Mississippi Academic Assessment Program (MAAP)
Calculator, Ruler, and Protractor Policy
Mathematics Grades 3–8 and Algebra I

Allowable Handheld Calculators
• Grades 3–5: No calculators allowed
• Grades 6 and 7: Four-function calculators with square root and percentage functions
• Grade 8: Scientific calculators (with functionalities consistent with the TI-30XS or similar models)
• Algebra I: Graphing calculators (with functionalities consistent with TI-84 or similar models)

Additionally, schools must adhere to the following guidance regarding handheld calculators:
• Calculators may be used on ALL items on the Algebra I End-of-Course (EOC) MAAP assessment and the Grades 6-8 Mathematics MAAP assessments.
• Students may use a handheld four-function (Grades 6 and 7), scientific (Grade 8 only), or graphing calculator (Algebra I only).
• Grade 7 and Grade 8 students taking Algebra I (EOC) will only be allowed to use graphing calculators for their Algebra I assessment. Graphing calculators are not allowed on any other assessment.
• Calculators with a Computer Algebra System (CAS) feature or a solver of any kind (e.g., numeric equation, polynomial, and system of linear equations) are not allowed.
• Calculators with “QWERTY” keyboards are not permitted.
• Tablets, laptops (or PDAs), or phone-based calculators are not allowed during MAAP assessments.
• Students are not allowed to share calculators within a testing session.
• Students are not allowed to have multiple handheld calculators on their desk during testing.
• Test administrators and/or proctors must confirm that ALL memory on all calculators has been cleared before and after each testing session. The calculator must have all formulas, applications, and programs (including, but not limited to, Zoom Math/Zoom Algebra and Polynomial Solver) disabled or removed before students use them during any state test. Failure to comply with this portion of the calculator policy will result in a test security violation. Guides for resetting graphing calculator memory can be found in the Mathematics Resources on the MAAP webpage.
• If schools or districts permit students to use personal handheld calculators for MAAP assessment purposes, test administrators must confirm that the calculators meet MAAP requirements as defined above.

TI-108
Grade 6 & 7
Embedded Calculator

TI-30XS
Grade 8
Embedded Calculator

Desmos Testing Graphing Calculator
Algebra I Embedded Calculator

Sample: www.desmos.com/testing/mississippi/graphing
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 familiar ruler or protractor.

- Physical rulers and protractors are **not allowable** for students taking the online assessment.
- Rulers are required tools on MAAP items for grades 3–8. Rulers are an allowable tool (but not required) in high school.
- Protractors are required tools on MAAP 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 not included in the MAAP provided materials that are shipped to districts/schools**. Districts will be responsible for making sure students have access to these tools.

### Sample Nextera-provided ruler:

![Sample Nextera-provided ruler](image)

### Sample Nextera-provided protractor:

![Sample Nextera-provided protractor](image)

**Summary of Rulers and Protractors on MAAP Mathematics Assessments**

<table>
<thead>
<tr>
<th>Grade(s)/Course(s)</th>
<th>Nextera Provided</th>
<th>Paper-Based Assessments (Not Provided)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 3</td>
<td>• Ruler (1/4 inch)</td>
<td>• Ruler (1/4 inch)</td>
</tr>
<tr>
<td>Grades 4–7</td>
<td>• Ruler (1/8 inch) • Protractor</td>
<td>• Ruler (1/8 inch) • Protractor</td>
</tr>
<tr>
<td>Grade 8</td>
<td>• Ruler (1/8 inch) • Protractor</td>
<td>• Ruler (1/8 inch) • Protractor</td>
</tr>
<tr>
<td>Algebra I</td>
<td>• Ruler • Protractor</td>
<td>• Ruler • Protractor</td>
</tr>
</tbody>
</table>

- The School Test Coordinator must give directions to the test administrator to have the allowable tools in a pre-determined location in the testing room. Additional administration guidance will be given in the MAAP Test Administrator Manual.
- For grades in which rulers or protractors are allowable but not provided, schools **may** allow students to use 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).