

Preparing the TI-Nspire for IB Diploma Assessments

'Press to Test' mode temporarily disables all current documents and denies access to programming libraries.

Switch the TI-Nspire handheld **off**.

Whilst **holding down** the **[esc]** key, press **[on]**

This will give the screen shown on the right ⇒

THEN STOP.

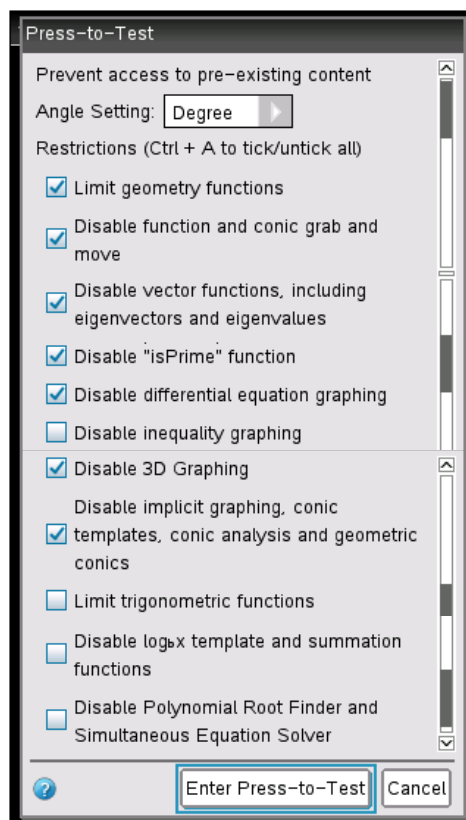
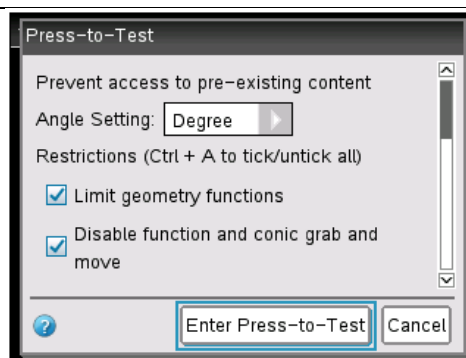
DO NOT SELECT  **YET.**

You need to configure the correct restrictions first.

You will **deselect** only **four options**, as these are all **allowed**:

- Disable inequality graphing
- Limit trigonometric functions
- Disable $\log_b x$ template and summation functions
- Disable Polynomial Root Finder and Simultaneous Equation Solver

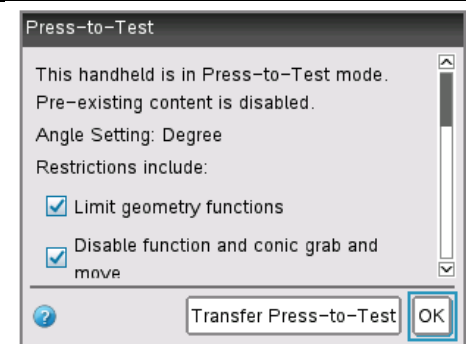
Leave the remaining **seven items selected**.




Click on .

This will cause your TI-Nspire to re-boot.

After a short time, it will display the screen shown on the right ⇒



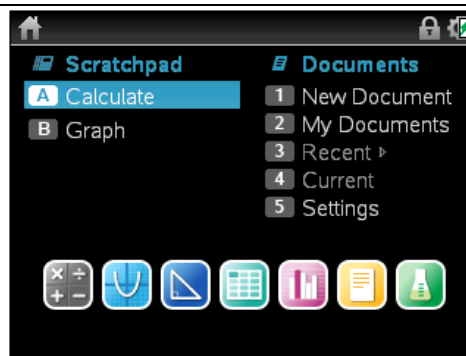
Click on .

This will give the screen shown on the right ⇒

Notice the small padlock icon in the top right hand corner.

Also the **yellow** LED at the top of the handheld will be flashing with **two short pulses**.

You are now ready to use your TI-Nspire in an exam.



Resetting Press-to-Test Mode between Assessments

When Press-to-Test mode is first enabled, the memory is cleared and the TI-Nspire is ready for an assessment.

After that assessment, your TI-Nspire may contain information on the Scratchpad or in saved Documents.

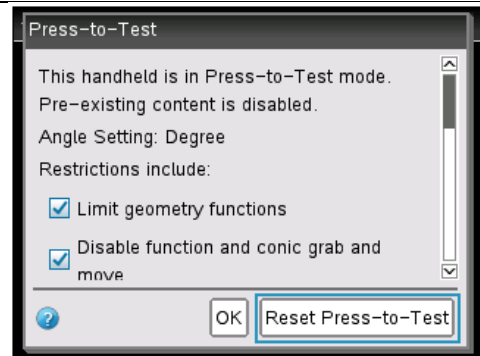
This information needs to be cleared before going into the next assessment, whilst keeping the same Press-to-Test mode settings.

