

Autumn Term 2018  
Calculators for school use



Technology that's perfect for teaching, proven for learning

Scientifics for Secondary • Graphics for A Level • Software emulators • Geometry sets • Exam packs • Engraving service

**SPECIAL PRICING AND SUPPORT FOR TEACHERS**



**ORDER BY 4.00PM FOR GUARANTEED NEXT DAY DELIVERY**  
**[www.studentcalculators.co.uk](http://www.studentcalculators.co.uk) OR CALL 01869 344500**



Prices in brackets include VAT.

## CASIO fx-83GT PLUS

The most popular scientific calculator in UK schools, with comprehensive features for GCSE maths. A robust design with hard case and a 3 year 'exchange for new' warranty, exclusively from Oxford Educational Supplies.

The natural display makes using the fx-83GT Plus intuitive from day one of year 7! Enter expressions and data exactly as they appear in text books and with list-based stats, prime factorisation, recurring decimal annotation along with all standard scientific functions, this model may well see your pupils right through KS3 and KS4.

**FOR  
CLASS SETS  
SEE PAGE 3**



Quantity 1–39	Qty 40–99	Qty 100+
<b>£6.85</b> (£8.22)	<b>£6.65</b> (£7.98)	<b>£6.49</b> (£7.79)

**ORDER 22 FOR FREE DELIVERY**

Emulator software for  
FX83GT & FX85GT

**£19.95** (£23.94)

Create a table of values for graph sketching

$$f(x) = x^2 - x - 2$$

x	f(x)
-1	0
0	-2
1	-2
2	0

Solve quadratics using a table of values

$$f(x) = x^2 - x - 2$$

x	f(x)
-1	0
0	-2
1	-2
2	0

x	f(x)
-1	0
0	-2
1	-2
2	0

Explain and calculate mean from a frequency table

STAT	FREQ
1	5
2	3
3	2
4	1

STAT	Σx
1	27

STAT	n
1	13

STAT	$\bar{x}$
1	2.076923077

## CASIO fx-85GT PLUS Solar

Specification, layout and style of operation identical to fx-83GT PLUS but with solar power and colour options.



Quantity 1–39	Qty 40–99	Qty 100+
<b>£7.99</b> (£9.59)	<b>£7.89</b> (£9.47)	<b>£7.79</b> (£9.35)

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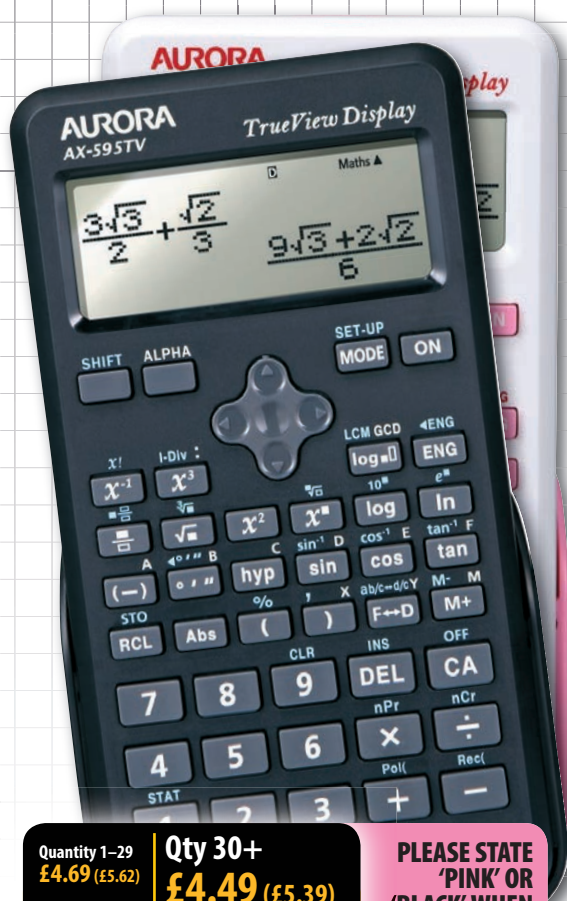
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# HING, PROVEN FOR LEARNING!

# ENGRAVING AVAILABLE



## AURORA

### AX-595TV

Equipped with all functions and features needed to take students from year 7 all the way through GCSE. Robust design with hard keys and a slide on plastic case with a 3 year warranty. Displays expressions in a the mathematically correct format, as written or viewed in a textbook. Factorial, Permutations and combinations, random number generator, two-variable stats, function evaluation table and much more! LCM, GCD and quotient/remainder divisions.



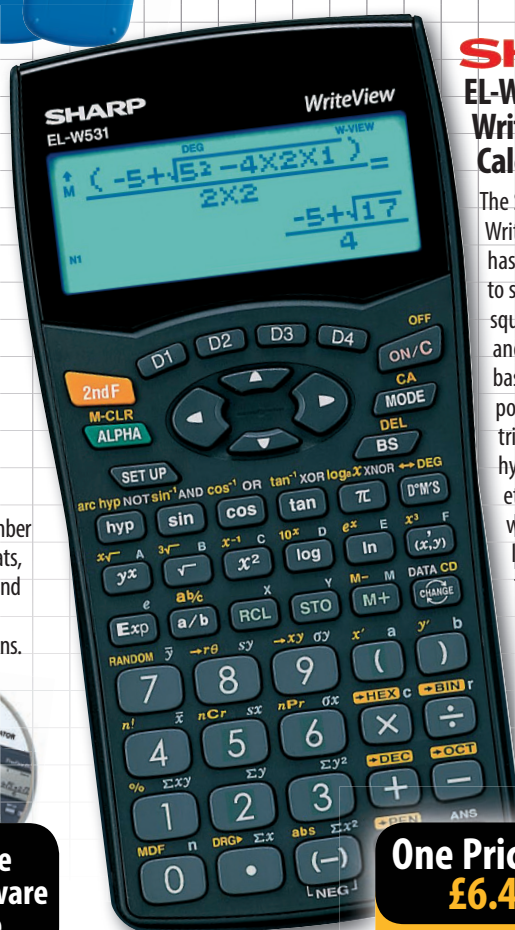
**FREE Lifetime Emulator Software Site Licence**

Quantity 1-29  
**£4.69** (£5.62)

Qty 30+  
**£4.49** (£5.39)

PLEASE STATE  
'PINK' OR  
'BLACK' WHEN  
ORDERING

ORDER 34 FOR FREE DELIVERY



## SHARP

### EL-W531B WriteView Calculator

The Sharp EL-W531B WriteView calculator has display features to show fractions, square roots, surds and logarithms to any base including base, powers, reciprocals, trigonometric ratios, hyperbolic functions, etc., just as they are written, in textbook layout. Additionally there are powerful statistical analysis features, random number generator and the ability to work in different base number arithmetic.

**One Price Any Qty  
£6.49** (£7.79)

ORDER 24 FOR FREE DELIVERY

## YEAR 7 PACKS

The convenient way to ensure that your pupils arrive at school properly equipped! Each pack includes a calculator, geometry set in a tin and an exam approved pencil case.

