

Special Instructions for the  
Braille Edition of the  
**Grade 5**  
**Mathematics**  
**Practice Test Booklet**

### General Comments

1. Braille pages are numbered sequentially in the lower right-hand corner. The corresponding print page numbers are in the upper right-hand corner.
2. A Special Symbols page is included to provide the student with information about the dot formation of special braille characters. A Transcriber's Note page is included within the test to explain special format and layout of information.
3. Mathematical content is transcribed according to *The Nemeth Braille Code for Mathematics and Science Notation*, 1972 Revision, 2007-2016 Updates including the *Guidance for Transcription Using the Nemeth Code within UEB Contexts*.
4. The footers "Go on" are deleted in braille.
5. All references to the answer sheet are omitted in braille. The Answer Sheet is not reproduced in braille.
6. The calculator icons are not included in braille.
7. There are no tactile graphics in this test. Visual information is replaced with descriptions included as a transcriber's note or within the question.

### Specific Comments:

Page 2

Directions revised to read as follows:

**Directions:**

Today, you will take Unit 1 of the Grade 5 Mathematics Practice Test. You will not be able to use a calculator.

Read each question. Then, follow the directions to answer each question. Write your answer. If you need to change an answer, erase it, cross it out or start a new line. If a question asks you to show or explain your work, you must do so to receive full credit. Work done on scratch paper will not be scored.

If you do not know the answer to a question, you may go on to the next question. If you finish early, you may review your answers and any questions you did not answer in this unit ONLY. Do not go past the word STOP.

Page 3

Directions revised to read as follows:

**Answer Grid Items**

Several items in this test require you to enter your answer on a special grid. The sample pictures of the answer grids are omitted in braille. The answer grid has six answer boxes to write a numeral or decimal point.

## Directions for Completing the Answer Grids

1. Work the problem and find an answer.
2. Give your answer by using a braille writing device (e.g., braillewriter, braille note-taker, slate and stylus) or other method so that when transcribed, it will fit into the answer grid.
3. Answers may take up to six spaces to fit in the grid. Answers may include a numeral or decimal point, but do not count braille numeric indicators when determining use of the six spaces in the grid. Do not leave a blank space in the middle of an answer.
4. Fractions cannot be entered into an answer grid and will not be scored. Insert fractions as decimals.

Page 6, #3

Part A last sentence reworded, "Write your equation and your solution."

Part B last sentence reworded, "Write your expression and your explanation."

Part C last sentence reworded, "Write your answer."

Page 7, #5

A picture description is inserted as a Transcriber's Note— Rectangular prism: The key shows 1 block is equal to 1 unit cube. The prism is 5 blocks wide, 3 blocks high, and 4 blocks deep.

Last sentence reworded, "Write your answer."

Page 8, #6

A picture description is inserted as a Transcriber's Note— Right rectangular prism: The prism is 4 cubes wide, 5 cubes high, and 3 cubes deep.

Last sentence reworded "Write your answers and your explanations."

Page 11, #11

Last sentence reworded, "Write your answer and your work or explanation."

Page 13

Second bullet reworded, "Then, close your test booklet and raise your hand to turn in your test materials."

Page 14

Directions revised to read as follows:

**Directions:**

Today, you will take Unit 2 of the Grade 5 Mathematics Practice Test. You will not be able to use a calculator.

Read each question. Then, follow the directions to answer each question. Write your answer. If you need to change an answer, erase it, cross it out or start a new line. If a question asks you to show or explain your work, you must do so to receive full credit. Work done on scratch paper will not be scored.

If you do not know the answer to a question, you may go on to the next question. If you finish early, you may review your answers and any questions you did not answer in this unit ONLY. Do not go past the word STOP.

Page 15

Directions revised to read as follows:

**Answer Grid Items**

Several items in this test require you to enter your answer on a special grid. The sample pictures of the answer grids are omitted in braille. The answer grid has six answer boxes to write a numeral or decimal point.

Directions for Completing the Answer Grids

1. Work the problem and find an answer.
2. Give your answer by using a braille writing device (e.g., braillewriter, braille note-taker, slate and stylus) or other method so that when transcribed, it will fit into the answer grid.
3. Answers may take up to six spaces to fit in the grid. Answers may include a numeral or decimal point, but do not count braille numeric indicators when determining use of the six spaces in the grid. Do not leave a blank space in the middle of an answer.
4. Fractions cannot be entered into an answer grid and will not be scored. Insert fractions as decimals.

Page 17, #14

Part B last sentence reworded, "Write your answer."