To reset the memory, keeping the same Press-to-Test mode settings, do the following:

Switch the TI-Nspire handheld **off**.

Whilst holding down the **esc** key, press **on**

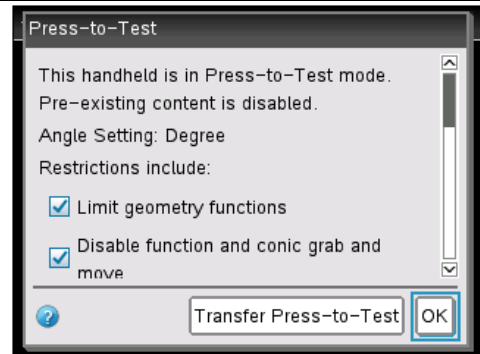
This will give the screen shown on the right ⇨



Select **Reset Press-to-Test**

After a short pause, it will show this screen ⇨

Your TI-Nspire is now ready to use in your next assessment.



Removing the TI-Nspire from Press-to-Test mode

One way to exit Press-to-Test mode is by physically connecting your TI-Nspire to another device. You will need a USB cable and another TI-Nspire Handheld.

Connect your TI-Nspire to another TI-Nspire handheld using a USB cable.

It does not matter whether the second TI-Nspire is in Press-to-Test mode, or not.

Switch **both** TI-Nspires **ON**.



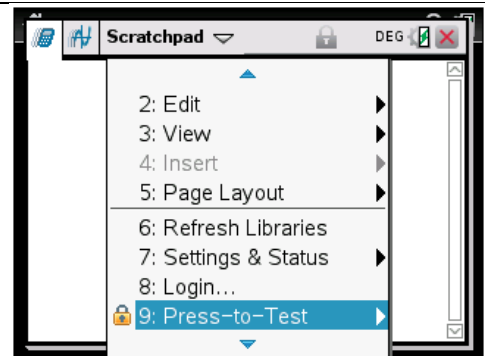
Open the Scratchpad on whichever TI-Nspire handheld is in Press-to-Test mode.

This will give the screen shown on the right ⇒



Press **doc** to open the Documents menu.

This will give the screen shown on the right ⇒

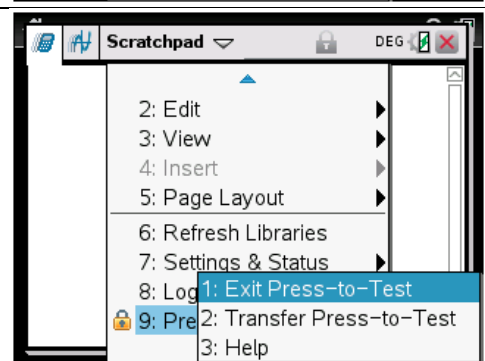


Select **9: Press-to-Test**

Select **1: Exit Press-to-Test**.

This will cause each TI-Nspire in Press-to-Test mode to re-boot. After a short time, it will display the normal Home screen.

You have now Exited Press-to-Test mode.



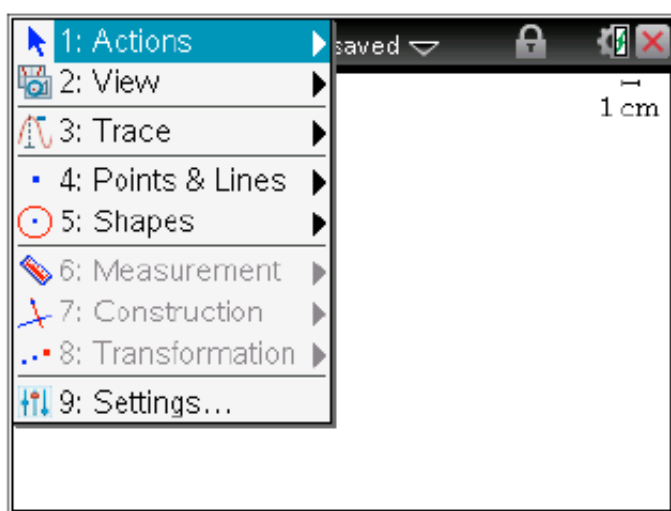
Further Information on Press-to-Test Restrictions

The following information is from the official TI-Nspire User Guide, and it will clarify the functionality of the TI-Nspire that is not available to you when in Press-to-Test mode for IB Diploma Assessments.

Restricting Geometry Functions

When you choose to limit geometry functions, all options on the Measurement, Construction and Transformation menus are disabled.

