

## Instructions for Using Desmos Calculators in TestNav

The Desmos calculators have been added as options in TestNav for students taking the Mathematics and Science MCAs. Because of the content being assessed within the MCA, the test version of the calculator available in TestNav will be different than the standard Desmos app. The test version of Desmos is available as a stand-alone calculator on PearsonAccess Next and in the [Student Readiness Tools \(SRTs\)](#) (PearsonAccess Next > Preparing for Testing > Student Readiness Tools > Online Student Readiness Tools).

Desmos will add Minnesota-specific details to their [Desmos testing website](#) at the start of the 2024–25 school year, including the differences between the test version and the standard version of Desmos. In addition, the [Desmos practice website](#) will be updated to include Minnesota under the “Choose Assessment” link, as well as adding Minnesota to the Desmos Test Mode app.

Note: Using a separate device to access the Desmos app is not allowed except in specific MDE approved circumstances as an accommodation for students with an IEP or 504 plan.

Students will still be able to use the current TI calculator options: basic, scientific, and graphing. Desmos calculators will follow the same format as the TI calculators: four-function, scientific, and graphing.

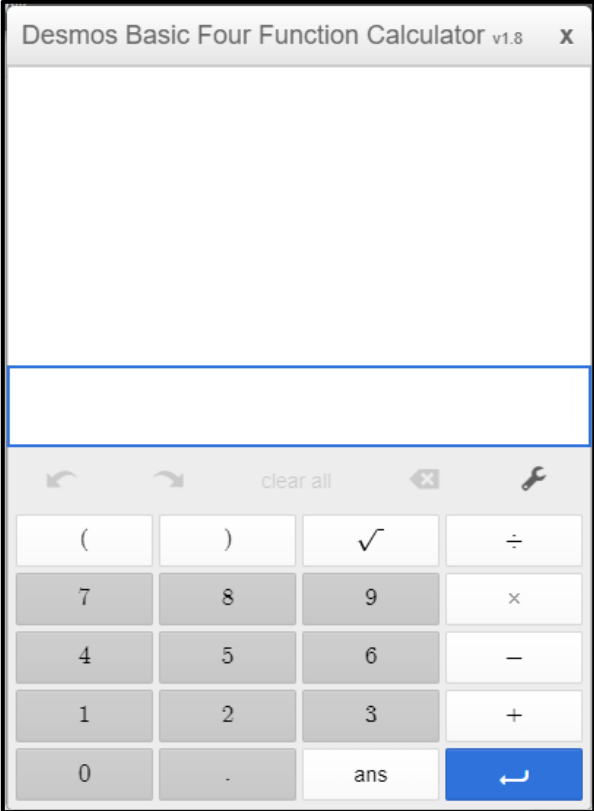
### TestNav Calculator Icons

TestNav will display two calculator icons in the toolbar. Students can hover their cursor over the calculator icon to see a pop-up that indicates which calculator option they are selecting.



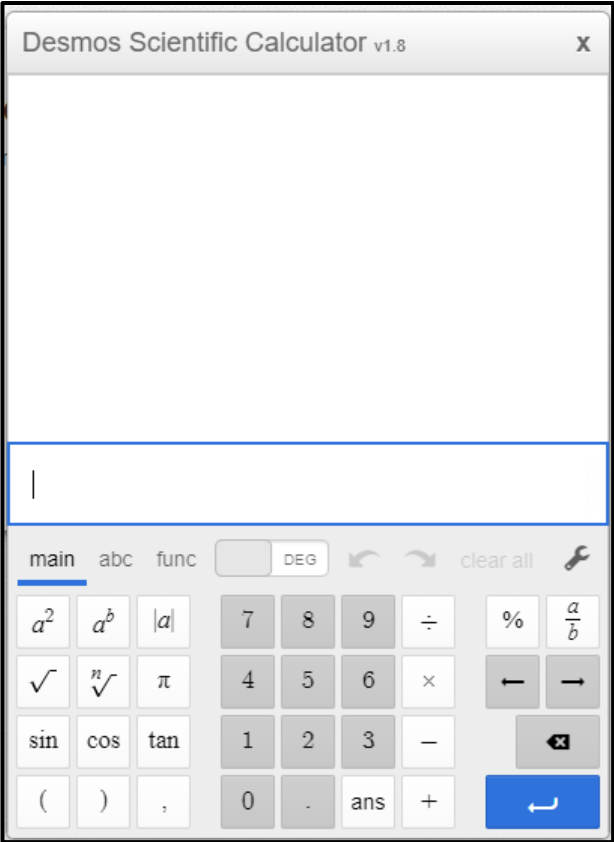
# Desmos Four-Function Calculator

The Desmos Four Function Calculator is available for grades 3–5 mathematics and grades 5, 8, and high school science assessments. This calculator offers basic functionality, including addition, subtraction, multiplication, division, and square roots.



# Desmos Scientific Calculator

The Desmos Scientific Calculator is available for grades 6 and 7 mathematics assessments. This calculator can perform complex mathematical functions and operations, such as converting fractions and percents.



# Desmos Graphing Calculator

The Desmos Graphing Calculator is available for grades 8 and 11 mathematics assessments. Students can use built-in algorithms to plot graphs on a coordinate plane, solve equations, and perform other tasks with variables.

