ClassPad II - Tips and Trick	C	Downl	oads www.charliewatson.com/classpad/
	ClassPad Help Series at www	.classpad.com.au now has	Charlie Watson
	videos grouped by math ATAR General/Further/Application	course – Units 1&2, 3&4 for	N A - i -
ClassPad II Keep your ClassPad II operating system up to date. November 2019, the latest is:	Main Settings, Basic Format, Number Format best set to Normal 2 to avoid display of small numbers in scientific notation.	Main Shift keys can speed up student work in many apps.	Main Quick ways to solve, diff, etc. Note assumptions and defaults. Substitute using from the Math 3
02.01.6	Use default option in Settings, Graph	Help-sheet and list of default keys at	menu. Use solve to rearrange equations for a
/isit <u>http://edu.casio.com</u> for free download of OS update for both	Format and Geometry Format to reset apps and fix any issues (eg no axes	https://charliewatson.com/atar/	particular variable.
handheld and manager (PC version)	displayed, etc).	Assign or modify shift keys in System.	Use the 'finger' to recalculate single lin
MENU C New Open Save As Touch Panel Alignment Version Spread- Sheet Spread- Sheet Spread- Table Geometry Geometry	Basic Format Current Folder main Number Format Normal 1 Normal 2 Fix 0 Fix 1 Fix 2 Fix 3 V Descending Order	System Reset Initialize Display Settings Power Properties Language Imaginary Unit Keyboard Shift Keys Key 7 Clear	Edit Action Interactive Edit Action Interactive $5 = 1$ fdx $simp$ fdx v ψ v $x^3-12x+2$ $x^3-12\cdot x+2$ diff ($3\cdot x^2-12$ solve ($\{x=-2, x=2\}$ $x^3-12\cdot x+2 x=-2$ 18 solve ($5=w^2+2wh, h$

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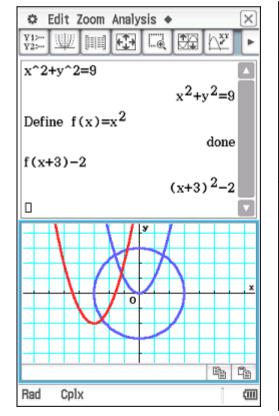
n 1

Zoom In/Out/Auto

Main

Graph functions using split screen, especially those implicitly defined or relations.

Define f(x) and use for exploring function transformation.



In Graph & Table, Geometry, Sequence, Statistics, etc., tap the [+] or [-] key to zoom in or zoom out. Tap the [=] key to auto scale (result depends on application).

Geometry

Solve scale drawing and coordinate geometry problems.

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File Edit View Draw

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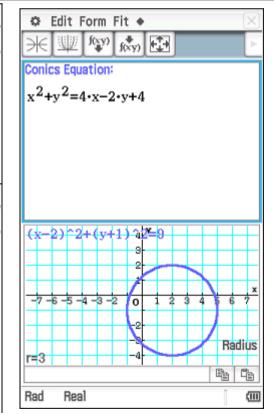
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Conics

A great application for exploring relations rather than functions.

G-Solve menu is relation-smart and changes depending on type of graph.

Don't miss the Fit to Form tools!

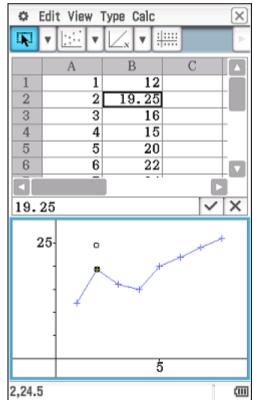


Spreadsheet

Two types of selection before dragging - black or no cell border.

Use Edit/Fill/Fill Range to fill selection.

Create time series, etc, by dragging data points on graph.



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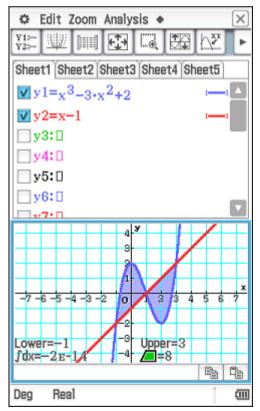
Sliders and graphs

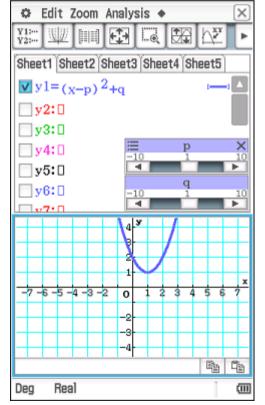
Try sliders to animate graphs in Graph and Table, Conics, Picture Plot and Geometry.

Graph and Table

Evaluate the area trapped between the lines $y = x^3 - 3x^2 + 2$ and y = x - 1.

Make sure your CPII OS is at least v2.





eActivity

Use eActivities to store formulas in NumSolve strips and methods in Main strips.

Add Strip help to include notes with strip.

Download eActivities for ATAR courses from charliewatson.com/atar/

🗘 Edit Solve 🔶 X Solve ++ $\sqrt{\alpha}$ F=Future Value (\$) P=Principal (\$ at start) R=Rate of interest (%pa) T=Time (Years) N=Number of times interest is paid per year. Eg Annually N=1 Quarterly N=4 Equation: $F=P \cdot \left(1 + \frac{R}{100 \cdot N}\right)^{N \cdot T}$ ● F= P= 3500 R= 5.5 ○ N= 12 ○ T= 4 Deg Real 1E-10

Financial

With PV, PMT and FV interpret money into your pocket as +ve and money out of pocket as -ve amounts. Easy!

Compound Interest, Amortization and Interest Conversion all useful tools.

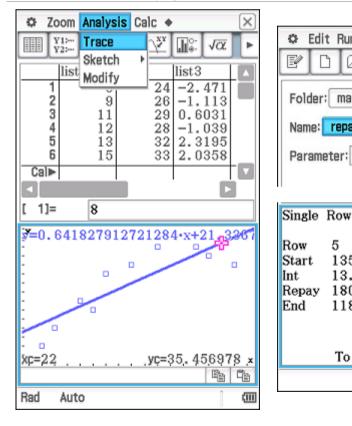
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Statistics

Always type slowly and carefully!

To predict from a regression line, tap Analysis, Trace after the regression line has been graphed. Then type the xcoordinate of the required prediction and the v-Cal entry box appears. (Domain error means extrapolation, so cancel, zoom out and try again).



Program

C Edit Run

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Int

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Start

In the Program app, select required program (must first be loaded into ClassPad - no pre-loaded programs) and then tap the play button.

If program has to pause, tap play button to continue (located next to battery status icon at bottom right of screen).

Downloads

System

Reset

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To continue, tap play ↓

English

Connect your CPII to your PC or Mac, select the USB Flash mode and CP will appear as a removable drive. Download eActivities, programs, pictures, csv files and so on straight from the web to the USB storage memory of ClassPad.

Import these items into the working memory of your CPII using System/View Storage & Import.

System

Customise Name and Ending Screen.

Display Settings - lower backlight brightness to save batteries.

Power Properties/Power - Auto Off: 10 min and Backlight Duration: 30 sec.

Reset & Initialise - sort out ClassPad issues! Initialise -> factory settings.

System 🛛	System			\times
Storage Main Memory eActivity View Storage & Import Export Variables Export eActivities Select	Reset Initialize Display Settings Power Properties Language Imaginary Unit Keyboard Shift Keys Memory Management Ending Screen Touch Panel Alignment About ClassPad	 sion	shift tivity Name	
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