of Skills & Knowledge 2007

NJ ASK

Grade 5

Language Arts Literacy/ Mathematics

Alternate Assessment Samples

Acknowledgments

"Riding for Freedom" by Julie Doyle Durway, illustrations by Margaret Lindmark, from APPLESEEDS' December 2005 issue: *Daughters of Liberty: Tales of America's Founding Mothers*. Copyright © 2005 by Cobblestone Publishing, 30 Grove Street, Suite C, Peterborough, NH 03458. All rights reserved. Reprinted with permission of Carus Publishing Company.

Riverside Publishing
A HOUGHTON MIFFLIN COMPANY

Copyright © 2006 by The Riverside Publishing Company. All rights reserved. Address inquiries to Permissions, Riverside Publishing, 3800 Golf Rd., Suite 100, Rolling Meadows, IL 60008-4015. These tests contain questions that are to be used solely for testing purposes. No test items may be disclosed or used for any other reason. By accepting delivery of or using these tests, the recipient acknowledges responsibility for maintaining test security that is required by professional standards and applicable state and local policies and regulations governing proper use of tests and for complying with federal copyright law which prohibits unauthorized reproduction and use of copyrighted test materials.

Directions to the Student

Today you will be taking the Language Arts Literacy *New Jersey Assessment of Skills and Knowledge*. The test consists of a writing task and reading passages. The passages are followed by multiple-choice and open-ended questions.

Sample questions have been included. They show you the different types of questions on the test and how to mark or write your answers in your answer folder.

There are several important things to remember:

1 Read each passage carefully to learn what it is about. You may refer back to the reading passage as often as necessary.

2 Read each question carefully and think about the answer. Then choose or write the answer that you think is best.

3 When you are supposed to write your answers, write them neatly and clearly on the lines provided in your answer folder.

4 When you are supposed to select the answer, make sure you fill in the corresponding circle in your answer folder.

5 If you finish a part of the test early, you may check over your work in that part.

6 If you do not know the answer to a question, skip it and go on. You may return to it later if you have time.

DO NOT GO ON UNTIL YOU ARE TOLD TO DO SO.

This page is intentionally left blank.

Writing Task

A young boy busily collected everything he would need to take with him. The next day, as he began to set up his equipment, he realized he was missing a very important piece. He has to decide how to solve this problem.

Write a story about the boy, his problem, and what he does to solve it.

The writing you do in your answer folder will be scored. You may use the box provided on pages 2 and 3 of your answer folder to plan your ideas before you begin writing your story. Then write your story on the lines that follow.

DO NOT GO ON UNTIL YOU ARE TOLD TO DO SO.

Sample Questions

Look at the sample test questions that follow. These questions do not relate to the passages in the test. These questions will show you what the questions in the test are like and how to mark or write your answers in your answer folder.

Multiple-Choice Sample Question

For this type of question, you will select the answer and fill in the corresponding circle in your answer folder.

S1 What does the last sentence of the story mean?

A. The boy and the pups were rescued by a hunter and his grown hounds.

B. The boy and his pups made the lion think they were a grown man and experienced hunting dogs.

C. The boy fell asleep and dreamed that he and the pups were grown up and experienced hunters.

D. By morning, the lion was finally scared off by another mountain lion.

Multiple-Choice Sample Answer

For this sample question, the answer selected was **B**. Therefore, in the answer folder, circle **B** was filled in.

GO ON

Open-Ended Sample Question

For this type of question, you will write a longer and more detailed answer in your answer folder.

S2 Compare how Billy feels when he first realizes there is a mountain lion nearby to the way he feels by the end of the story.

Use information from the story to support your response. Write your answer in your answer folder.

Open-Ended Sample Answer

S2

When Billy first realizes there is a mountain lion nearby, he feels fear. But then Billy starts to feel brave when he sees how brave his pups are. Together, they scare off the mountain lion. By the end of the story, Billy feels great pride in his and his pups' accomplishments of having scared off the lion and having made it think they were grown up and experienced hunters.

DO NOT GO ON UNTIL YOU ARE TOLD TO DO SO.

Many different people helped during the American Revolution. Writer Julie Doyle Durway describes some of these people.

Riding for Freedom

by Julie Doyle Durway

Who rode through the countryside on horseback during the American Revolution, warning the citizens, "The British are coming"? Who risked imprisonment or death to alert the Continental Army of a looming British attack? If you answered Paul Revere, you would be only partly right. A number of girls and young women also acted as patriotic messengers, risking their own lives to serve the cause of American freedom.