Model	Order Code	Qty 1-29	Qty 30+
CASIO fx-83GT PLUS pencil case and geometry set	FX-83GT-EP	<b>£8.35</b> (£10.02)	<b>£7.99</b> (£9.59)
CASIO fx-85GT PLUS pencil case and geometry set	FX-85GT-EP State colour when ordering	<b>£9.49</b> (£11.39)	<b>£9.29</b> (£11.15)
AURORA AX-595TV pencil case and geometry set	AX-595TV-EP State colour when ordering	<b>£6.19</b> (£7.43)	<b>£5.99</b> (£7.19)
OES613 pencil case and geometry set	OES613-EP	<b>£5.45</b> (£6.54)	<b>£5.25</b> (£6.30)
CASIO fx-991EX pencil case and geometry set	FX-991EX-EP	One Price Any Qty <b>£21.45</b> (£25.74)	
OES513 pencil case and geometry set	OES513-EP	One Price Any Qty <b>£3.25</b> (£3.90)	
SHARP EL-W531B pencil case and geometry set	EL-W531B-EP	One Price Any Qty <b>£7.99</b> (£9.59)	
SHARP EL-531TH pencil case and geometry set	EL-531TH-EP	One Price Any Qty <b>£5.89</b> (£7.07)	

## CLASS SETS

Our Scientific Class Sets are the easy way to buy your stock of calculators for exam or everyday use. Supplied in Gratnells boxes with 'Secure Stack' inner with 30 slots and a lid. Supplied ready to use, as shown aside. No unpacking, no waste!



engrave 4 lines  
of text on the back  
of each calculator  
in the set for  
**just £20** +VAT  
**SAVE £10**

Model	Standard	Engraved
CASIO fx-83GT PLUS	<b>£204.95</b> (£245.94) Order Code: FX-83GT-SET	<b>£224.95</b> (£269.94) Order Code: FX-83GT-SET LASER4
CASIO fx-85GT PLUS Black, pink and blue available. Please specify.	<b>£244.95</b> (£293.94) Order Code: FX-85GT-SET	<b>£264.95</b> (£317.94) Order Code: FX-85GT-SET LASER4
CASIO fx-991EX	<b>£604.95</b> (£725.94) Order Code: FX-991EX-SET	<b>£624.95</b> (£749.94) Order Code: FX-991EX-SET LASER4
EL-W531B CLASS SET	<b>£199.00</b> (£238.80) Order Code: EL-W531B-SET	<b>£219.00</b> (£262.80) Order Code: EL-W531B-SET LASER4
EL-531TH CLASS SET	<b>£139.95</b> (£167.94) Order Code: EL-531TH-SET	<b>£159.95</b> (£191.94) Order Code: EL-531TH-SET LASER4
OES513 CLASS SET	<b>£67.50</b> (£81.00) Order Code: OES513-SET	<b>£87.50</b> (£105.00) Order Code: OES513-SET LASER4
OES613 CLASS SET	<b>£126.95</b> (£152.34) Order Code: OES613-SET	<b>£146.95</b> (£176.34) Order Code: OES613-SET LASER4
AX-595TV CLASS SET Black and pink available. Please specify.	<b>£149.95</b> (£179.94) Order Code: AX-595TV-SET	<b>£169.95</b> (£203.94) Order Code: AX-595TV-SET LASER4

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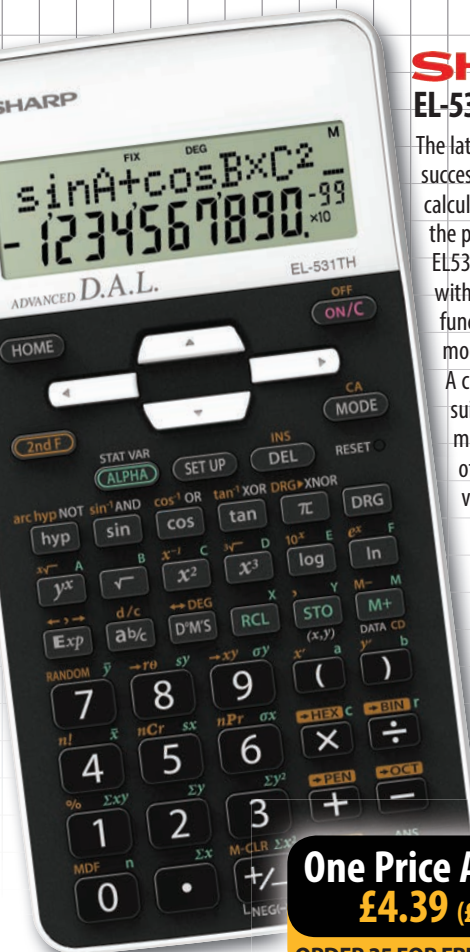




**BLE FROM JUST 75P! SEE PAGE 7**

All our products are approved for exam use

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EDUCATIONAL  
Supplies



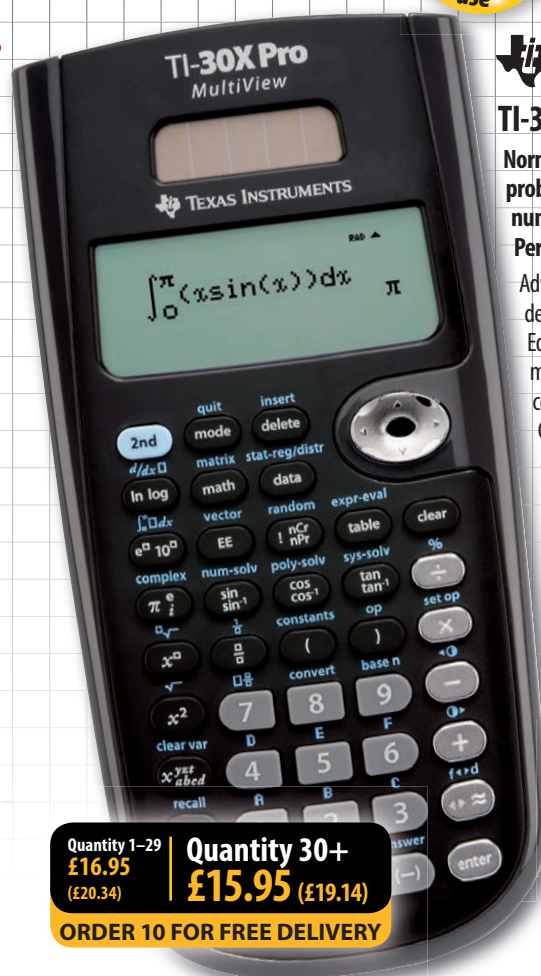
## SHARP EL-531TH

The latest in a long and successful line of EL531 calculators. Replaces the previous models EL531W and EL531XB with identical functions and a more modern design.

A calculator perfectly suited to GCSE maths studies and offering superb value for money!

**One Price Any Qty**  
**£4.39** (£5.26)

**ORDER 35 FOR FREE DELIVERY**



## TEXAS INSTRUMENTS TI-30X Pro MultiView

Normal, Poisson and Binomial probability and cumulative distributions, numerical integration and derivatives. Perfect for the new maths A Level!

Advanced functions include: Numerical derivative and integration calculation. Editor for entering lists of data. Vectors and matrices. Metric conversions and physical constants. Boolean logic operations. Complex number calculations. Engineering and scientific notations. Metric conversions and physical constants. Octal, decimal, and hexadecimal number bases. Data editor for entering lists of data. List function: to apply a function to a list of values. Radicals shown, to work with simplified radicals and to rationalise the denominator. Exponents with superscript notation.