Page 19, #17

A picture description is inserted as a Transcriber's Note– Coordinate plane: Quadrant I of a Cartesian grid is shown. Both the x- and y-axis values are labeled from 0 (the point of origin) to 10 in increments of 1. A solid dot is located above the 6 on the x-axis and to the right of the 4 on the y-axis.

Page 20, #18

Last sentence reworded, "Write your answers and your work or explanation."

- Page 22, #20 A picture description is inserted as a Transcriber's Note– Area model: The title is "Teacher's Model for  $6,986 \div 8$ " and it is has been identified as "not to scale." The model is a rectangle divided into three equal sections (left, center, right).
- Left section
    - Inside: M
    - Above: 800
    - Beside: 8
  - Center section
    - Inside: 560
    - Above: N
  - Right section
    - Inside: Q
    - Above: P
    - Above/Right: R inside a square
- Last sentence reworded, "Write your answers and your explanations."
- Page 23 Second bullet reworded, "Then, close your test booklet and raise your hand to turn in your test materials."
- Page 24 Directions revised to read as follows:
- Directions:**
- Today, you will take Unit 3 of the Grade 5 Mathematics Practice Test. You will not be able to use a calculator.
- Read each question. Then, follow the directions to answer each question. Write your answer. If you need to change an answer, erase it, cross it out or start a new line. If a question asks you to show or explain your work, you must do so to receive full credit. Work done on scratch paper will not be scored.
- If you do not know the answer to a question, you may go on to the next question. If you finish early, you may review your answers and any questions you did not answer in this unit ONLY. Do not go past the word STOP.
- Page 25 Directions revised to read as follows:
- Answer Grid Items**
- Several items in this test require you to enter your answer on a special grid. The sample pictures of the answer grids are omitted in braille. The answer grid has six answer boxes to write a numeral or decimal point.
- Directions for Completing the Answer Grids
1. Work the problem and find an answer.

2. Give your answer by using a braille writing device (e.g., braillewriter, braille note-taker, slate and stylus) or other method so that when transcribed, it will fit into the answer grid.
3. Answers may take up to six spaces to fit in the grid. Answers may include a numeral or decimal point, but do not count braille numeric indicators when determining use of the six spaces in the grid. Do not leave a blank space in the middle of an answer.
4. Fractions cannot be entered into an answer grid and will not be scored. Insert fractions as decimals.

- Page 26, #21      Sentence reworded, "Write your answer."
- Page 27, #22      Last sentence reworded, "Write your answer."
- Page 28, #23      Part A: Transcriber's note— Each answer choice shows Quadrant I of a Cartesian grid. The x-axis is labeled "Rounds of Play," and the y-axis is labeled "Score." Both the x- and y-axis values are labeled from "0" (the point of origin) to 10 in increments of 1. Three solid dots are located on each answer choice grid. Each answer choice shows Quadrant I of a Cartesian grid. The x-axis is labeled Rounds of Play, and the y-axis is labeled Score. Both the x- and y-axis values are labeled from 0 (the point of origin) to 10 in increments of 1. Three solid dots are located on each answer choice grid.
- A. solid dot above the 1 on the x-axis and to the right of the 3 on the y-axis  
solid dot above the 2 on the x-axis and to the right of the 6 on the y-axis  
solid dot above the 3 on the x-axis and to the right of the 3 on the y-axis
  - B. solid dot above the 3 on the x-axis and to the right of the 1 on the y-axis  
solid dot above the 3 on the x-axis and to the right of the 3 on the y-axis  
solid dot above the 6 on the x-axis and to the right of the 2 on the y-axis
  - C. solid dot above the 0 on the x-axis and to the right of the 3 on the y-axis  
solid dot above the 1 on the x-axis and to the right of the 6 on the y-axis  
solid dot above the 2 on the x-axis and to the right of the 3 on the y-axis
  - D. solid dot above the 1 on the x-axis and to the right of the 2 on the y-axis  
solid dot above the 2 on the x-axis and to the right of the 5 on the y-axis  
solid dot above the 3 on the x-axis and to the right of the 2 on the y-axis
- Page 29, #24      Sentence reworded, "Write your answer."
- Page 30, #26      Last sentence reworded, "Write your answer."
- Page 30, #27      A picture description is inserted as a Transcriber's Note— Number line:  
Horizontal line with arrows on both ends. Twelve tick marks are spaced evenly along the line with the first tick mark labeled 0. Starting at 0, the eighth tick mark is labeled 1, and a solid dot is shown just to the left of the fifth tick mark.  
Last sentence reworded, "Write your answer and explanations."

Page 32, #31      Part A last sentence reworded, "Write your answer."  
Part B last sentence reworded, "Write your answer."

Page 33            Second bullet reworded, "Then, close your test booklet and raise your hand  
to turn in your test materials."