

State Test: PSSA, Keystone, CDT, and Firefly

Desmos calculators are available on the PSSA, Keystone, CDT, and Firefly Assessments. The calculators you'll see on your exam may differ from what's available for free on desmos.com.



Four-Function Calculator

The Four-Function Calculator does not differ from the one on desmos.com.



Scientific Calculator

Complex numbers	<u>Complex numbers</u> are disabled on your test.
Function definitions	You cannot define functions on your test.





Graphing Calculator

Images, folders, and notes	Images, folders, and notes are disabled on your test.
Actions	<u>Actions</u> are disabled on your test.
Complex numbers	<u>Complex numbers</u> are disabled on your test.
Graph implicit equations	The calculator does not graph equations defined implicitly.
Log axes	You cannot set your axes to a logarithmic scale on your test.
Recursive functions	<u>Recursive functions</u> are disabled on your test.
Regression templates	<u>Regression templates</u> are disabled on your test.
Sliders	The calculator on your test does not add <u>sliders</u> when you input free variables.
Substitution	Substituting values using the functions <u>with</u> or <u>for</u> is disabled on your test.
Disabled functions by category	<p>The following functions are disabled on your test:</p> <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, midpoint • Visualizations: histogram, dotplot, boxplot • Probability distributions: normaldist, tdist, chisqdist, uniformdist, binomialdist, poissondist, geodist, pdf, cdf, inversecdf, random • Inference: ztest, ttest, zproptest, chisqtest, chisqgof, null, p, pleft, pright, score, dof, stderr, conf, lower, upper, estimate <p>Learn more about these functions on our Supported Functions page.</p>

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Find Your Testing Calculator:

Assessment	 Four-Function	 Scientific	 Graphing
PSSA Mathematics Grades 4–5 PSSA Science Grade 5 Firefly Mathematics Grades 4–5 Firefly Science Grade 5	✓		
PSSA Mathematics Grade 6 PSSA Science Grade 8 Firefly Mathematics Grade 6 Firefly Science Grade 8	✓	✓	
PSSA Mathematics Grades 7–8 Firefly Mathematics Grades 7–8	✓	✓	✓
Keystone Algebra I Firefly Algebra I	✓	✓	✓
Keystone Biology Firefly Biology	✓	✓	
CDT Mathematics 4–8 CDT Algebra I, Geometry, Algebra II	✓	✓	✓
CDT Science 3–8 CDT Biology	✓	✓	

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](#).

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