One of these "riders for freedom" was 16-year-old Sybil Ludington. On a stormy night in April 1777, young Sybil bravely accepted a dangerous job: She agreed to alert the local militia that the British were burning the nearby town of Danbury, Connecticut, where a large amount of the colonial troop's supplies were kept. Riding as fast as she could through the rainy, muddy, dark night, Sybil raced from one farmhouse to another, covering 40 miles of ground. This was more than twice the distance that Paul Revere traveled during his famous midnight ride! 2

Sybil was successful in rallying the local soldiers, who gathered at her father's farmhouse that night, then marched to meet the British at Danbury. Although they weren't able to save the town or the supplies, they did push the British Army out of the area. Sybil Ludington's heroic ride showed that girls and women could be an important part of the American Revolution.

GO ON

Deborah Champion probably never imagined she'd play a role in the Revolution. But when her father asked for her help, this young Connecticut woman mounted her horse and rode for two days to deliver an urgent message to General George Washington.

Through their brave deeds, these female patriots displayed courage, persistence, and strength. They each found a unique way to help their countrymen and fellow countrywomen in the fight for independence.

GO ON

1 The writer begins with a series of questions to

A. establish a timeline for the American Revolution.

B. demonstrate the importance of the American Revolution.

C. interest readers in learning about the American Revolution.

D. share concerns readers might have about the American Revolution.

2 In paragraph 2, the word **alert** means

A. warn.

B. trick.

C. surprise.

D. support.

3 Why was it important for Sybil Ludington to tell the soldiers that the British were burning Danbury?

A. because the soldiers were lost in the storm

B. because the soldiers needed to save their supplies

C. because the soldiers had a chance to defeat the British

D. because the soldiers wanted to escape from the British

4 With which of these opinions does the writer of the article most likely agree?

A. Female patriots should be recognized.

B. The events at Danbury were unimportant.

C. The British should have won the American Revolution.

D. George Washington is more important than most people think.

5 In paragraph 2, the "riders for freedom" were those who

A. thought horses should not be used by soldiers.

B. enjoyed riding horses to get from place to place.

C. rode horses to help win the American Revolution.

D. wanted the battles of the American Revolution remembered.

6 What is the central idea of this article?

A. American freedom was won by defeating the British.

B. Sybil Ludington was more important than Paul Revere.

C. Deborah Champion should have been rewarded for her courage.

D. Women played an important part in the American Revolution.

7 What happened as a result of Sybil Ludington's ride?

A. The town of Danbury was saved.

B. The British Army was driven away.

C. Paul Revere went on his midnight ride.

D. Deborah Champion was brave enough to ride.

8 This article would be <u>most</u> useful for a student

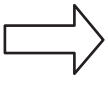
A. writing a report on unknown heroes.

B. preparing a presentation about Paul Revere.

C. learning about the history of horseback riding.

D. studying for a test on the presidents of the United States.

GO ON



9 Female patriots risked their lives during the American Revolution because they wanted to

A. become heroes.

B. travel to exciting places.

C. meet George Washington.

D. help the Americans win the war.

10 Which one of these questions might a reader have after reading the article?

A. What did Sybil Ludington tell the soldiers?

B. Why did Paul Revere warn people of a British attack?

C. Which other women played an important role in the American Revolution?

D. How did Deborah Champion travel to deliver a message to George Washington?

11 As the article explains, Sybil Ludington was a real person.

- How did Sybil's actions affect the American Revolution?
- How could this historic ride influence other people?

Use specific information from the article and any additional insight to support your response.

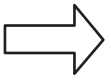
12 This article is about female patriots and their experiences.

- Why does the author choose to write about female patriots?
- Explain why it is important to recognize everyone's part in history.

Use specific information from the article and any additional insight to support your response.

CLOSE YOUR TEST BOOKLET.

This page is intentionally left blank.



Directions to the Student

Today you will be taking the Mathematics *New Jersey Assessment of Skills and Knowledge*. This is a test of how well you understand mathematics.

The test consists of two different types of questions: multiple choice and open ended.

Sample questions have been included. They show you the different types of questions on the test and how to mark or write your answers in your answer folder.

There are several important things to remember:

1 Read each question carefully and think about the answer. Then choose or write the answer that you think is best.

2 When you are asked to select the answer, make sure you fill in the corresponding circle in your answer folder.

3 When you are asked to write your answers, write them neatly and clearly on the lines or in the space provided in your answer folder.