**FREE Trial Pack**  
**for TI-30X Pro**

Includes 1 calculator and emulator software

Simply call 01869 344500 and request a FREE, no obligation Trial Pack

Quantity 1-29  
**£16.95**  
(£20.34)

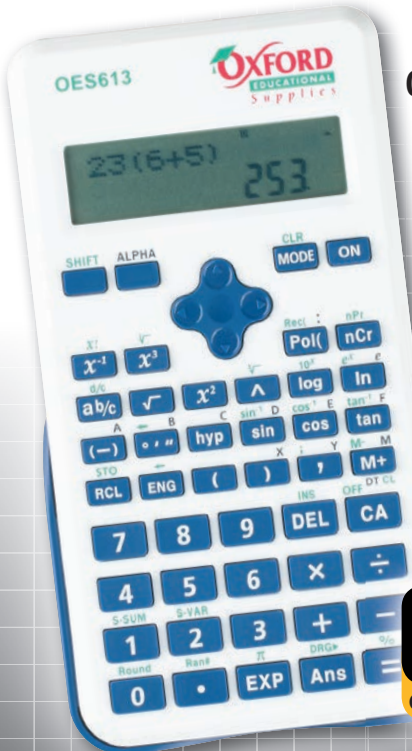
Quantity 30+  
**£15.95** (£19.14)

**ORDER 10 FOR FREE DELIVERY**

**5yr**  
Warranty  
★★★★★

## THE OXFORD RANGE OF SCHOOL CALCULATORS

Terrific value for money and are affordable to all! With carefully selected features to suit the current maths curriculum and of very robust construction to survive the rigours of school life, the Oxford brand offers great value! From one of the world's leading calculator manufacturers, we know these models will last and offer a full 5 year exchange-for-new warranty, no questions asked!



### OES613 Calculator

Features a two line display with recall and edit functionality and algebraically correct form of entry. A scrolling top line shows the complete expression whilst the solution is visible below.

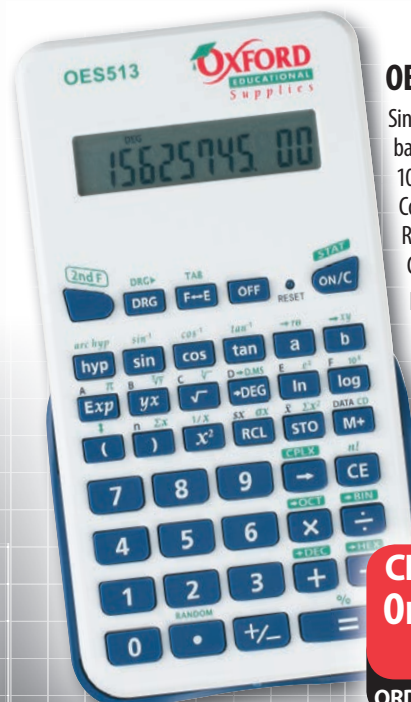
Functions include:

Factorials, Permutations and combinations. Random number. Fractions. Polar/rectangular conversions. Stats with data editor. Two-variable regression analysis. Robust design with a hard, slide-on case.

Quantity 1-29  
**£3.95** (£4.74)

Qty 30+  
**£3.75** (£4.50)

**ORDER 40 FOR FREE DELIVERY**



### OES513 Calculator

Single line, well specified and at a bargain price! Functions include: 10 digit, single line display. Complex numbers. Factorial. Random numbers. Basic stats. Complex numbers.

Note: This calculator uses non-algebraic entry. E.g. to calculate the Sin of 23 press "23 SIN".

**CLEARANCE PRICE**  
**One Price Any Qty**  
**£1.99** (£2.39)

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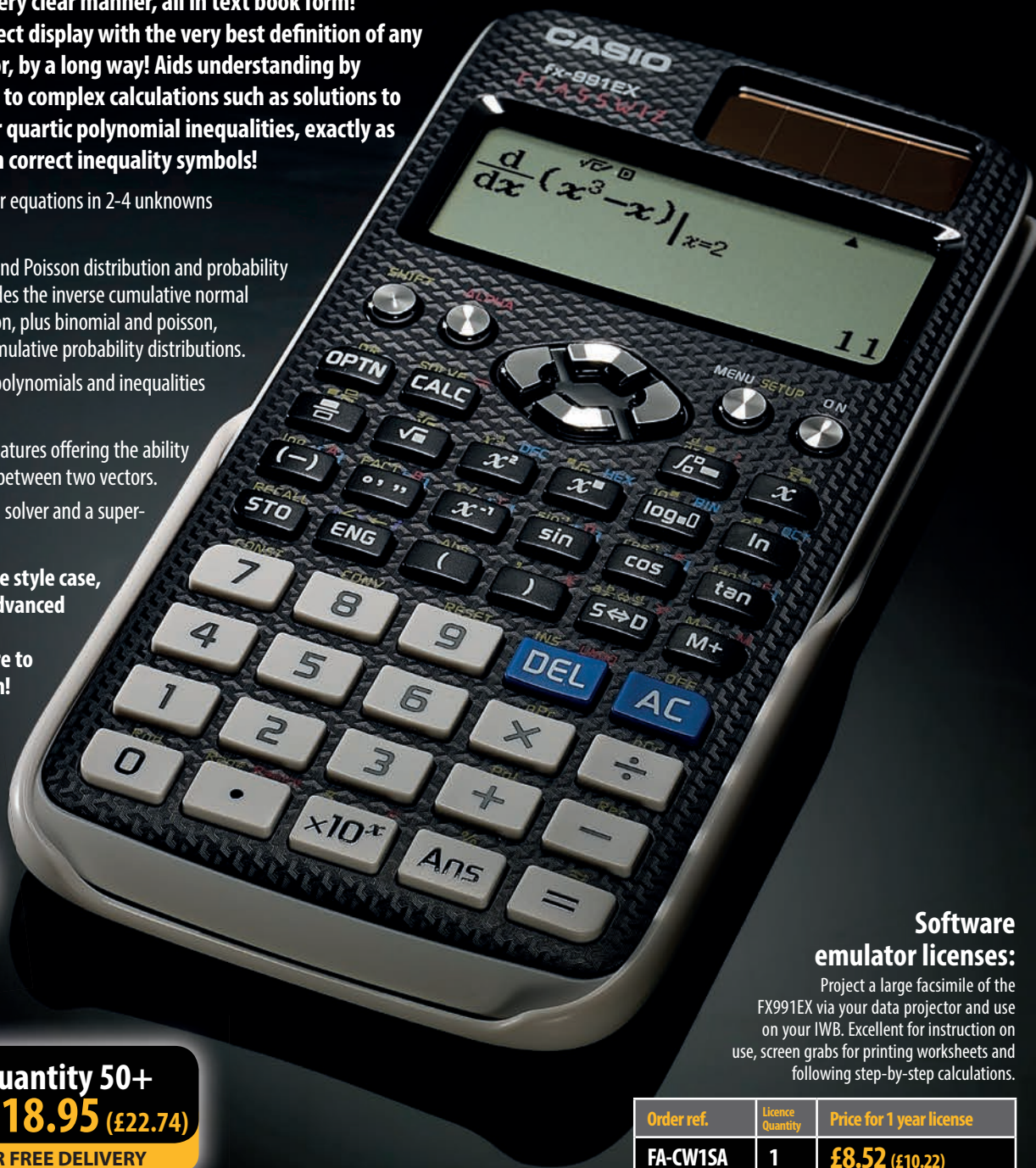
## CASIO fx-991EX

Stunning design and a new high-resolution screen delivers more information in a very clear manner, all in text book form!

Algebraically perfect display with the very best definition of any scientific calculator, by a long way! Aids understanding by displaying answer to complex calculations such as solutions to quadratic, cubic or quartic polynomial inequalities, exactly as written, even with correct inequality symbols!

