

## Calculator Policies

Calculators are allowed for use on test day according to the following guidelines. Acceptable calculators may not have any features described under **Unacceptable Calculators** below.

	Test	Exam Policy	
<b>SAT®</b> <b>PSAT/NMSQT®</b> <b>PSAT™ 10</b> <b>PSAT™ 8/9</b>	<b>SAT</b> <b>PSAT/NMSQT</b> <b>PSAT 10</b> <b>PSAT 8/9</b>	<p>The Math Test in each of these assessments has a portion that permits calculator use and a portion that does not. All questions on the Math Test – Calculator portion can be solved without a calculator; however, using a calculator on some questions may be helpful to students. A scientific or graphing calculator is recommended for the Math Test – Calculator.</p> <p>The digital SAT allows calculator use on the entire Math section of the test. Students can use the Desmos Graphing Calculator built into Bluebook, the digital testing app, or bring an acceptable calculator of their own.</p>	
	<b>Advanced Placement® Program (AP®)</b>	<b>Biology</b>	A four-function (with square root), scientific, or graphing calculator is allowed.
	<p>These calculator policies apply to 2023 AP Exams. Please see the course and exam pages on <a href="#">AP Central</a> for detailed policies for your AP course.</p> <p><b>**Calculators are not allowed for any other AP Exams, including Computer Science A and Computer Science Principles.</b></p>	<b>Calculus AB</b> <b>Calculus BC</b>	A graphing calculator is required.*
		<b>Chemistry</b>	A scientific or graphing calculator is recommended. A four-function calculator is allowed but not recommended.
<b>Environmental Science</b>		A four-function (with square root), scientific, or graphing calculator is allowed.	
<b>Macroeconomics</b> <b>Microeconomics</b>		A four-function calculator is allowed. (Calculators with storage capabilities, such as a scientific or graphing calculator, are not allowed.)	
<b>Physics 1</b> <b>Physics 2</b> <b>Physics C: Mechanics</b> <b>Physics C: Electricity and Magnetism</b>		A four-function, scientific, or graphing calculator is allowed.	
<b>Statistics</b>		A graphing calculator with statistical capabilities is expected. Nongraphing scientific calculators are permitted if they have the required statistics computational capabilities described in the <a href="#">AP Statistics Course and Exam Description</a> .	
<b>College-Level Examination Program® (CLEP®)</b>	<b>Chemistry</b> <b>College Algebra</b> <b>College Mathematics</b>	An online scientific calculator is provided for these computer-delivered exams. Students may not use their own calculators.	
	<b>Calculus</b> <b>Precalculus</b>	An online graphing calculator is provided for these computer-delivered exams. Students may not use their own calculators.*	
	<b>Biology</b> <b>Natural Sciences</b> <b>Information Systems</b>	Calculators are not permitted for these computer-delivered exams.	

\*Calculator use is permitted on only some parts of these AP and CLEP exams.

\*\*Calculators are not allowed for these AP Exams unless a student is approved by the College Board SSD office for the accommodation of a four-function calculator.

**Unacceptable Calculators:** Phones of any kind; smartwatches; wearable technology of any kind; laptops, tablets, or other computers (not including devices used for digital testing); models with QWERTY (i.e., typewriter) keypads as part of hardware or software (e.g., TI-92 Plus, Voyage 200); models with pen input/stylus capability (e.g., Palm, PDAs, Casio ClassPad); models that can access the internet or that have wireless, Bluetooth, cellular, audio/video recording and playing, camera, scanning, or any other smartphone-type features; models that use electrical outlets, “talk” or make noise, or have a paper tape. Some models with touchscreen capability are not permitted (e.g., Casio ClassPad). In addition, the use of hardware peripherals such as a stylus, keyboard, or wireless adapter with an approved calculator is not allowed.

## Calculator Policies for Mathematics and Science

The following graphing calculators are acceptable for use. All scientific calculators, which can perform complex mathematical functions but don't have a graphing feature, are acceptable as long as they don't have any prohibited features listed under **Unacceptable Calculators**.

### TABLE OF ACCEPTABLE GRAPHING CALCULATORS

<b>CASIO</b>		<b>SHARP</b>	
FX-6000 series	◆ CFX-9800 series	EL-5200	◆ EL-9600 series (Using the stylus is not permitted.)
FX-6200 series	◆ CFX-9850 series	◆ EL-9200 series	◆ EL-9900 series
FX-6300 series	◆ CFX-9950 series	◆ EL-9300 series	
FX-6500 series	◆ CFX-9970 series		
FX-7000 series	◆ FX 1.0 series	<b>TEXAS INSTRUMENTS</b>	
FX-7300 series	◆ Algebra FX 2.0 series	TI-73	◆ TI-85
FX-7400 series	◆ FX-CG-10	TI-80	◆ TI-86
FX-7500 series	◆ FX-CG-20 series	TI-81	◆ TI-89
FX-7700 series	◆ FX-CG-50	◆ TI-82	◆ TI-89 Titanium
FX-7800 series	◆ FX-CG-500 (Using the stylus is not permitted.)	◆ TI-83	◆ TI-Nspire
FX-8000 series	◆ Graph25 series	◆ TI-83 Plus	◆ TI-Nspire CX
FX-8500 series	◆ Graph35 series	◆ TI-83 Plus Silver	◆ TI-Nspire CX II
FX-8700 series	◆ Graph75 series	◆ TI-84 Plus	◆ TI-Nspire CX II-T
FX-8800 series	◆ Graph95 series	◆ TI-84 Plus CE	◆ TI-Nspire CM-C
◆ FX-9700 series	◆ Graph100 series	◆ TI-84 Plus CE Python	◆ TI-Nspire CAS
◆ FX-9750 series		◆ TI-84 Plus Silver	◆ TI-Nspire CX CAS
◆ FX-9860 series		◆ TI-84 Plus C Silver	◆ TI-Nspire CX II CAS
		◆ TI-84 Plus T	◆ TI-Nspire CX II-T CAS
<b>HEWLETT-PACKARD</b>		◆ TI-84 Plus CE-T	◆ TI-Nspire CM-C CAS
HP-9G	◆ HP-48 series	◆ TI-84 Plus CE-T Python Edition	◆ TI-Nspire CX-C CAS
◆ HP-28 series	◆ HP-49 series		◆ TI-Nspire CX II-C CAS
◆ HP-38G	◆ HP-50 series		
◆ HP-39 series	◆ HP Prime		
◆ HP-40 series			
<b>RADIO SHACK</b>		<b>OTHER</b>	
EC-4033	EC-4037	Datexx DS-883	NumWorks
EC-4034		Micronta	Smart <sup>2</sup>

◆ Indicates a graphing calculator with the expected built-in capabilities for AP Calculus. See the [AP Calculus AB and BC Course and Exam Description](#) (effective Fall 2020) for details. However, students may bring any calculator on the list to the exam; any model within each series is acceptable. Only approved graphing calculators from the list are permitted for the AP Calculus Exams. This list will be updated at [collegeboard.org/ap/calculators](https://collegeboard.org/ap/calculators), as necessary, to include newly approved calculators. Check this list periodically, and prior to the administration of the exams, to ensure that students have the most up-to-date information. This list only includes approved graphing calculators.

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