

Gridded Response Practice Activity



End-of-Grade Mathematics Grade 5

Published July 2019



Public Schools of North Carolina

Department of Public Instruction | State Board of Education
Division of Accountability Services/North Carolina Testing Program

Copyright © 2019 by the North Carolina Department of Public Instruction. All rights reserved.

Stock No.
19865

In compliance with federal law, the NC Department of Public Instruction administers all state-operated educational programs, employment activities, and admissions without discrimination because of race, religion, national or ethnic origin, color, age, military service, disability, or gender, except where exemption is appropriate and allowed by law. Inquiries or complaints regarding discrimination issues should be directed to:

David Stegall, Ed.D., Deputy Superintendent of Innovation
6307 Mail Service Center
Raleigh, NC 27699-6307
Telephone (919) 807-3970

Directions

Some of the questions on your mathematics test are gridded response questions. These questions will require you to write and bubble a numerical answer on your answer sheet rather than to select an answer from several choices.

To record your answer for a gridded response question:

1. First, write your answer in the empty boxes on the top row of the grid. Write only one digit or symbol in each box. Use **only** symbols that are provided in the circles. Spaces are permitted before or after your answer but not within the answer.
 - **Symbols**—Do **not** use symbols such as commas or dollar signs. Use **only** symbols that are provided in the circles.
 - **Mixed Numbers**—A mixed number must be changed and entered as an improper fraction or a decimal. For example, the mixed number four and one-half could be entered as $9/2$ or as 4.5, with a decimal.
 - **Equal answers**—Entries equal to the correct answer are acceptable. For example, if the answer to a question is $2/4$, it can be entered as $2/4$, $1/2$, 0.5, 00.5, or .5000 as well as other equivalent numbers.
2. Bubble in (darken) the corresponding circle below each box. **Scoring is based on the darkened circles.** Make sure a dark mark completely fills the circle in each column that matches what you have printed in the grid.

The diagram illustrates a gridded response area with a 6x10 grid of boxes. The top row consists of six empty boxes for writing the answer. Below each box is a column of circles. The first column contains a circle with a division sign (/). The second column contains a circle with a decimal point (.). The remaining four columns contain circles with digits 0 through 9. Arrows point from instructional text boxes to specific parts of the grid.

Write your answer in the empty boxes on the top row. Enter only one digit or symbol in each box.

The second row of circles is decimal points.

Circles are for bubbling (darkening) digits.

Remember: Spaces are not permitted within your answer.

The division sign (/), to indicate fractions, is located in the top row of circles.

Darken one circle in each column that matches your answer printed in the grid.

Gridded Response Practice Activity

Enter the numbers below into the grids. Use the top row of boxes to write the number, then be sure to bubble the correct circle below each entry.

Follow the guidelines from the previous page. You will be able to check your entries on the next page.

A
3/2

	/	/	/	/	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

B
5/10

	/	/	/	/	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

C
4½

	/	/	/	/	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

D
5,600

	/	/	/	/	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

E
\$25.99

	/	/	/	/	
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Notice: Sometimes your answer will not need all six columns. If you do not have a digit in a box on the top row, do not bubble anything in the column underneath. Spaces are permitted before or after the answer, but do not leave spaces within the answer. Spaces in a number are not permitted.

Last Step: Make sure a dark mark completely fills the circle in each column that matches what you have printed in the grid. Double check that you have bubbled the correct circle beneath the number or symbol you have written in each box.

Gridded Response Practice Activity

Correct Entries

A
3/2

3	/	2			
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

B
5/10

		5	/	1	0
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

C
4 $\frac{1}{2}$

		4	.	5	
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

D
5,600

	5	6	0	0	
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

E
\$25.99

	2	5	.	9	9
0	0	0	0	0	0
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9

Question	Answer	Correct Way(s) to Grid	Comments
A	3/2	3/2 1.5	Equal numbers are acceptable.
B	5/10	5/10 1/2 0.5 .5	Equal numbers are acceptable.
C	4 $\frac{1}{2}$	9/2 4.5	Mixed numbers must be changed to an improper fraction or decimal.
D	5,600	5600	Commas are not permitted.
E	\$25.99	25.99	Dollar signs are not permitted.

Additional Information: Grade-level-specific guidelines, practice sheets, and examples for math gridded response items can be found at <http://www.ncpublicschools.org/accountability/testing/eog/math/>.