4 If you finish a part of the test early, you may check over your work in that part.

5 If you do not know the answer to a question, skip it and go on. You may return to it later if you have time.

Sample Questions

To help you understand how to answer the test questions, look at the sample test questions that follow. These questions will show you what the questions in the test are like and how to mark your answers in your answer folder.

Multiple-Choice Sample Question

For this type of question, you will select the answer and fill in the corresponding circle in your answer folder.

S1 Sam has a 30-gallon aquarium for his fish. Which metric unit of measure is best for calculating the volume of the tank?

A. liter

B. centimeter

C. millimeter

D. meter

Multiple-Choice Sample Answer

S1 ● Ⓑ Ⓒ Ⓓ

For this sample question, the answer selected was **A**. Therefore, in the answer folder, circle **A** was filled in.

GO ON

Open-Ended Sample Question

For this type of question, you will write an answer in your answer folder that may consist of a few words or numbers, or an explanation to support your answer.

S2 Paul rakes leaves in his neighborhood after school and on weekends. The chart below shows Paul's work record for the week.

Complete the chart by finding the number of hours and minutes Paul worked each day.

Day	Starting Time	Ending Time	Amount of Time Spent in hours (hr) and minutes (min)
Tuesday	4:00	5:30	
Wednesday	6:15	7:15	
Friday	3:30	5:30	
Saturday	2:00	3:15	

How many total hours and minutes did Paul rake leaves during the week? Use the space in your answer folder to show your work and record your answer.

Open-Ended Sample Answer

S2

Show your work here.

Day	
Tuesday	1 hr 30 min
Wednesday	1 hr 0 min
Friday	2 hr 0 min
Saturday	1 hr 15 min

1 hr 30 min
1 hr 0 min
2 hr 0 min
\+ 1 hr 15 min
---
5 hr 45 min

Answer: 5 hr 45 min

For this sample question you would find the number of hours and minutes Paul worked each day and complete the chart in your answer folder, and find how many total hours and minutes Paul worked during the week, and write 5 hr 45 min on the line in your answer folder.

DO NOT GO ON UNTIL YOU ARE TOLD TO DO SO.

1 Jim sorted 5 wood pieces according to length (shortest to longest). The pieces of wood measured 13.25 inches, 13.3 inches, 13.008 inches, 12.999 inches, and 13.03 inches. In which order did Jim arrange the wood?

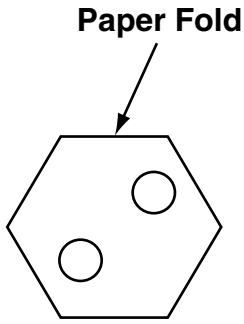
A. 12.999 in., 13.25 in., 13.3 in., 13.008 in., 13.03 in.

B. 12.999 in., 13.3 in., 13.008 in., 13.25 in., 13.03 in.

C. 12.999 in., 13.008 in., 13.25 in., 13.03 in., 13.3 in.

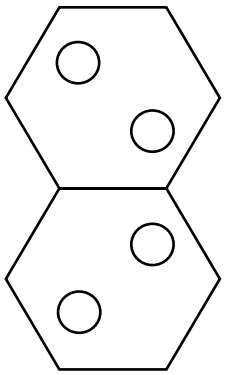
D. 12.999 in., 13.008 in., 13.03 in., 13.25 in., 13.3 in.

2 Jennifer is making designs by folding paper and cutting sections of the folded paper. The picture shows the cuts she made.

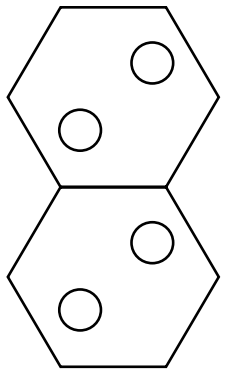


When she unfolded her paper, what did her design look like?

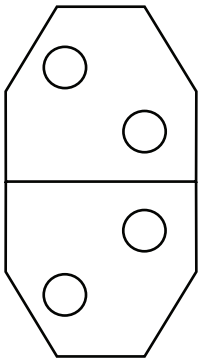
A.



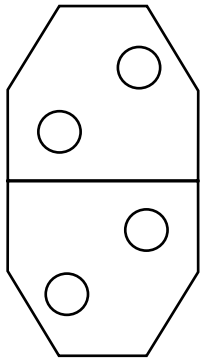
C.



B.



D.



GO ON

3 Linda's father is a doctor. He says that the average height of his male patients is 6 feet. How many inches are in 6 feet?

A. 68 inches

B. 72 inches

C. 76 inches

D. 84 inches

4 The students at Carlos' elementary school want to sell 210 tickets to a school play. They have sold 54 tickets. Carlos wants to write an equation to find how many more tickets, *t*, need to be sold. Which equation should Carlos write?

