

# Preparing the TI-Nspire for IB Diploma Assessments

P T d a d ab a c  
d c a dd acc a  
b a .

S c TI-N a d d .

W  d d  ,

T c →

**THEN STOP.**  
**DO NOT SELECT**  **YET.**

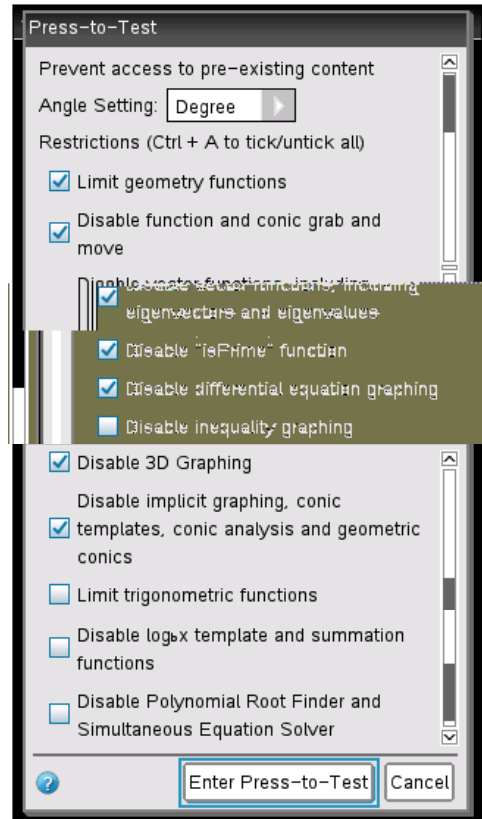
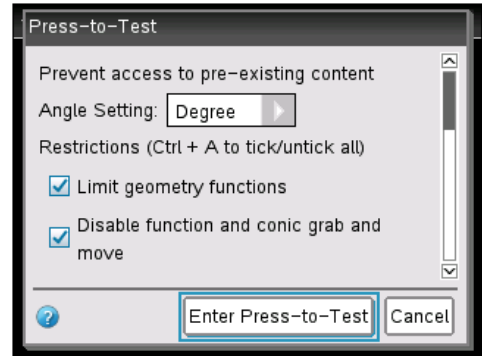
Y d c c c c .  
U c ad b a d  
d c b c c c c ad.


Don't use the key for this process.

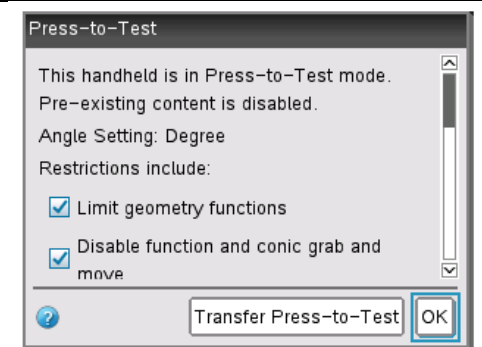
Y d c , a a a  
a d:


- D ab a a
- L c c
- D ab b a a d a  
c
- D ab P a R F d a d  
S a E a S

L a a c d.



C c   
T ca TI-N -b .  
A a , d a c  
→



C c   
T c →  
N c a ad c c a d  
c .  
A LED a a d d b  
a .  
Y a ad TI-N a a .



## Resetting Press-to-Test Mode between Assessments

W P - -T d ab d, c a d a d TI-N  
ad a a .

A a a , TI-N a c a a Sc a c ad  
a d D c .

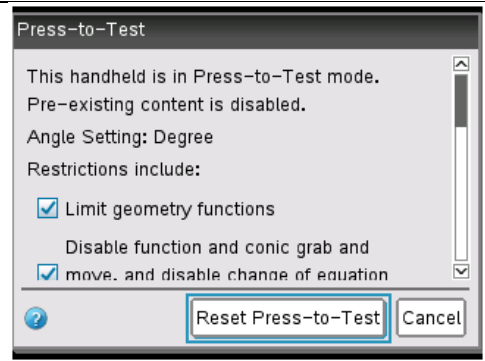
T a d b c a d b a ,  
a P - -T d .

T d , d , a P - -T

S c TI-N a d d .

