

Desmos calculators are available on the North Carolina Assessments. The calculators you'll see on your exam may differ from what's available for free on desmos.com.



Four-Function Calculator: Grades 3-5 Math

Convert decimals to fractions	The calculator on your test includes a button that converts decimals to fractions automatically.
Additional function buttons	A fraction button is enabled in addition to the square root button.



Scientific Calculator: Grades 6-8 Math

Function definitions	You cannot define functions on your test.
Keypad	The keypad on your test is alphabetical (rather than QWERTY like on desmos.com).



Graphing Calculator: Grade 8 Math, NC Math 1 & above

Images, folders, and notes	Images, folders, and notes are disabled on your test.
Keypad	The keypad on your test is alphabetical (rather than QWERTY like on desmos.com).
Default angle mode	The calculator on your test defaults to degrees (rather than radians like on desmos.com).
Graph single-variable implicit equations	The calculator does not graph equations with a single variable defined implicitly.
Log Mode for regressions	The calculator on your test automatically checks Log Mode when working with applicable exponential, logarithmic, and power regressions.
Actions	Actions are disabled on your test.
Substitution	Substituting values using the functions with or for is disabled on your test.
Log axes	You cannot set your axes to a logarithmic scale on your test.
Tone	Tone is disabled on your test.
Disabled functions by category	<div>The following functions are disabled on your test:<ul style="list-style-type: none">• Trig functions, hyperbolic functions, and their inverses: csc, sec, cot, arccsc, arcsec, arccot, csch, sech, coth, arccsch, arccoth, arcsech• Statistics: mad, cov, covp• Geometry: distance, midpointLearn more about these functions on our Supported Functions page.</div>

If you'd like to practice using the testing versions of the calculators, which are configured with the listed changes, visit our [Testing page](#). All Desmos calculators are designed to be accessible to students with low vision or who are blind. For more information, visit our [Accessibility page](#).