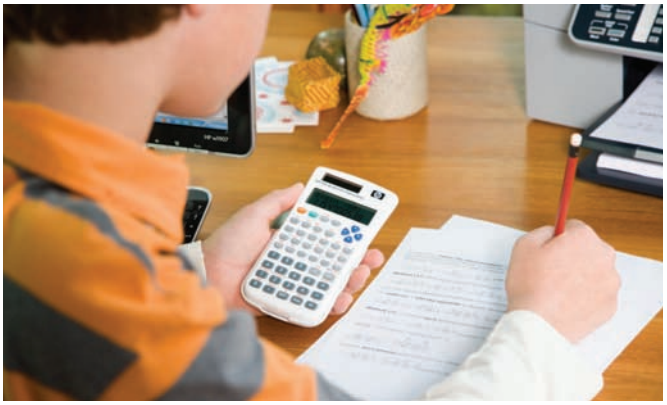
HP Scientific Calculators
Comparison chart



9s Scientific calculator
This entry-level scientific calculator is perfect for mathematics and science courses. Simple-to-use and designed to go with you as your challenges grow.

10s Scientific calculator
Ideal for math and science students this dual-powered (Solar and battery) can quickly calculate statistics, permutations, combinations and factorials or solve trigonometry and inverse functions.

Easy to use, accurate and dependable, HP Scientific Calculators are designed for students and professionals providing performance on all levels for years. These reliable calculators are equipped with easy-to-use problem solving tools, enhanced capabilities and customizing options, plus award-winning HP support.

HP Part Number	F2212A	F2214A
Courses/professions	Household use or students age 10-15 in the following courses: general math, pre-algebra, algebra, trigonometry, statistics, geometry, biology, sciences	Household use or students age 10-15 in the following courses: general math, pre-algebra, algebra, trigonometry, statistics, geometry, biology, sciences
Built-in functions	60+	Over 240
Entry-system logic	Algebraic	Algebraic
Display size	1 line x 10 characters	2 lines x 10 characters
Power	Battery	Solar & battery
Menus, prompts, etc.		Menus
Programming		
Keyboard	Numeric	Numeric
Memory/registers	1 memory register	Independent memory:9, Sum to memory: 1 Answer memory: 1
Power off memory protection	●	●
Edit, undo, delete capability	●	
Built-in libraries		
base-N functions (DEC, OCT, HEX, BIN)	●	●
Boolean logic		
1-variable statistics	●	●
2-variable statistics		●
Mean/sum/weighted mean	●	●
Standard deviation	●	●
Combinations, permutations	●	●
+,-,x,/, sq.root, 1/x, x/-, ln, e^x, x, sq. root (y)	●	●
y^x, LOG, 10^x, x^2, %, pi, n!	●	●
Rounding		
Fractions	●	●
Integer & fractional part of number		
Rectangular/polar conversions		●
HMS–> DD/DD –> HMS	●	●
Unit conversions	●	●
Complex numbers	●	
Matrix		
Linear system solver		
Quadratic system solver		
HP Solve**		
Sin, Cos, Tan and inverse functions	●	●
Hyperbolic functions and inverse	●	●
Degrees/radians/grads –> conversions	●	●
What's in the box	Calculator, user's guide, slide-on cover	Calculator, user's guide, slide-on cover
Size	15.5 x 8.1 x 1.56 cm (6.10 x 3.19 x 0.61 in)	15.2 x 8.07 x 1.3 cm (5.98 x 3.2 x 0.51 in)
Weight	125g (4.4 oz)	120g (4.2 oz)
Permission for use on	SAT® Reasoning and SAT® Subject Tests™ in Math 1 & 2, ACT, PSAT/NMSQT, AP Chemistry/Physics, PLAN, EXPLORE†	SAT® Reasoning and SAT® Subject Tests™ in Math 1 & 2, ACT, PSAT/NMSQT, AP Chemistry/Physics, PLAN, EXPLORE†

30s Scientific calculator
Combines value, higher-math power and convenience into one package. With a 2-line display, over 250 functions and interchangeable color faceplates, it's great for math and science students.

33s Scientific calculator
Powerful RPN or Algebraic entry, programmable, and approved for important engineering exams, the 33s is an economical choice for engineering, math and science students

35s Scientific calculator
Get professional performance from the ultimate RPN scientific programmable calculator. Switch between RPN* and algebraic entry-system logic at any time. Features a two-line display, and the powerful HP Solve** application.