W d d ,

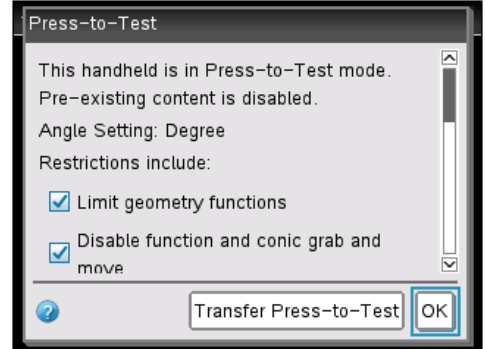
T c ⇒



S c Reset Press-to-Test

A a a , c ⇒

Y TI-N ad  
a .

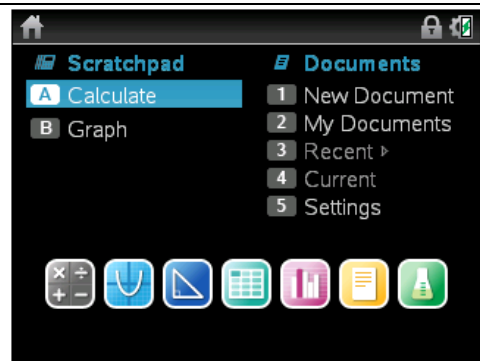


# Removing the TI-Nspire from Press-to-Test mode

O a P - -T d b ca c c TI-N a  
 d c .Y d a USB cab a d a TI-N Ha d d.

C c TI-N a TI-N a d d  
 a USB cab .

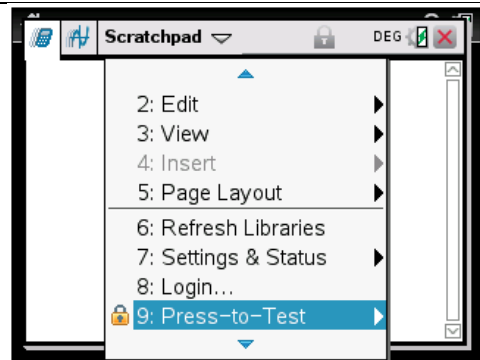
I d a c d TI-N  
 P - -T d , .  
 S c b TI-N ON.



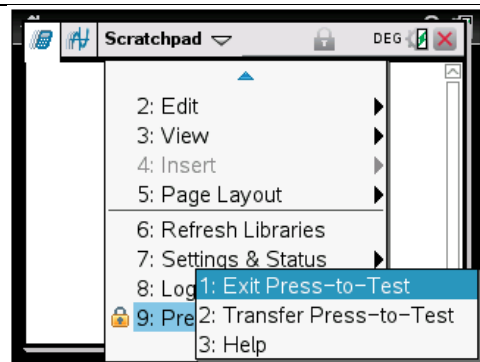
O Sc a c ad c TI-N  
 a d d P - -T d .  
 T c →



P D c .  
 T c →



S c 9: P - -T  
 S c 1: E P - -T .  
 T ca ac TI-N P - -T d  
 -b .A a , d a a  
 H c .  
 Y a E d P - -T d .



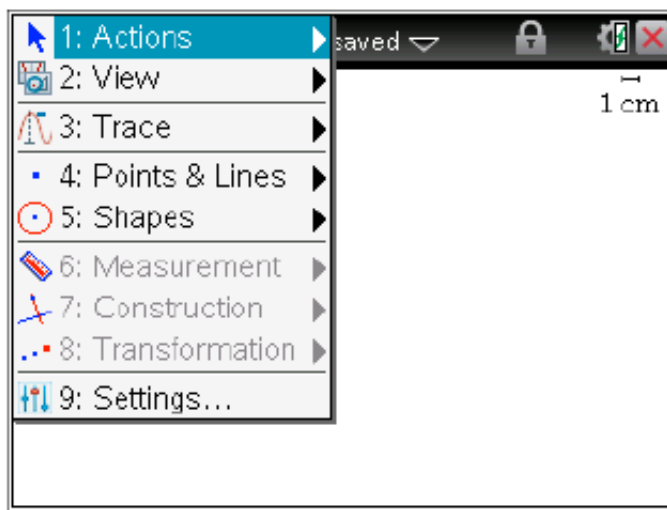
## Further Information on Press-to-Test Restrictions

T a ca TI-N U G d , a d ca  
 c a TI-N a a ab P - -T d IB  
 D aA .