A. $t \times 54 = 210$

B. $t - 54 = 210$

C. $54 - t = 210$

D. $54 + t = 210$

5 Olaf and his mother were making pancakes for breakfast. The recipe called for $3\frac{2}{5}$ cups of flour. Which of the following decimals is equivalent to $3\frac{2}{5}$?

A. 3.25

B. 3.4

C. 3.6

D. 3.75

GO ON

6 Marcy does jumping jacks every Monday for 12 Mondays. The chart below shows how many jumping jacks she does on each Monday.

Marcy's Exercise Chart

Monday	Number of Jumping Jacks
1	14
2	19
3	25
4	32
5	40
6	49
7	59
12	?

If the pattern continues, how many jumping jacks will Marcy do on the 12th Monday?

A. 76

B. 90

C. 124

D. 150

---

7 Sedrick and James are playing a game with a single pile of 10 cards. The object of the game is to take the last card(s). A player must take at least 1 card on each turn but cannot take more than 3 cards. Sedrick starts. He takes 3 cards. Next, James takes 2 cards. James ends up winning the game. What could be the last two moves?

A. Sedrick takes 2; James takes 3.

B. Sedrick takes 3; James takes 3.

C. Sedrick takes 2; James takes 4.

D. Sedrick takes 4; James takes 1.

8 Leah's car has a gasoline tank that holds 20 gallons of gas. On Monday, Leah paid $2.23 per gallon of gas. If gas goes up $0.11 per gallon, how much more will Leah pay for 20 gallons of gas?

A. $0.11

B. $2.20

C. $2.34

D. $46.80

GO ON

9 Nolan's class had a pizza party. Each pizza had 6 slices, and the students in the class ate all the pizza. Of the 24 students in the class, 12 ate 2 slices of pizza and 12 ate 3 slices. Which number sentence would find the total number of pizzas purchased?

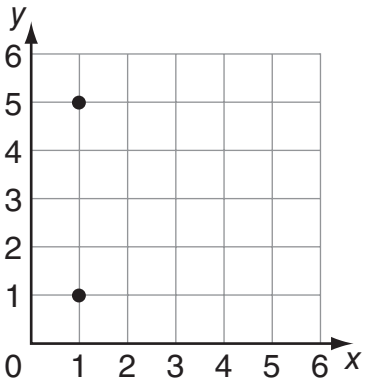
A. $n = (36 + 24) \div 6$

B. $n = (36 + 24) \times 6$

C. $n = (3 \times 12) + (2 \times 12)$

D. $n = (36 \div 6) \times (24 \div 6)$

10 Jessica will graph a right triangle. There are already two points on the graph.



Which could be her third point?

A. (2, 3)

B. (1, 3)

C. (5, 3)

D. (3, 5)

11 Malinda collects four-leaf clovers. She wants to collect 100 before winter. She made a table showing how many she collected each week for the first 3 weeks.

Malinda's Four-Leaf Clovers

Week	Number of Four-Leaf Clovers
1	31
2	27
3	23

If the pattern shown in the table continues, in which week will she find the 100th four-leaf clover?

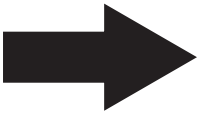
A. Week 3

B. Week 4

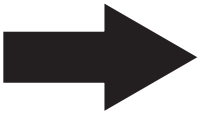
C. Week 5

D. Week 6

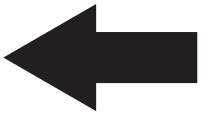
12 Daron drew the arrow shown below on a piece of paper.



If he turns his paper 90° clockwise, what is the resulting image of this rotation?

A. 

B.

C. 

D.

13 Ms. Callaway asked the students in her language class how many minutes they spent reading last week. The students gave the following answers: 130, 205, 75, 60, 90, 45, 60, 200, 65, 130, 60, 85, 50, 180, 130, 55, 75, 60, 95, and 150. What is the mode of the data?

A. 60

B. 80

C. 100

D. 160

14 Ricky lives 1,000 meters from his best friend's house. About how many yards are in 1,000 meters?

A. about 700 yards

B. about 900 yards

C. about 1,100 yards

D. about 2,000 yards

15 Evan and his family were driving to visit his grandmother. They got on the New Jersey Turnpike at Exit 3. His grandmother lives off Exit 6A. The total charge for the tolls was $1.70. The expression below shows the tolls for each exit they passed.

$$\$0.45 + x + \$1.00$$

What is the value of x?

