

Instructions for Using Desmos Calculators in TestNav

Desmos calculators are available in TestNav for students taking the Math and Science MCAs. Because of the content being assessed on the MCAs, the calculators available in TestNav may be different than the standard Desmos app. These TestNav versions of Desmos are available as stand-alone calculators on the [Student Tools and Supports](#) page and in the online [Student Readiness Tools \(SRTs\)](#) on the Minnesota Assessment Hub.

Desmos has Minnesota-specific details on their [Desmos testing website](#), including any differences between the TestNav version and the standard version of Desmos. In addition, the [Desmos practice website](#) includes Minnesota under the “Choose Assessment” link, as well as on the Desmos Test Mode app.

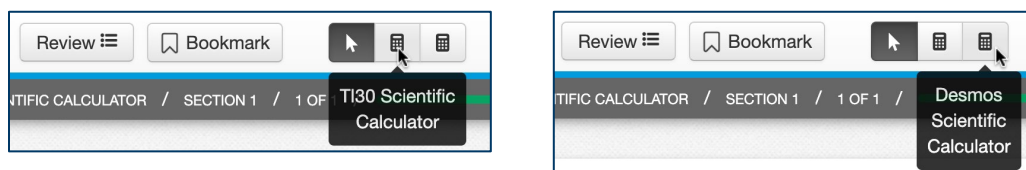
Note: Using a separate device to access the Desmos app is not allowed except in specific, MDE-approved circumstances as an accommodation for students with an IEP or 504 plan.

Texas Instruments (TI) calculators are also available in TestNav. Both TI and Desmos calculators are available in the same three calculator types—basic/four-function, scientific, and graphing—based on the grade and subject being tested.

TestNav Calculator Icons

TestNav displays 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.

Example: Grades 6 and 7 Math MCA Scientific Calculators



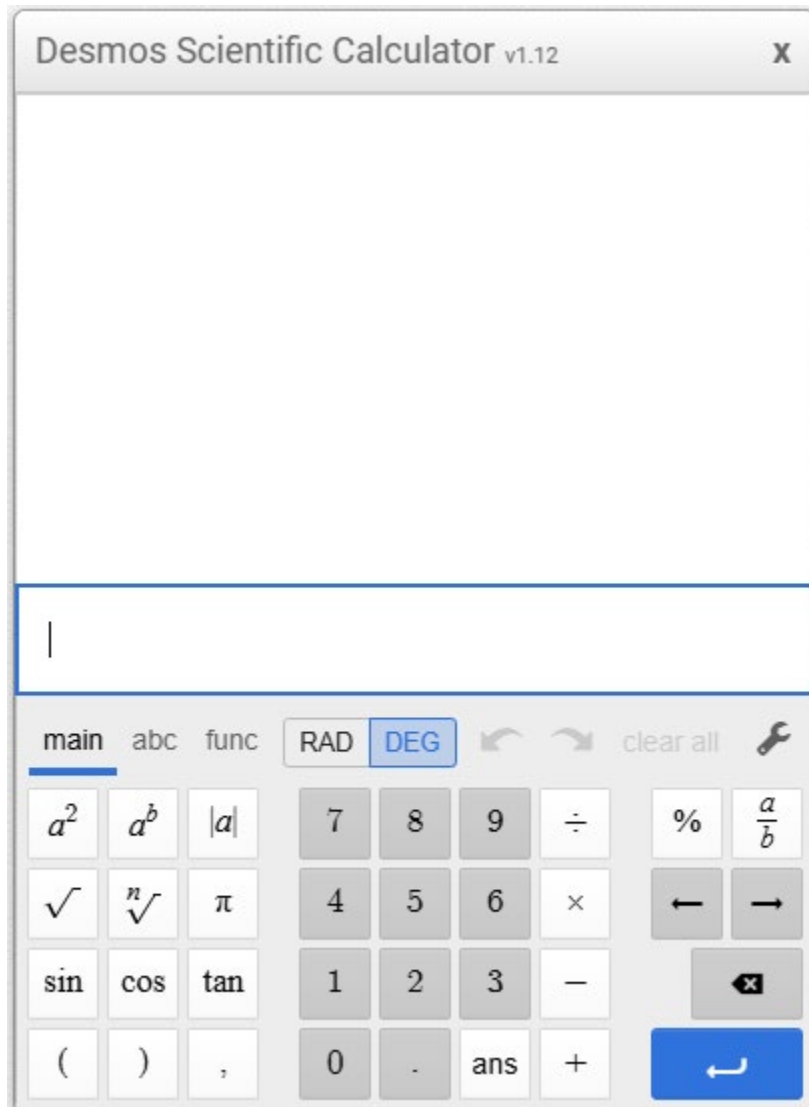
Desmos Four-Function Calculator

The Desmos Four Function Calculator is available for grades 3-5 Math MCAs and grades 5, 8, and high school Science MCAs. 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 Math MCAs. 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 Math MCAs. Students can use built-in algorithms to plot graphs on a coordinate plane, solve equations, and perform other tasks with variables.