### Restricting Geometry Functions

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

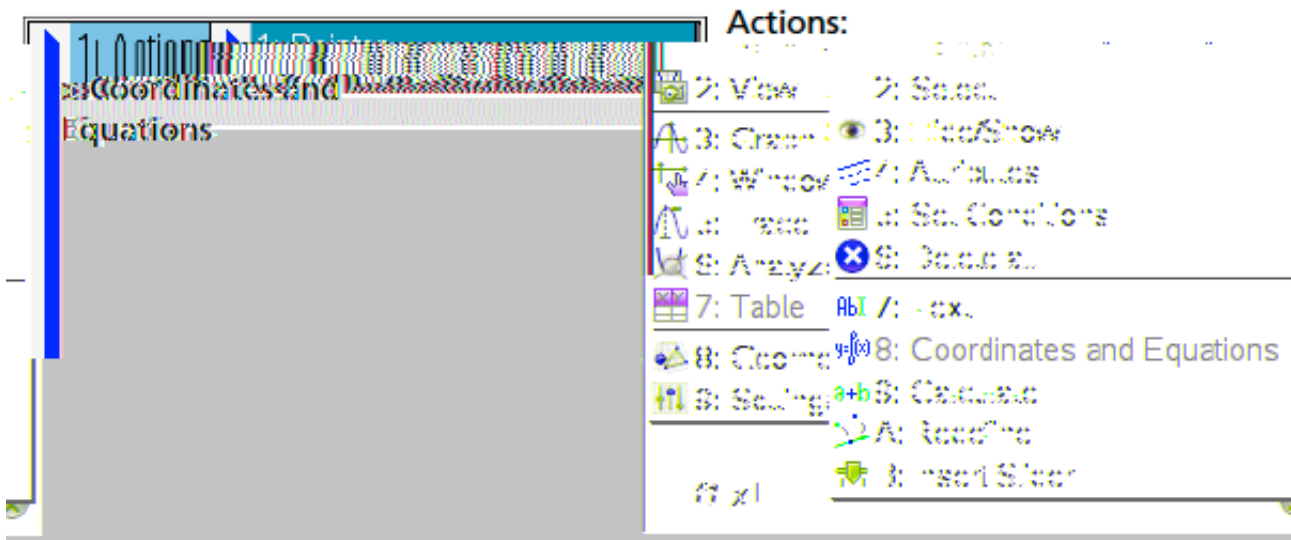
**Note:** Press ▼ and ▲ to scroll through the menu items on the application menu.

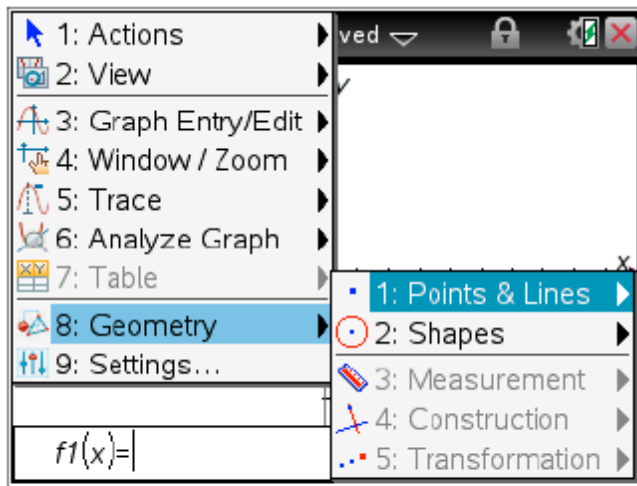


Options on these menus are disabled in Press-to-Test mode.

### Restricting Graphs Functions

On the Graphs menu, the following options are disabled:





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( $\vec{v}$ )]
- Cross product [crossP( $\vec{v}, \vec{w}$ )]
- Dot product [dotP( $\vec{v}, \vec{w}$ )]
- Eigenvector [eigV( $A$ )]
- Eigenvalue [eigV( $A$ )]

## 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"><li>•  &gt; Graph Entry/Edit &gt; Diff Eq</li><li>•   &gt; Graph Entry/Edit &gt; Differential Equation</li></ul>
Geometry (within an Analytic window)	<ul style="list-style-type: none"><li>•  &gt; Graph Entry/Edit &gt; Diff Eq</li><li>•   &gt; Graph Entry/Edit &gt; Differential Equation</li></ul>





## Disabling 3D Graphing

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

Location/Application	Path
Graphs and Scratchpad	 > Graph Entry/Edit > 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.