- Simultaneous linear equations in 2-4 unknowns
- Matrices up to 4X4
- Normal, binomial and Poisson distribution and probability models, now includes the inverse cumulative normal distribution function, plus binomial and poisson, probability and cumulative probability distributions.
- 2nd – 4th degree polynomials and inequalities
- Riemann integrals
- Enhanced Vector features offering the ability to show the angle between two vectors.
- Enhanced equation solver and a super-fast processor

With its carbon fibre style case, metallic keys and advanced functions, the Casio FX991EX is a pleasure to use and a joy to own!



**SALE OR RETURN**

Sell to pupils without risk or financial commitment  
See back page for details

Quantity 1-49  
**£19.95**  
(£23.94)

Quantity 50+  
**£18.95** (£22.74)

ORDER 8 FOR FREE DELIVERY

Solve quadratic inequalities...  
even the tricky 2-branch solution

$$ax^2 + bx + c > 0$$

$$1x^2 + 3x - 2 > 0$$

$$x < a, b < x$$

$$x < -2, -1 < x$$

Find the max/min of a function

$$\text{Min of } y = ax^2 + bx + c$$

$$x = -\frac{3}{2}$$

$$\text{Min of } y = ax^2 + bx + c$$

$$y = -\frac{1}{4}$$

Find the gradient using the  
numeric differentiation function

$$\frac{d}{dx}(x^3 - x) \big|_{x=2}$$

$$11$$

Check the modulus of a vector

$$\text{Abs}(\text{VctA})$$

$$5$$

### Software emulator licenses:

Project a large facsimile of the FX991EX via your data projector and use on your IWB. Excellent for instruction on use, screen grabs for printing worksheets and following step-by-step calculations.

Order ref.	Licence Quantity	Price for 1 year license
FA-CW1SA	1	<b>£8.52</b> (£10.22)
FA-CW1SB	10	<b>£76.65</b> (£91.98)
FA-CW1SC	30	<b>£227.40</b> (£272.88)

Software emulators are licensed per user per year.  
The software may be installed locally or on the server.

**ORDER BY 4.00PM FOR GUARANTEED NEXT DAY DELIVERY**

[www.oxford-educational.co.uk](http://www.oxford-educational.co.uk) [www.studentcalculators.co.uk](http://www.studentcalculators.co.uk)





## GEOMETRY SETS

The Oxford Educational Supplies

**Geometry Set in a tin:** Metal compass and dividers, 15cm rule, 180° protractor, 30° and 45° set squares, stencil, pencil, sharpener and rubber. All supplied in a robust tin.

Quantity 1-99  
**£1.35**  
(£1.62)

Quantity 100+  
**£1.25** (£1.50)

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## BAG O' BITS!

An exam bag of mathematical bits! A transparent, exam approved pencil case containing compass, pencil, sharpener, eraser, 180 degree protractor, 30cm rule. Components are supplied in the case ready for distribution or exam use.

Order Code: OES-BAGOBITS

Quantity 1-119  
**£1.35**  
(£1.62)

Quantity 120+  
**£1.25** (£1.50)

**ORDER 120 FOR FREE DELIVERY**

Box of 120  
**BAG O' BITS**  
just **£1.40**  
(£1.68)

**SAVE  
£10**

## 16GB USB FLASH DRIVES

Order Code: OX-ED 16GB

**CLEARANCE  
JUST  
£3.99** (£4.79)  
**ORDER 38 FOR  
FREE DELIVERY**

## Individual Components

30cm RULE  
**30p** (36p)

Box of 100  
30cm Rulers  
just **£9.99**  
(£11.99)

COMPASS & PENCIL  
**45p** (54p)

10cm 180° PROTRACTOR  
**15p** (18p)

## AURORA HC133

Robust handheld model with durable hard keys. Large numeric keypad with 8 digit LCD display. Dimensions: 6.7cm x 11.3cm x 1.5cm.

Quantity 1-29  
**£1.69**  
(£2.03)

Quantity 30+  
**£1.49** (£1.79)

**ORDER 101 FOR FREE DELIVERY**

## AURORA HC102

The HC102 is the ideal calculator for teaching BODMAS logic, the 2 line display which shows both sum and answer and the parentheses keys make demonstrating the correct mathematical order of operations very easy. Also present is the handy '÷R' function which displays the quotient and remainder when used to perform division calculations. Dimensions: 7.9cm x 12.7cm x 1.2cm.

Any Qty **£2.99** (£3.59)  
**ORDER 51 FOR FREE DELIVERY**

## TEXAS INSTRUMENTS Little Professor

The Little Professor is opposite to a normal calculator! The pupil has to type the answer of simple questions like "2 + 9 = ?". You can choose between the four operators and four different levels of difficulty. A smiley face congratulation for a right answer, unhappy for wrong! More than 16,000 random questions may be generated.

Any Qty **£11.95** (£14.34)  
**ORDER 13 FOR FREE DELIVERY**



### HC133 Class Set

Gratnells box contains 30 HC133 calculators. Foam insert separates and protects each unit. Hard protective lid. Compatible with Gratnells storage systems.

**£54.99** (£65.99)  
**ORDER 3 FOR FREE DELIVERY**



### HC102 Class Set

Gratnells box contains 30 HC102 calculators. Foam insert separates and protects each unit. Hard protective lid. Compatible with Gratnells storage systems.

**£99.95** (£119.94)  
**ORDER 2 FOR FREE DELIVERY**



### Little Professor Class Set

Gratnells box contains 30 Little Professors. Foam insert separates and protects each unit. Hard protective lid. Compatible with Gratnells storage systems.

**£259.95** (£311.94)  
**FREE DELIVERY**





# IN-HOUSE LASER ENGRAVING SERVICE WITH HIGH QUALITY AND FAST DELIVERY!

Secure your school stocks of calculators by selecting one of the distinctive colours of calculator and then engrave with school name, department details or even sequential serial numbers.

For pupils, we can engrave individual names. Everything is done in-house so as not to affect our 24 hour delivery promise.

## THE COST IS VERY REASONABLE!

Since our pricing is generally more than 20% lower than retailers such as Tesco, Sainsbury, Ryman and W H Smith you can engrave the calculators purchased from us and the total cost will still be less than retail price in most cases.

## The benefits are:

**Exam eligibility** – Particularly in the case of graphics, JCQ and awarding body guidelines are confusing! Marking eligible models takes away any chance of error, either by pupil or invigilator.

**Crest or logo and 2 lines of text on the case or back**

**Just £1.50** +VAT per calc

ORDER CODE: LASER2

**48 HOUR  
GUARANTEED  
DELIVERY**

**Standardisation** – Ensure all pupils have the appropriate technology by ordering centrally and marking calculators.

**Economy from security!** – No more disputes of ownership where identical products are owned by school and pupils.

**Ownership** – Pupils will value a personalised item and take more care of it.

**Serial numbering** – We can sequentially number calculators if they are for your own stock allowing accurate inventory control.

**School branding** – Help to foster pride in your organisation and in mathematics by engraving your logo and department details.

*Please note: Some logos do not reproduce well! We will advise suitability upon receipt of your instructions.*

## How to order:

**We simply need to know your choice of calculator, where you would like the engraving and what you would like engraving, preferably in electronic form.**

**We love to speak to our customers so a quick 'phone call of 2 minutes to 01869 344500 is ideal. Alternatively, an email or school order with print details attached is fine.**

**THIS SERVICE IS QUICK, SIMPLE AND INEXPENSIVE. PLEASE CALL NOW OR MENTION ENGRAVING AT THE TIME OF ORDERING. IT WILL TAKE JUST A FEW MINUTES TO ARRANGE!**

**Up to 24 characters in a single line on the front**  
**Just £0.75**  
+VAT per calc

ORDER CODE: LASER3

**4 lines on the back**  
**Just £1.00** +VAT per calc

ORDER CODE: LASER1

**CLASS SETS** Our Scientific Class Sets are the easy way to buy your stock of calculators for exam or everyday use. Supplied in Gratnells boxes with 'Secure Stack' inner with 30 slots and a lid. Supplied ready to use, as shown aside. No unpacking, no waste!

**JUST £20**  
**to engrave an entire class set!**  
See page 3 for details



Introducing

# The Casio Technology Advantage (CTA) Scheme

The Casio Technology Advantage Scheme is a special scheme offering teacher training and support on the CG-50 and very special pricing to schools on *all* Casio graphical calculators.

**With unequalled experience in teaching mathematics using technology, Casio are able to help you teach the new A level in a way no other manufacturer can.**

## Free Training

Inform your mathematics department of the latest technology for AS and A-Level with Casio's free CG-50 graphic calculator technology training courses.

Training is tailored to specific areas of the new AS and A-Level specification, including Algebra and Functions, Calculus, Statistics and Further Maths. Courses are delivered by teachers, for teachers, and are available nationwide.

These courses are free and Oxford Educational Supplies will put you forward to join the training program. Call now to register: 01869 344500

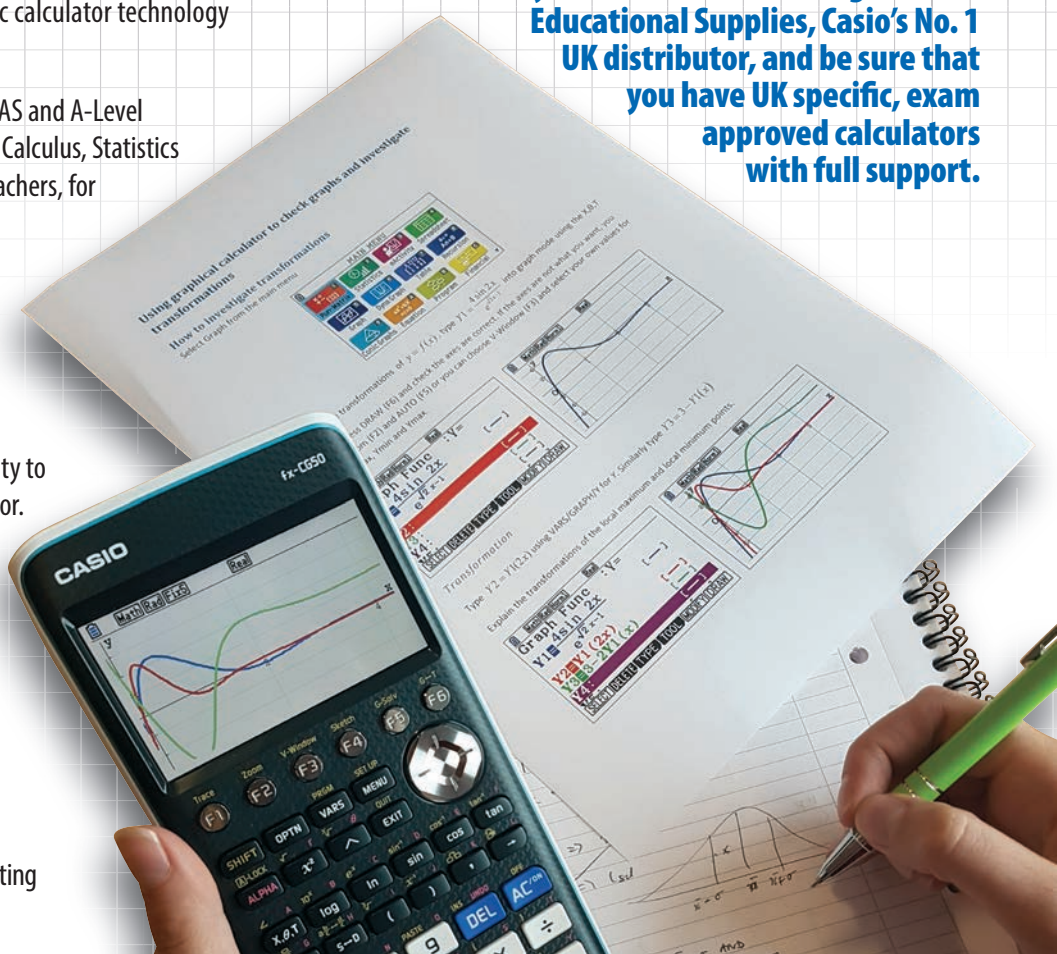
## Loan sets and emulator

Oxford Educational can offer you the opportunity to borrow a class set of the CG-50 graphic calculator. Combined with the emulator, which runs the graphic calculator on a PC or Mac (free for a year at [www.studentcalculators.co.uk/emulator](http://www.studentcalculators.co.uk/emulator)) and free training, allowing you to experiment with the graphic calculator in your own classroom without obligation.

## Working in partnership with the awarding bodies

Casio are supporting exam boards with their Getting Ready to Teach and other CPD programs.

**Buy with confidence through Oxford Educational Supplies, Casio's No. 1 UK distributor, and be sure that you have UK specific, exam approved calculators with full support.**



**Call now to register for the CTA Scheme on 01869 344500 to qualify for special pricing on models featuring the red CTA icon**



or register online at:

**[calculators.casio.co.uk/oxforded](http://calculators.casio.co.uk/oxforded)**

Registration immediately entitles you to special **LOWER** pricing, loan equipment and free training



# GRAPHIC CALCULATORS – APPROVED FOR USE IN ALL PUBLIC

Prices in brackets include VAT.

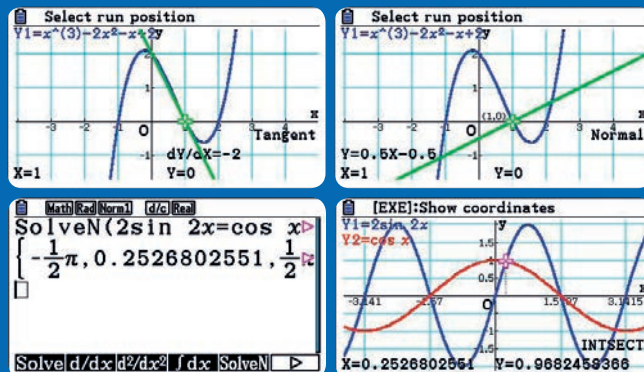
## CASIO® fx-CG 50

The current A-level has a greater emphasis on problem solving, modelling and reasoning than before. This means that students have to understand the mathematical concepts in depth and how they are linked. The Casio fx-CG50 aids understanding and enables problems to be addressed that would be impractical or inefficient to tackle without it.

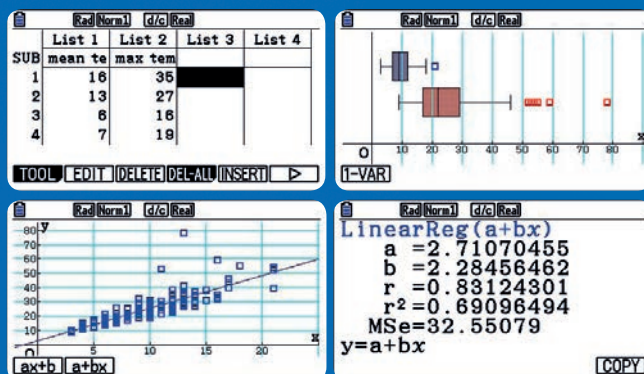
A portable and dependable device, accessible anytime, anywhere!

