

# Mississippi Assessment Program (MAP) Calculator, Ruler, and Protractor Policy Mathematics Grades 3–8 and End-of-Course

## Allowable Calculators

- Grades 3–5: No calculators allowed
- Grades 6 and 7: Four-function calculators with square root and percentage functions
- Grade 8: Scientific calculators
- High school: Graphing calculators (with functionalities consistent with TI-84 or similar models)

## Additionally, schools must adhere to the following guidance regarding calculators:

- Calculators may be used on ALL items on the Algebra I End-of-Course MAP assessments and the Grades 6–8 Mathematics MAP assessments.
- Students will need a hand-held scientific or graphing calculator. These calculator tools are not available in Nextera. A four function calculator is the only calculator tool available in Nextera.
- Calculators with a Computer Algebra System (CAS) feature are not allowed.
- Tablets, laptops (or PDAs), or phone-based calculators are not allowed during MAP assessments.
- Students are not allowed to share calculators within a testing session.
- Test administrators and/or proctors must confirm that memory on all calculators has been cleared before and after each testing session. Failure to comply with this portion of the calculator policy will result in a test security violation.
- Calculators with “QWERTY” keyboards are not permitted.
- If schools or districts permit students to bring their own hand-held calculators for MAP assessment purposes, test administrators must confirm that the calculators meet MAP requirements as defined above.

## Calculator Accommodation Policy

The following are allowable accommodations on the MAP for students with an Individualized Education Program (IEP) or Section 504 Plan who have this testing accommodation specified for this subject area.

- A61—For grades 3–5, a calculator is not used for the assessment.
- A61—For grades 6–8 and Algebra I, the approved type of calculator can be used; however, if any section prohibits the use of a calculator, then a basic four-function calculator could be used in those sections. **NOTE:** This accommodation will remain in place if the overall calculator policy changes. This does not change or replace the Allowable Calculator policy above.

## Ruler and Protractor Policy

A ruler and a protractor are available as tools in Nextera for the grades 3–8 and EOC assessments, as shown in the table below. If students are taking a paper/pencil version of the assessment, they may use a ruler or protractor they are familiar with. A physical ruler and protractor is not allowable for students taking the online assessment.

- Rulers are required tools on MAP items for grades 3–8. Rulers are an allowable tool (but not required) in high school.
- Protractors are required tools on MAP items for grades 4–7. Protractors are an allowable tool (but not required) in grade 8 and high school.
- For computer-based assessments, the grade-appropriate rulers and protractors are provided through the computer-based platform in grades for which rulers and protractors are required.
- For paper-based assessments, rulers and protractors are included in the MAP-provided materials that are shipped to districts/schools in grades for which rulers and protractors are required.

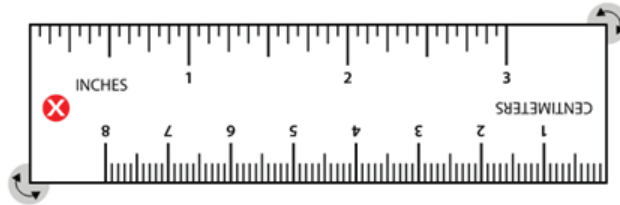
### Summary of Rulers and Protractors on MAP Mathematics Assessments

| Grade(s)/Course(s) | Nextera Provided                   | Allowable (Not Provided) |
|--------------------|------------------------------------|--------------------------|
| Grade 3            | • Ruler (1/4 inch)                 | —                        |
| Grades 4–7         | • Ruler (1/8 inch)<br>• Protractor | —                        |
| Grade 8            | • Ruler (1/8 inch)                 | • Protractor             |
| Algebra I          | —                                  | • Ruler<br>• Protractor  |

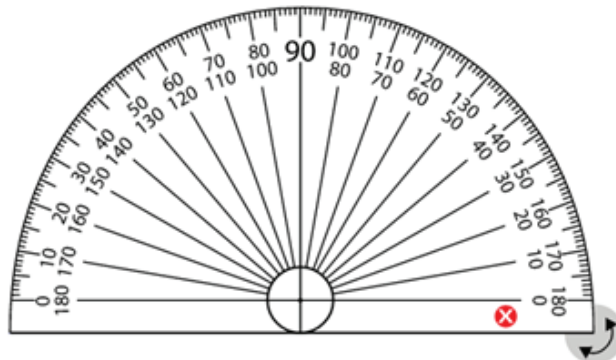
- The School Test Coordinator should give directions to the test administrator to have the allowable—but not required— tools in a pre-determined location in the testing room. Additional administration guidance will be given in the MAP Test Administrator Manual.
- For grades in which rulers or protractors are allowable but not provided, schools may allow students to bring in their own tools (paper-based assessments). If schools allow students to bring their own tools, they must be given to the school test coordinator or test administrator prior to testing to ensure that the tools are appropriate for testing (i.e., tools do not have any writing on them and adhere to the Ruler and Protractor Policy).

## Samples of Available Tools for Online-Based Assessments

Nextera-provided ruler:

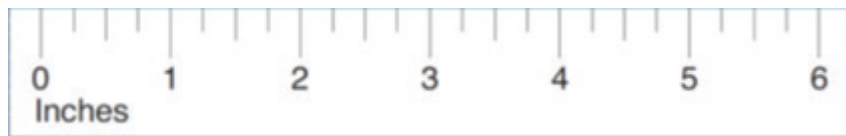


Nextera-provided protractor:

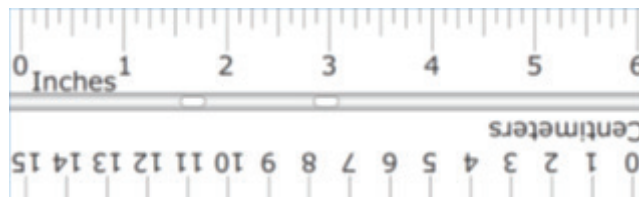


## Samples of Available Tools for Paper-Based Assessments

Grade 3 ruler provided on the MAP paper-based assessments:



Grades 4–8 ruler provided on the MAP paper-based assessments:



Grades 4–7 protractor provided on the MAP paper-based assessments:

