

# Recommended Calculators For Shormann Math

## ➤ Shormann Prealgebra

- **Scientific Calculator** - Any [scientific calculator](#) can be used.

## ➤ Shormann Algebra 1 & Shormann Algebra 2

1. **Required** One of the following calculators:

- **Scientific Calculator** - Any [scientific calculator](#) can be used.
- **\*Graphing Calculator:** While not required, a graphing calculator is recommended because it has a large screen that displays the entire problem, making it easier to understand these abstract concepts. Dr. Shormann recommends the following graphing calculators:
  - **TI Nspire CX Graphing Calculator (standard)** (do not buy the CX-CAS)  
This is the calculator Dr. Shormann uses in the Shormann Math lectures. It can be used in Algebra 1 - Calculus and can be used on the PSAT, SAT, ACT, IB, and AP Exams. [Why the TI Nspire CX?](#)
  - **TI-Nspire™ CX II** This graphing calculator is almost identical to the TI Nspire CX. It can be used for Shormann Algebra 1 - Calculus and it can be used on PSAT, SAT, ACT, and AP Exams. [Why the TI Nspire CX II?](#)
  - **TI-Nspire™ iPad App (\$29)\***  
While the TI-Nspire™ App is much more affordable, an iPad cannot be used during standardized tests like the PSAT, SAT, and ACT. You can use the Nspire app for Algebra 1, then purchase the graphing calculator for Algebra 2.
  - **Other Graphing Calculators:** You may choose to use a different graphing calculator. However, you will have to learn how to use it on your own. Dr. Shormann cannot provide support for all the different graphing calculators available.
  - **NOT Recommended: TI Nspire CX-CAS** Why? The CX-CAS cannot be used on the ACT. It can only be used on the PSAT and SAT. While the CX-CAS does have CAS (computer algebra system) functionality, we don't use that in any of our courses.

### Can I use a different graphing Calculator?

The Shormann Math video lectures teach the TI- Nspire CX and CXII graphing calculators listed above. Students who already know how to use a different calculator, or are willing to learn by watching YouTube videos, can use other graphing calculators. However, Dr. Shormann cannot provide support for all the different graphing calculators available. **TI Nspire CX-CAS is NOT recommended.**

## 2. **Recommended** (NOT REQUIRED) Free App: Geogebra

In addition to one of the calculators above, Dr. Shormann recommends the Geogebra app. While Dr. Shormann uses Geometer's Sketchpad in the video lectures, he now recommends using a free app called **Geogebra**. It is used to construct and transform geometric shapes, and to do some graphing calculator applications (Precalculus and Calculus).

[Click here](#) to watch a short how-to video. Algebra 1 and 2 students only need to watch the first 5 minutes. Then, [click here](#) to access the free online version, where you will have an option to download for offline use. There are also free apps for iOS and Android devices. For these devices, we recommend the GeoGebra Geometry app.



GeoGebra Geometry  
Construct, Drag, Share



GeoGebra Graphing Calc...  
Graph, Drag, Share

The app icons look like this:

## ➤ Shormann Precalculus & Shormann Calculus

### Required: Graphing Calculator

- [TI Nspire CX Graphing Calculator \(standard\)](#) (not the CX-CAS)

Dr. Shormann uses a TI-Nspire in their Shormann Math lectures. It can be used on the PSAT, SAT, ACT, AP, and IB exams. The **CX-CAS** is not recommended because it cannot be used on the PSAT or SAT. [Why the TI Nspire CX?](#)

- [TI-Nspire™ CX II](#) This graphing calculator can be used on PSAT, SAT, ACT, and AP Exams. [Why the TI Nspire CX II?](#)

- [TI-Nspire™ App for iPads \\$29](#) (Can't use iPads on the PSAT, SAT, ACT, or AP)

- **Other Graphing Calculators:** You may choose to use a different graphing calculator. However, Dr. Shormann cannot provide support for all the different graphing calculators available.

### Recommended (NOT REQUIRED): **Geogebra**

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