- an intuitive tool that enables visualisation of maths, helping students to form conceptual understanding and discover links
- powerful computation functionality beyond that found on even advanced scientific calculators
- Fx-CG50 is accessible immediately – no laptops or computer rooms need to be booked
- Fx-CG50 can be used in the exam – unlike any other type of technology
- Teacher support includes a free software emulator, free training and free ready-made learning resources
- 3D graphing for Further Maths
- Approved for use in GCSE, AS/A Level, Standard Grade, Higher Grade and Advanced Higher Grade examinations and all IB courses and examinations.

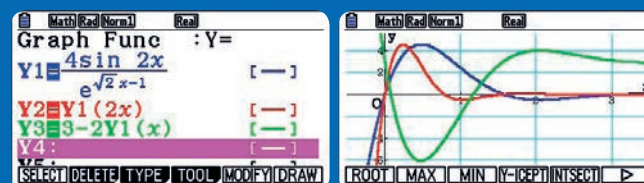
Explore graphs. Solve equations. Link the graphs and equations.



Learn how to interpret data diagrams, and simplify calculation of statistics. Import and use the large data set.



Check answers in exams – even the graphical questions. This calculator is fully approved for use in exams.



## Free of Charge Software Emulator Licenses:

Project a large facsimile of the fx-CG 50 via your data projector and use on your IWB. Excellent for instruction on use, screen grabs for printing worksheets and following step-by-step calculations.

For a limited period we are able to offer UK schools 1 year licences completely free of charge. Download now at:

[www.studentcalculators.co.uk/emulator](http://www.studentcalculators.co.uk/emulator)

We will contact you before your licence is due to expire to discuss renewal.



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[www.oxford-educational.co.uk](http://www.oxford-educational.co.uk) [www.studentcalculators.co.uk](http://www.studentcalculators.co.uk)



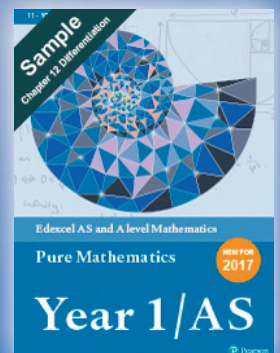
**CTA PRICE**  
**£69.95** (£83.94)  
Order 3 for free  
delivery



**REGULAR PRICE**  
**One Price Any Qty**  
**£83.95** (£100.74)

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**model**  
call for emulator  
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text books  
and resources  
for the new  
A Level  
syllabuses.



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**Tel: 01869 344500 Fax: 01869 343654 sales@oxford-educational.co.uk**



# The changing face of Maths A-Level

**A-level mathematics now places greater emphasis on problem solving, modelling and reasoning. Students must understand and link mathematical concepts in depth, as well as being able to process mathematically.**

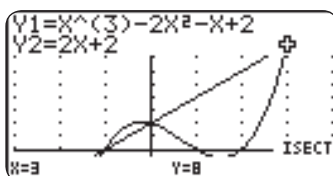
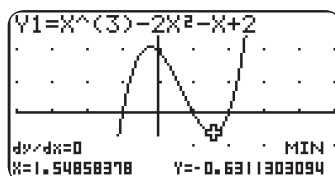
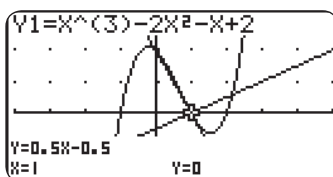
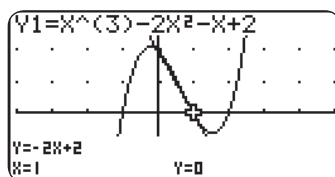
**“The use of technology, in particular mathematical and statistical graphing tools and spreadsheets, must permeate the study of AS and A level mathematics.”** DFE content specification

The benefits of hand held technology are well established and proven to help learning. Casio graphical calculators will aid understanding of the entire syllabus, all from a single personal device.

## Examples using fx-9860G-II

**Explore graphs. Solve problems.**

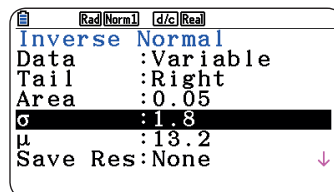
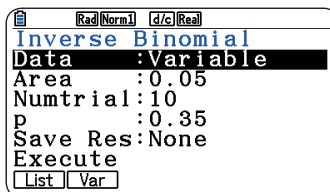
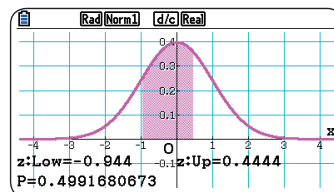
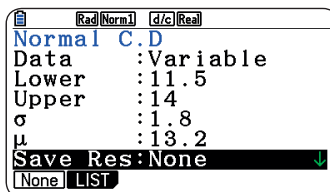
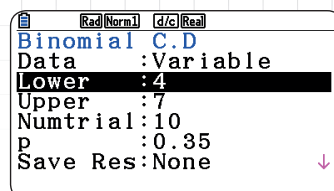
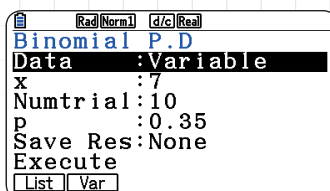
- Find gradients, tangents and normals
- Find turning points and solve intersections



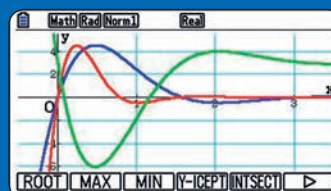
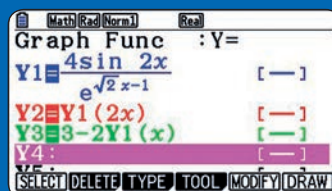
## Examples using CG-50

**Calculate binomial and normal probability.**

- Probability between two values
- Graph normal distribution
- No need to standardise the normal distribution
- Calculate inverse binomial and inverse normal



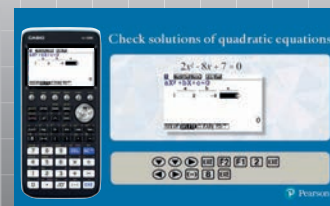
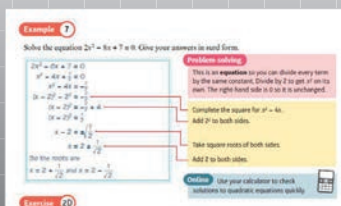
**Casio graphical calculators are the only range with all models approved for use in exams.**