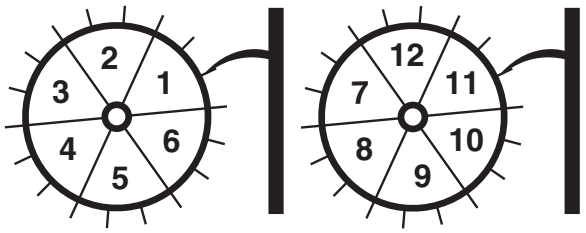
A. $0.25

B. $0.55

C. $1.25

D. $1.45

16 Lawanda is playing a board game. She spins the 2 spinners shown and adds the 2 numbers. As shown below, she spins a sum of 12.



How many different ways can she get the sum of 12 using both spinners?

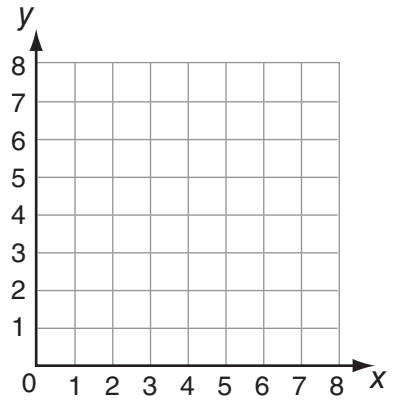
A. 1

B. 2

C. 4

D. 5

17 Troy wants to graph a rhombus on the coordinate grid shown below.



Which set of ordered pairs should Troy use for the vertices of the rhombus?

A. (3, 0), (2, 2), (3, 6), (4, 2)

B. (2, 0), (2, 5), (4, 5), (4, 0)

C. (1, 2), (3, 0), (5, 2), (3, 4)

D. (3, 0), (2, 3), (3, 5), (4, 3)

18 There are 12 cans of soda in a cooler; 2 of the cans are cola. If LaTasha pulls 1 can out of the cooler without looking, what is the probability that she will pull out a can of cola?

A. 1 in 5

B. 1 in 6

C. 1 in 10

D. 1 in 12

19 Kyra has $20. She wants to buy a book that costs d dollars. Which expression shows how much money Kyra will have left if she buys the book?

A. $d - 20$

B. $d + 20$

C. $20 - d$

D. $20 \div d$

20 On Monday Sergio spent 30 minutes practicing the piano. On Tuesday he spent 20 minutes, and on Wednesday he spent 70 minutes. What is the mean number of minutes he spent practicing on those days?

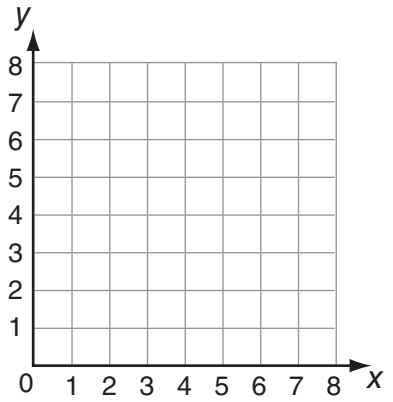
A. 30

B. 40

C. 50

D. 60

21 Cyndi's sister asks what a parallelogram is. Cyndi decides to show her on a grid.



Which of the following coordinates will make the vertices of a parallelogram?

A. (1, 4), (2, 2), (3, 4), (4, 2)

B. (2, 2), (4, 2), (4, 4), (4, 1)

C. (1, 2), (2, 4), (3, 4), (4, 2)

D. (1, 2), (1, 4), (3, 4), (4, 2)

22 Peter and Jai are playing a game using a board like the one shown below. The objective is to move from the X to the O by making a series of moves. A player can move up 1 or 2 spaces, left or right 2 spaces, or diagonally 2 spaces but cannot make the same move twice in a row.

				O
X				

Which 3 moves can Peter or Jai make to get from the X to the O?

A. up 1, right 2, diagonally 2

B. right 2, up 2, left 2

C. right 2, up 2, diagonally 2

D. diagonally 2, right 2, up 1

23 Mrs. Ganza is planning to build a new rectangular brick patio. She plans on using bricks that are 1 foot wide by 2 feet long. She would like the new patio to be 12 feet by 14 feet. She expects that no bricks will need to be cut.

Part A

Mrs. Ganza uses only whole 1-foot-by-2-foot bricks. State how many bricks should be used. Justify your answer.

Part B

Determine the total area and the perimeter of the new patio. Show all your work.

CLOSE YOUR TEST BOOKLET.