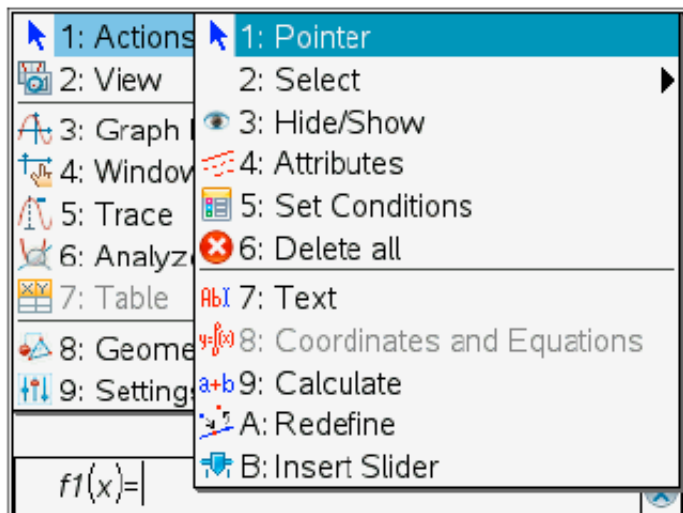
Note: Press ▼ and ▲ to scroll through the menu items on the application menu.



Options on these menus are disabled in Press-to-Test mode.

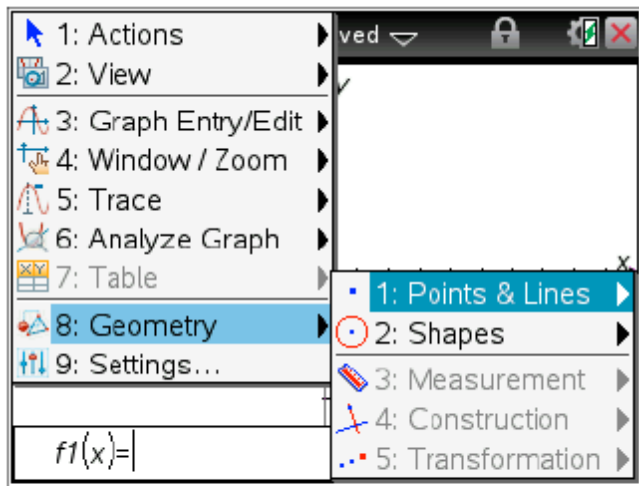
Restricting Graphs Functions

On the Graphs menu, the following options are disabled:



Actions:

> Coordinates and Equations



Geometry:

- > Measurement
- > Construction
- > Transformation

Disabling Function and Conic Grab and Move

- You cannot move any function or conic in Graphs, Geometry or Scratchpad. For example, if you graphed $y=x^3$, you can select the function but you cannot move it in any way.
- Disabling function and conic grab and move does not apply to lines and functions in Data & Statistics.
- Disabling function grab and move does not restrict sliders in the Graphs & Geometry applications.
- You can still grab the coordinate plane and move it around.

Disabling Vector Functions

When vector functions are disabled, students are unable to calculate the following functions:







- Unit vector [unitV()]
- Cross product [crossP()]
- Dot product [dotP()]
- Eigenvector [eigVc()]
- Eigenvalue [eigVl()]

Disabling the “isPrime” Function

The **isPrime(** function is used to determine if a number is a prime number (a whole number greater than two that is only evenly divisible by itself and one). Disabling this function prevents students from selecting the **isPrime(** command in the Catalogue and from selecting **Test > IsPrime** in Maths Operators. When a student manually enters the **isPrime(** function, submitting the expression results in an error message.


Disabling Differential Equation Graphing

The Differential Equation graph type is disabled in the Graphs & Geometry applications. Users are unable to manually type and graph a differential equation. Options for graphing differential equations are disabled in the following menus.

Location/Application	Path
Graphs and Scratchpad	<ul style="list-style-type: none">•  > Graph Entry/Edit > Diff Eq•   > Graph Entry/Edit > Differential Equation
Geometry (within an Analytic window)	<ul style="list-style-type: none">•  > Graph Entry/Edit > Diff Eq•   > Graph Entry/Edit > Differential Equation





Disabling 3D Graphing

When disabled, options for using 3D graphing are disabled in the following menu.

Location/Application	Path
Graphs and Scratchpad	 > View > 3D Graphing

Disabling Implicit Graphing, Conic Templates, Conic Analysis and Geometric Conics

When disabled, students are not able to graph equations in terms of $x = ay + c$ or $ax + by = c$. Conic templates are not available, and students are unable to analyse conics or graph the geometric conic of an ellipse, parabola, hyperbola or conic by five points.

Location/Application	Path
Graphs and Scratchpad	 > Graph Entry/Edit > Equation
Graphs and Scratchpad	 > Analyse Graph > Analyse Conics
Graphs and Scratchpad	 > Geometry > Shapes Ellipse, parabola, hyperbola and conic by five points are disabled.
Geometry	 > Shapes Ellipse, parabola, hyperbola and conic by five points are disabled.