**Great for quickly checking answers!**

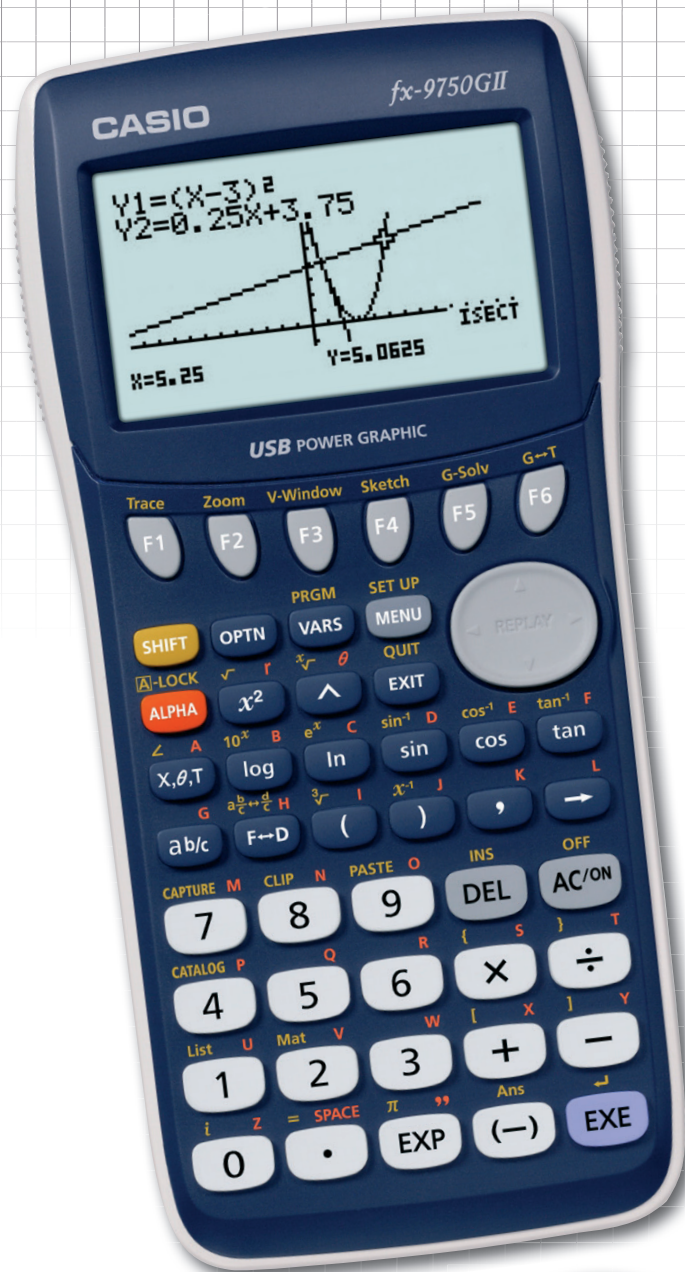
Turn to  
page 10 for  
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on FX-CG50

Textbooks and resources from Hodder, Pearson, Oxford University Press and Cambridge University Press have plentiful videos, worksheets and teacher support linked through their e-textbooks.





# CASIO fx-9750G-II



A good introduction to using a graphical calculator to enhance learning by visualising complex mathematics. Tried and tested over the last 20 years, the fx-9750G-II has a long and successful history of use in teaching. Functions include the ability to graph in terms of x, Normal Distribution, statistical graph types, metric and imperial unit conversions, number features including lowest common multiple and modulo arithmetic. Please note: this model does not feature the natural, text book display. See fx-9860G-II for this feature.

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# GRAPHIC CALCULATORS – APP

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The fx-9860G-II features a natural, text book display making it possible to display fractions, exponents, logarithms, powers, and square roots just as they are written in the textbook.

Take a look at the impact on understanding of integrals and sums

Old style fx-9750G-II display

$$\int (\sin 2X, 0, \pi, 6) \quad 1.4$$

New style fx-9860G-II display

$$\int_0^{\frac{\pi}{6}} \sin 2X dx \quad \frac{1}{4}$$

$$\Sigma(2N-3, N, 0, 10) \quad 77$$

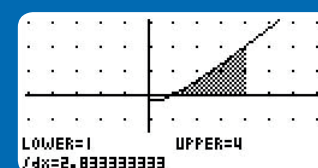
$$\sum_{N=0}^{10} (2N-3) \quad 77$$

The fx-9860G-II graphic calculator has all the functions of the fx-9750. In addition this calculator has advanced features and a natural maths display – surds, fractions, derivatives, integrals and sigma summation show as in a textbook.

- Vector calculation (products, angle, magnitude)
- Geometry drawing
- Spreadsheet capability
- Examination mode

IB EXAM APPROVED. fx-9860G-II's shipped by OES have operating system V2.09 installed, the only o/s approved for IB exams.

Explore area under a curve, linking to definite integration.



$$\int_1^4 \sqrt{x} dx \quad \frac{17}{6}$$

Create spreadsheets on the fx-9860G-II. Here we investigate the approximation of a derivative by a chord

SHEET	A	B	C	D
1	X	1	DX	0.5
2	X+DX	1.5		
3	FX	1		
4	FX+DX	2.25		
5	M	2.5		

$$=(B4-B3)/D1$$

DEMO	A	B	C	D
1	X	1	DX	0.1
2	X+DX	1.1		
3	FX	1		
4	FX+DX	1.21		
5	M	2.1		

$$=(B4-B3)/D1$$

Calculate inverse probability distributions, including binomial for hypothesis testing.

Inverse Binomial  
Data :List  
List :List2  
Numtrial:10  
P :0.6  
Save Res:List3  
Execute  
[None] [LIST]

Inverse Binomial  
1 [ ]  
2 [ ]  
3 [ ]  
8



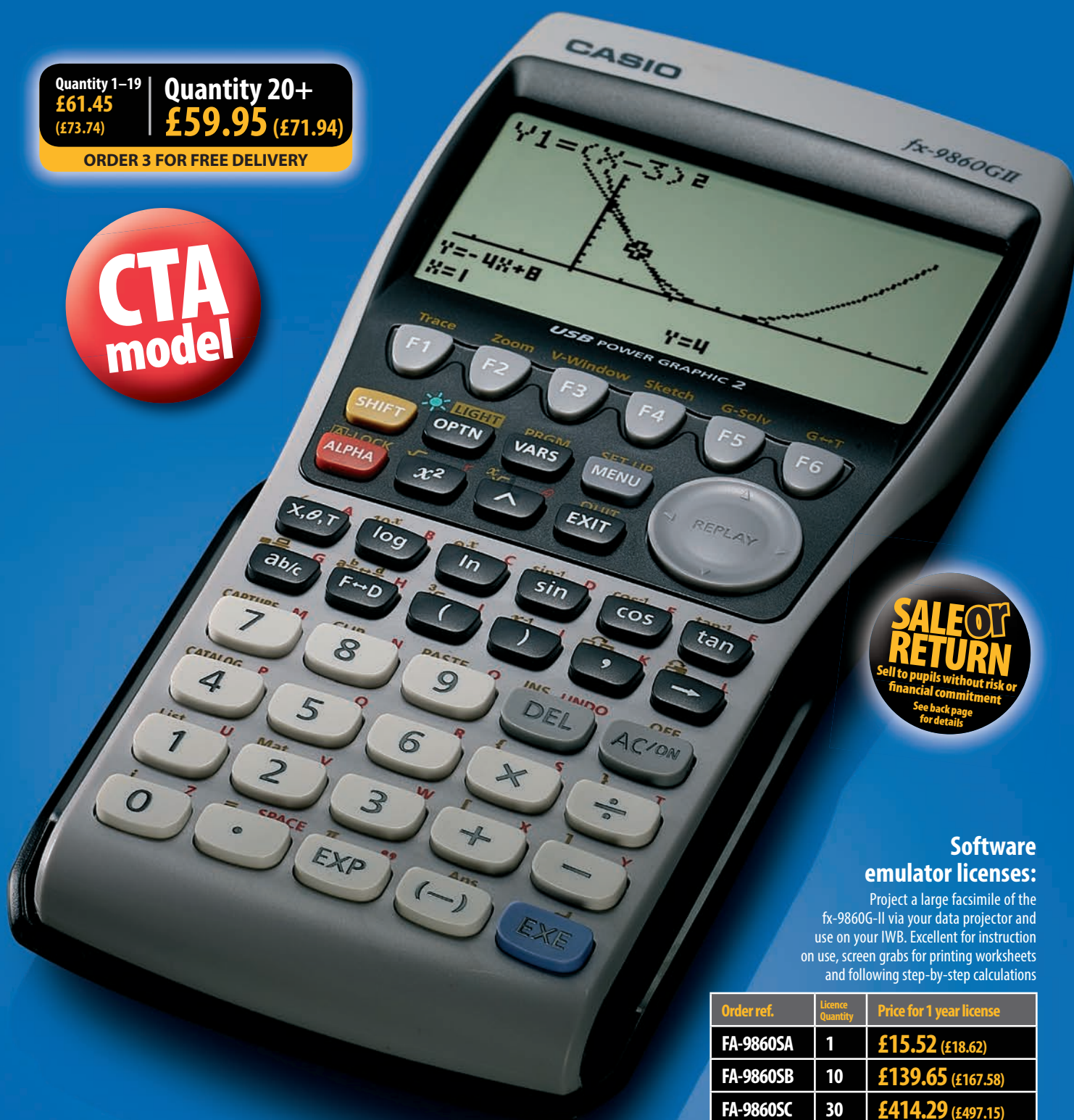
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### Software emulator licenses:

