# Oregon

**State Test**: OSAS

**desmos**
studio PBC

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

## Four-Function Calculator: Grade 6 Math, Grade 5 Science

| | |
|---|---|
| Additional function buttons | A fraction button replaces the square root button on your test. |

## Scientific Calculator: Grades 7-8 Math

| | |
|---|---|
| Convert decimals to fractions | The calculator on your test does not include a button that converts decimals to fractions automatically. |
| 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 11 Math, Grades 8 & 11 Science

| | |
|---|---|
| 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). |
| Actions | Actions are disabled on your test. |
| Convert decimals to fractions | The calculator on your Grade 11 Math test does not include a button that converts decimals to fractions automatically. |
| Graph single-variable implicit equations | The calculator does not graph equations with a single variable defined implicitly. |
| Recursive functions | Recursive functions are disabled on your test. |
| Disabled functions by category | The following functions are disabled on your test:<br>• **Trig functions, hyperbolic functions, and their inverses:** csc, sec, cot, arccsc, arcsec, arccot, csch, sech, coth, arccsch, arccoth, arcsech<br>• **Statistics:** mad, cov, covp<br>• **Geometry:** distance, midpoint<br>• **Visualizations:** histogram, dotplot, boxplot<br>• **Probability distributions:** normaldist, tdist, chisqdist, uniformdist, binomialdost, poissondist, geodist, pdf, cdf, inversecdf, random<br>• **Inference:** ztest, ttest, zproptest, chisqtest, chisqgof, null, p, pleft, pright, score, dof, stderr, conf, lower, upper, estimatev<br>Learn more about these functions on our Supported Functions page. |

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.

*Updated for SY2025-2026*