

# Assessment Brief



Public Schools of North Carolina • State Board of Education • North Carolina Department of Public Instruction • June St. Clair Atkinson Ed.D., State Superintendent

## North Carolina READY Gridded Response Practice Activity End-of-Grade Mathematics Grade 5 and Grades 6–8 End-of-Course Math I

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*This brief is available on the North Carolina Department of Public Instruction (NCDPI) Accountability website, [www.ncpublicschools.org/accountability/testing](http://www.ncpublicschools.org/accountability/testing).*

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### North Carolina Gridded Response Practice Activity

The North Carolina READY End-of-Grade (EOG) Mathematics Grade 5, EOG Mathematics Grades 6–8, and End-of-Course (EOC) Math I paper-and-pencil assessments contain gridded response questions. These questions require a student to write and bubble numerical answers on the answer sheet rather than to select an answer from several choices. All gridded response questions are in the calculator inactive portion of the tests.

The North Carolina Department of Public Instruction (NCDPI) requires students take the Gridded Response Practice Activity before the administration of the paper-and-pencil EOG Mathematics Grades 5–8 and EOC Math I tests. The practice activity is not required for students taking the online EOG or EOC Mathematics tests. For online administrations, students are required to type a numerical answer into a text box. The required practice activity is not a test. It provides students with an opportunity to become familiar with the gridded response format before the administration of the EOG or EOC Mathematics tests. While using the practice activity, teachers should help students understand recording procedures to minimize student anxiety and mistakes during the actual test administration. Guidelines, practice pages, and examples for gridded responses are located on the NCDPI website at <http://dpi.state.nc.us/accountability/testing/eog/math/>.

### Directions for Recording Answers to Gridded Response Items

Students must use the top row of boxes on the grid to write their numerical answer. Only one digit or symbol is to be in each box; only the symbols that are provided in the grid circles may be used in the answers. Spaces are permitted before or after the answer, but not within the answer.

- **Negative numbers**—For answers that are negative numbers, students must write the negative sign in the top leftmost column.
- **Symbols**—Students must not use symbols such as commas or dollar signs. Only symbols that are provided in the circles are to be used in answers.
- **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  $\frac{9}{2}$  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  $\frac{2}{4}$ , it can be entered as  $\frac{2}{4}$ ,  $\frac{1}{2}$ , 0.5, 00.5, or .5000 as well as other equivalent numbers.

After students enter their answer in the top row of boxes, they must complete the grid by bubbling in (darkening) the corresponding circle below each box. **Scoring is based on the darkened circles.**

### Sample Grid

Gridded response items are found in the calculator inactive portion of the EOG Mathematics Grades 5-8 and EOC Math I assessments only. Questions on the EOG Mathematics Grade 5 assessment do not contain answers with a negative value. The grids on the Grade 5 EOG mathematics test do not contain a negative symbol.