Project a large facsimile of the fx-9860G-II via your data projector and use on your IWB. Excellent for instruction on use, screen grabs for printing worksheets and following step-by-step calculations

Order ref.	Licence Quantity	Price for 1 year license
FA-9860SA	1	<b>£15.52</b> (£18.62)
FA-9860SB	10	<b>£139.65</b> (£167.58)
FA-9860SC	30	<b>£414.29</b> (£497.15)

Software emulators are licensed per user per year.



Make a smooth transition for your year 11's to 12 to experience the power of the graphic calculator.

The fx-9860G-II is compatible in operation to the fx-83GT and fx-85GT; keystroke compatibility and intuitive textbook-style display.



**WANT TO BUY A CG-50 INSTEAD? CALL US FOR UPGRADE OFFERS**

**What's extra?** • Plot graphs with variable coefficients (great for studying transformations)  
• Calculate integrals between roots and intersections of graphs • Scales marked on axes • Import data by drag and drop • 3D graphing for further maths

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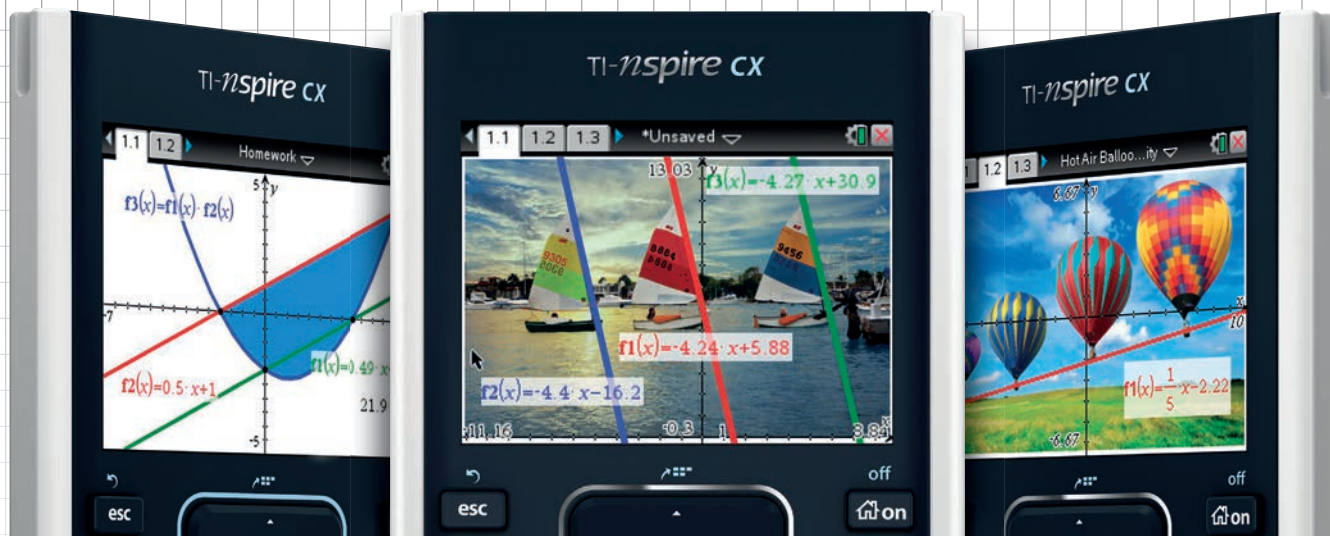
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### The TI-Nspire™ CX numeric handheld device and emulator software (included) are designed for teaching, learning and exploring mathematics and its applications.

The TI-Nspire™ CX handheld and associated software are designed to generate opportunities for classroom exploration and to promote greater understanding of core concepts in mathematics.

Nspire™ CX has been developed through sound classroom research which shows that **linked multiple representations are crucial in development of conceptual understanding**. Nspire™ CX provides simultaneous, dynamically linked representations of graphs, equations, data and verbal explanations, such that a change in one representation is immediately reflected in the others.

In addition to the flexibility offered by Nspire™ CX's menu-driven interface and built-in document structure, this model is enhanced by a backlit colour screen onto which images can

be imported, helping bring concepts to life. Fitted with a rechargeable battery which can be recharged with a USB cable connected to your computer, the Nspire™ CX Docking Station (for the classroom) or a wall charger. Battery life is expected to last up to two weeks under normal use.

Users can experience the same interface on the Nspire™ CX and in the TI-Nspire Software, enabling integration with existing classroom ICT infrastructure and projection systems to offer whole class teaching and personalised learning opportunities. TI-Nspire works with all major interactive whiteboard technologies.

### TEXAS INSTRUMENTS TI-84 Plus

The TI-84 Plus is a graphics calculator with a proven track-record in the classroom and approved for use in maths exams. It has a built-in USB port and USB cable included for connections with computers, classroom display tools and data logging devices and sensors. A library of apps available to upgrade.

**Displays in textbook style with MathPrint™.** Input and view mathematical symbols, formulae and fractions exactly as they appear when written in textbooks.

Optional TI-SmartView Emulator Software for the TI-84 Plus family. See opposite.

### TEXAS INSTRUMENTS Docking Station

TI-Nspire™ CX Docking Station charges up to 10 TI-Nspire™ CX and can simultaneously upload documents, class activities and homework using Teacher Software which is included.



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## TEXAS INSTRUMENTS TI-SmartView Emulator Software

This easy-to-use software complements TI-84 Plus family of graphics calculators, letting the teacher project an interactive representation of the calculator's display to the entire class. It is an ideal tool for classroom projection of maths and science concepts which offers many unique teaching capabilities.



Single-user licence is available as a download

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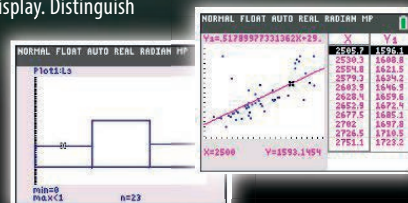
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## Make Real-World Connections

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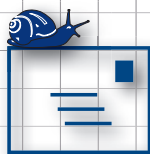


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