

# Calculator Policies for Mathematics and Science (2007-08)

**NOTE:** Students should be familiar with the operation of their calculators and know when the calculator can be used effectively.

TEST / EXAM	POLICY
<b>PSAT/NMSQT® and SAT® Program</b>	
PSAT/NMSQT SAT Reasoning Test™	Every question on these tests 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.*
SAT Subject Tests™ Mathematics Level 1, Mathematics Level 2	A scientific or graphing calculator is necessary. A graphing calculator may provide an advantage over a scientific calculator on some questions. The tests are developed with the expectation that most students are using graphing calculators.*
Biology E/M, Chemistry, Physics	Calculators are not permitted for these tests.
<b>Advanced Placement Program® (AP®)</b>	
Calculus AB, Calculus BC Statistics	A graphing calculator is required (see list of graphing calculators below).*† A calculator at least at the level of a scientific calculator is required.* A graphing calculator with statistics capabilities is expected. Nongraphing scientific calculators are permitted only if they have the statistics computational capabilities described in the <i>AP Statistics Course Description</i> .
Chemistry, Physics B, Physics C Biology, Computer Science A, Computer Science AB, Environmental Science	A scientific or graphing calculator is permitted for these exams.*† Calculators are not permitted for these exams.
<b>College-Level Examination Program® (CLEP®)</b>	
Chemistry, College Algebra, College Mathematics	An online scientific calculator is provided for these computer-delivered exams. Students may not use their own calculators.
Precalculus	An online graphing calculator is provided for this computer-delivered exam.† Students may not use their own calculators.
Biology, Calculus, Natural Sciences, Information Systems and Computer Applications	Calculators are not permitted for these computer-delivered exams.

\* Excludes powerbooks and portable/handheld computers; electronic writing pads or pen-input/stylus-driven devices (e.g., Palm, PDAs, Casio ClassPad 300); pocket organizers; models with QWERTY (i.e., typewriter) keypads (e.g., TI-92 Plus, Voyage 200); models with paper tapes; models that “talk” or make noise; models that require an electrical outlet; cell phone calculators.

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

## LIST OF GRAPHING CALCULATORS FOR AP CALCULUS

Casio	Casio	Hewlett-Packard	Sharp	Texas Instruments
FX-6000 series	❖ FX-9700 series	HP-9G	EL-5200	TI-73
FX-6200 series	❖ FX-9750 series	❖ HP-28 series	❖ EL-9200 series	TI-80
FX-6300 series	❖ FX-9860 series	❖ HP-38G	❖ EL-9300 series	TI-81
FX-6500 series	❖ CFX-9800 series	❖ HP-39 series	❖ EL-9600 series	❖ TI-82
FX-7000 series	❖ CFX-9850 series	❖ HP-40G	❖ EL-9900 series	❖ TI-83/TI-83 Plus
FX-7300 series	❖ CFX-9950 series	❖ HP-48 series		❖ TI-83 Plus Silver
FX-7400 series	❖ CFX-9970 series	❖ HP-49 series		❖ TI-84 Plus
FX-7500 series	❖ FX 1.0 series	❖ HP-50 series		❖ TI-84 Plus Silver
FX-7700 series	❖ Algebra FX 2.0 series			❖ TI-85
FX-7800 series				❖ TI-86
FX-8000 series		<b>Radio Shack</b>	<b>Other</b>	❖ TI-89
FX-8500 series		EC-4033	Datexx DS-883	❖ TI-89 Titanium
FX-8700 series		EC-4034	Micronta	❖ TI-Nspire
FX-8800 series		EC-4037	Smart <sup>2</sup>	❖ TI-Nspire CAS

Graphing calculators with the expected built-in capabilities for AP Calculus are indicated with a diamond (❖). See the *AP Calculus Course Description* for details. However, students may bring any calculator on the list to the exam. Nongraphing scientific calculators are not permitted for the AP Calculus Exams. This list will be updated, as necessary, to include new allowable calculators. Check this list periodically, and prior to the administration of the exams, to ensure that students have the most up-to-date information.

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AP Central® is the official home for the AP Program and Pre-AP®: [apcentral.collegeboard.com](http://apcentral.collegeboard.com).