HP Part Number	F1900A	F2216A	F2215A
Courses/professions	Household use or students age 10-15 in the following courses: general math, pre-algebra, algebra, trigonometry, statistics, geometry, biology, chemistry, physics and physical, earth and life sciences	Ideal for the tasks and workload of college students and professional in the following diciplines: mathematics, engineering, , surveying, the sciences and medicine	Ideal for the tasks and workload of college students and professional in the following diciplines: mathematics, engineering, surveying, the sciences and medicine
Built-in functions	Over 250	Over 100	Over 100
Entry-system logic	Algebraic	RPN & Algebraic	RPN & Algebraic
Display size	2 lines x 10 characters	2 lines x 14 characters + indicators	2 lines x 14 characters + indicators
Power	Battery	Battery	Battery
Menus, prompts, etc.		●	●
Programming		Keystroke	Keystroke
Keyboard	Numeric	Alphanumeric	Alphanumeric
Memory/registers	10 memory registers	31 KB, 27 storage registers	30 KB, over 800 storage registers
Power off memory protection	●	●	●
Edit, undo, delete capability	●	●	●
Built-in libraries	Scientific constants	42 physical constants and library of units conversions	42 physical constants and library of units conversions
base-N functions (DEC, OCT, HEX, BIN)	●	●	●
Boolean logic		●	●
1-variable statistics	●	●	●
2-variable statistics	●	●	●
Mean/sum/weighted mean	●	●	●
Standard deviation	●	●	
Combinations, permutations	●	●	
+,-,x,/, sq.root, 1/x, x/-, ln, e^x, x, sq. root (y)	●	●	●
y^x, LOG, 10^x, x^2, %, pi, n!	●	●	●
Rounding		●	●
Fractions	●	●	●
Integer & fractional part of number	●	●	●
Rectangular/polar conversions		●	●
HMS–> DD/DD –> HMS	●	●	●
Unit conversions	●	●	●
Complex numbers		●	●
Matrix		by program	by program
Linear system solver		by program	●
Quadratic system solver		by program	by program
HP Solve**		●	●
Sin, Cos, Tan and inverse functions	●	●	●
Hyperbolic functions and inverse	●	●	●
Degrees/radians/grads –> conversions	●	●	●
What's in the box	Calculator, user's guide, slide-on cover, two additional color faceplates	Calculator, batteries, user's guide, protective pouch	Calculator, batteries, user's guide, premium protective case
Size	15.5 x 8.1 x 1.56 cm (6.1 x 3.2 x 0.6 in)	15.8 x 8.3 x 1.61 cm (6.2 x 3.2 x .63 in)	15.8 x 8.2 x 1.82 cm (6.22 x 3.23 x .72 in)
Weight	122g (4.3 oz)	127g (4.5 oz)	125g (4.4 oz)
Permission for use on	SAT® Reasoning and SAT® Subject Tests™ in Math 1 & 2, ACT, PSAT/NMSQT, AP Chemistry/Physics, PLAN, EXPLORE†	NCEES PE/FE, SAT® Reasoning and SAT® Subject Tests™ in Math 1 & 2, ACT, PSAT/NMSQT, AP Chemistry/Physics, PLAN, EXPLORE†	NCEES PE/FE, SAT® Reasoning and SAT® Subject Tests™ in Math 1 & 2, ACT, PSAT/NMSQT, AP Chemistry/Physics, PLAN, EXPLORE†

*Reverse Polish Notation (RPN) is an efficient data-entry system that can significantly reduce keystrokes.
**HP Solve is a time-saving application that allows you to solve for any variable without rewriting your equation.
†ACT®, PLAN® and EXPLORE® are registered trademarks of ACT, Inc., which was not involved in the production of and does not endorse this product. For more information, go to www.act.org. AP Calculus requires a graphing calculator. Any scientific or graphing calculator (Excludes models with QWERTY (i.e. typewriter) keyboards, electronic writing pads, and pen-input/stylus-driven devices) is permitted for the following College Board tests: AP Chemistry, AP Physics, AP Statistics (a graphing calculator with statistical capabilities is expected), PSAT/NMSQT, SAT® Reasoning and SAT® Subject Tests™ in Mathematics Level 1 and Level 2. For more information, go to www.collegeboard.com. Policies are subject to change. AP® and SAT® are registered trademarks of the College Board. PSAT/NMSQT® is a registered trademark of both the College Board and National Merit Scholarship Corporation which were not involved in the production of and do not endorse this product.

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