

Special Instructions for the
Braille Edition of the
Grade 7
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 7 Mathematics Practice Test. Unit 1 has two sections. In the first section, you may not use a calculator. In the second section, you may use a calculator. **You will not be allowed to return to the first section of the test after you start the calculator section.** You must complete both the non-calculator and calculator sections of Unit 1 within the time allowed.

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. When you finish the first section, you may review your answers and any questions you did not answer in this section ONLY. Once you have reviewed your answers, continue to the calculator section. When you are ready to go on to the calculator section, raise your hand to receive your calculator.

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 seven answer boxes to write a numeral or decimal point. The first answer box is only used to indicate the negative symbol.

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 seven 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, #2

Last sentence reworded, "Write your answer."

Page 7, #3

A picture description is inserted as a Transcriber's note— Line graph: The x-axis is labeled Weight (pounds) and the values range from 0 to 2.75 in increments of .25. Starting at 0, every other grid line is labeled in increments of .5. The y-axis is labeled Total Cost (\$) and the values range from 0 to 11 in increments of 1. Starting at 0, every other grid line is labeled in increments of 2. Starting at 0, a solid ray is plotted diagonally from (0, 0) to (2.75, 11) moving one line to the right and one line up at each increment of weight.

Page 10, #9

Last sentence reworded, "Write your answer."

Page 11, #10

Transcriber's note— Answer choices A, B, and C contain a Cartesian grid. Both the x- and y-axis values are labeled from -4 to 4 in increments of 1. A solid line with an arrowhead on both ends is plotted on each answer choice grid.

- A. The diagonal line is plotted from $(-5, -2)$ to $(2, 5)$ passing through $(-3, 0)$ on the x-axis and $(0, 3)$ on the y-axis.
- B. The diagonal line is plotted from $(-1.6, -5)$ to $(1.6, 5)$ passing through $(-1, -3)$ in Quadrant III, through $(0, 0)$, and through $(1, 3)$ in Quadrant I.
- C. The diagonal line is plotted from $(-5, -1.6)$ to $(5, 1.6)$ passing through $(-3, -1)$ in Quadrant III, through $(0, 0)$, and through $(3, 1)$ in Quadrant I.
- Transcriber's note— Columns and rows are interchanged in the tables below.

- Page 13, #13 Last sentence reworded, "Write your answer."
- Page 16, #14 Part A: Last sentence reworded, "Write your answer."
Part B: Last sentence reworded, "Write your answer."
- Page 16, #15 Last sentence reworded, "Write your answers and your work or explanation."
- Page 17 Second bullet reworded, "Then, close your test booklet and raise your hand to turn in your test materials."
- Page 18 Directions revised to read as follows:
Directions:
Today, you will take Unit 2 of the Grade 7 Mathematics Practice Test. You will 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 19 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 seven answer boxes to write a numeral or decimal point. The first answer box is only used to indicate the negative symbol.
- 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 seven 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 21, #17	A picture description is inserted as a Transcriber's note— Spinner: A circle is divided into eight equal sections. Starting at the top and moving clockwise, the sections are labeled 1, 2, 4, 2, 5, 3, 1, 2.
Page 23, #19	Last sentence reworded, "Write the identified step, your work, and the final answer."
Page 24, #21	Fourth sentence reworded, "The results are shown in the table on the next page." Last sentence reworded, "Write your approximation, explanation, and equation."
Page 25	A picture description is inserted as a Transcriber's note— Number line: Horizontal line with arrows on both ends. Thirty nine tick marks are spaced evenly along the line with the fourth tick mark labeled -4 and the thirty sixth tick mark labeled 4. Starting at -4, every fourth tick mark is labeled with a whole number in increments of 1. One solid dot, labeled P, is located between 2 and 3 on the thirtieth tick mark.
Page 25, #22	Part A: Last sentence reworded, "Write your answer and your explanation." Part B: Last sentence reworded, "Write your explanation and your inequality."
Page 26, #23	Part A: Last sentence reworded, "Write your answer." Part B: Last sentence reworded, "Write your answer."
Page 27	Second bullet reworded, "Then, close your test booklet and raise your hand to turn in your test materials."
Page 28	Directions revised to read as follows: Directions: Today, you will take Unit 3 of the Grade 7 Mathematics Practice Test. You will 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 29

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 seven answer boxes to write a numeral or decimal point. The first answer box is only used to indicate the negative symbol.

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 seven 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 32, #25

Part A: A picture description is inserted as a Transcriber's note— A circle is divided into ten equal sections. Starting at the top and moving clockwise, the sections are labeled blue, yellow, red, blue, yellow, green, blue, red, blue, yellow.

Page 33, #25

Part B: A picture description is inserted as a Transcriber's note— Part B: Bar graph: The title is Lori's Simulation Results. The horizontal values are labeled, Number of Spins Needed to Land on Each Color Once and go from 4 to 16. The vertical values are labeled, Relative Frequency and range from 0 to 0.20 in increments of 0.04. Each line contains a value label. The data is as follows:

- 4 Spins Needed: bar stops at 0.08.
- 5 Spins Needed: bar stops at 0.12.
- 6 Spins Needed: bar stops at 0.16.
- 7 Spins Needed: bar stops at 0.12.

8 Spins Needed: bar stops at 0.08.
 9 Spins Needed: bar stops at 0.04.
 10 Spins Needed: bar stops at 0.08.
 11 Spins Needed: bar stops at 0.04.
 12 Spins Needed: bar stops at 0.08.
 13 Spins Needed: bar stops at 0.04.
 14 Spins Needed: bar stops at 0.04.
 15 Spins Needed: bar stops at 0.04.
 16 Spins Needed: bar stops at 0.08.

Last sentence reworded, "Write your answer."

Page 33, #26 Last sentence reworded, "Write your answer, your explanation, and your example."

Page 34, #27 A picture description is inserted as a Transcriber's note— Dot plots: The title of the first dot plot is Brand X and the data is labeled as Number of Almonds. The line plot consists of a number line with seven tick marks evenly spaced along the line. The first tick is labeled 40, and the last tick is labeled 70. Every tick mark is labeled with a whole number in increments of 5. The number of dots placed in a single line vertically above the line are as follows: 1 dot just to the left of 50, 1 dot just to the right of 50, 2 dots less than halfway between 55 and 60, 1 dot directly above 60, 1 dot less than halfway between 60 and 65, 1 dot directly above 65, 2 dots less than halfway between 65 and 70, and 1 dot just to the left of 70.

The title of the second dot plot is Brand Y and the data is labeled as Number of Almonds. The line plot consists of a number line with seven tick marks evenly spaced along the line. The first tick is labeled 40, and the last tick is labeled 70. Every tick mark is labeled with a whole number in increments of 5. The number of dots placed in a single line vertically above the line are as follows: 2 dots less than halfway between 50 and 55, 1 dot more than halfway between 50 and 55, 2 dots directly above 55, 1 dot less than halfway between 55 and 60, 2 dots more than halfway between 55 and 60, and 2 dots less than halfway between 60 and 65.

Page 36, #29 Part A: Last sentence reworded, "Write your explanation and your equation."
 Part B: Last sentence reworded, "Write your answer and your work or explanation."

Page 38 Fourth sentence reworded, "The table on the next page shows the number of students from each class who chose each location."

A key is inserted as a Transcriber's note before the table:

Key:

zo Number of Students Who Chose the Zoo

mu Number of Students Who Chose the Museum

pl Number of Students Who Chose the Planetarium

Page 40

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