

Online Mathematics Tools

Table 1. Online Tools Available on the Grades 3, 4, and 5 *Mathematics* Growth Assessments

Grade Level of Test	Grade Level of Items Available to Students	Calculator Assignment	Calculator Type Available ²	Exhibit ³ Formula Sheet	Protractor	Pointer, Answer Eliminator, Highlighter
3	2 ¹	No Calculator	No Calculator	No	No	Yes
		No Calculator	No Calculator	No	No	Yes
	4	Yes	Desmos Virginia 4-Function	No	No	Yes
4	3	No Calculator	No Calculator	No	No	Yes
		Yes	Desmos Virginia 4-Function	No	No	Yes
	5	Yes	Desmos Virginia 4-Function	No	Yes	Yes
5	4	Yes	Desmos Virginia 4-Function	No	No	Yes
		Yes	Desmos Virginia 4-Function	No	Yes	Yes
	6	Yes	Desmos Virginia 4-Function	Yes	Yes	Yes

Additional Tools Available—All Grades 3, 4, and 5 *Mathematics* Growth Assessments have the following tools available on the test tool bar: Inch Ruler, Centimeter Ruler, and Straightedge. A drawing interaction area may be placed around artwork or graphs in the question or answer options on certain questions.

Foot Notes

¹ Grade 2 items will be available as field-test items only in the Grade 3 *Mathematics* Growth Assessment for 2022-2023.

² The calculator will only appear on the tool bar for items that are assessed with the use of a calculator.

³ The Exhibit will display the Middle School Mathematics Formula Sheet for items that assess grade 6 mathematics content.

Online Mathematics Tools

Table 2. Online Tools Available on the Grades 6, 7, and 8 *Mathematics* Growth Assessments

Grade Level of Test	Grade Level of Items Available to Students	Calculator Assignment	Calculator Type Available ¹	Exhibit ² Formula Sheet	Protractor	Pointer, Answer Eliminator, Highlighter
6	5	Yes	Desmos Virginia Scientific	No	Yes	Yes
		Yes	Desmos Virginia Scientific	Yes	Yes	Yes
	7	Yes	Desmos Virginia Scientific	Yes	No	Yes
7	6	Yes	Desmos Virginia Scientific	Yes	Yes	Yes
		Yes	Desmos Virginia Scientific	Yes	No	Yes
	8	Yes	Desmos Virginia Scientific	Yes	No	Yes
8	7	Yes	Desmos Virginia Scientific	Yes	No	Yes
		Yes	Desmos Virginia Scientific	Yes	No	Yes

Additional Tools Available—All Grades 6, 7, and 8 *Mathematics* Growth Assessments have the following tools available on the test tool bar: Inch Ruler, Centimeter Ruler, and Straightedge. A drawing interaction area may be placed around artwork or graphs in the question or answer options on certain questions.

Foot Notes

¹ The calculator will only appear on the tool bar for items that are assessed with the use of a calculator.

² The Exhibit will display the Middle School Math Formula Sheet for items that assess grade 6, 7, or 8 mathematics content.