

Recommended Calculators

For Shormann Math

➤ Shormann Pre-Algebra

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

➤ Shormann Algebra 1 & Shormann Algebra 2

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

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

OR

- **A 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. If you want to use a graphing calculator, Dr. Shormann recommends the following graphing calculators:

Discontinued: 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?](#)

1. **TI-Nspire™ CX II** This graphing calculator is identical to the Nspire CX and can be used for Shormann Algebra 1 - Calculus and it can be used on PSAT, SAT, ACT, and AP Exams. It has upgraded memory, etc. Do not buy the CAS version of this calculator because it cannot be used on the PSAT, SAT, ACT, and AP Exams. [Why the TI Nspire CX II?](#)
2. **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.
3. **Geogebra Graphing Calculator (Free App)** [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. Geogebra also has free apps for iOS and Android devices called, Geogebra Graphing Calculator. Geogebra can also be used to do regression analysis, required for Lesson 94 of Algebra 1 and Lessons 24 and 76 of Algebra 2. [Click here](#) to watch a spreadsheet how-to video. [Click here](#) to go to the Geogebra spreadsheet.
IMPORTANT: This app cannot be used when taking the PSAT, SAT, or ACT. You must use an approved calculator. If your student is taking one of these exams this school year, use an approved graphing calculator, like the TI-Nspire CX II, for at least a few months before taking the exam.
4. **Other Graphing Calculators**: Students can use a different graphing calculator than the ones listed above. However, they may have different buttons than the one Dr. Shormann uses in his video lecture. Students must learn to use it on their own. Please note, not all calculators are allowed for use on standardized tests like AP, CLEP, ACT, PSAT, or SAT.
5. **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.

FAQs

FAQ: Does Dr. Shormann teach how to use the Graphing Calculator? Yes! In the lessons that use a graphing calculator, Dr. Shormann shows how to use the recommended calculator (TI-Nspire CX or TI-Nspire CX II).

FAQ: In what lesson of Algebra 1 is the Graphing Calculator first used? Starting in Lesson 14

➤ Shormann Precalculus - Shormann Calculus 2

A Graphing Calculator is required for these courses. A Scientific Calculator is not sufficient for these courses. Select one below:

- Discontinued: [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](#) (not the CX-CAS)

This graphing calculator is identical to the Nspire CX and can be used for Shormann Algebra 1 - Calculus 2 and it can be used on PSAT, SAT, ACT, and AP Exams. It has upgraded memory, etc. **Do not buy the CAS version** of this calculator because it cannot be used on the 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)
- **Geogebra Graphing Calculator (Free App)** [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. Geogebra also has free apps for iOS and Android devices (see icon below). Geogebra can also be used to do regression analysis, required for Lessons 23, 56 and 61 of Precalculus and Lesson 22 of Calculus 1. [Click here](#) to watch a spreadsheet how-to video. [Click here](#) to go to the Geogebra spreadsheet. **IMPORTANT:** This app cannot be used when taking the PSAT, SAT, or ACT. You must use a battery operated, approved calculator. If your student is taking one of these exams this school year, use an approved graphing calculator, like the TI-Nspire CXII, for at least a few months before taking the exam.
- **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.