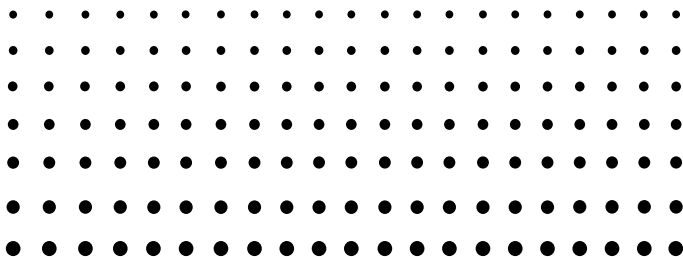
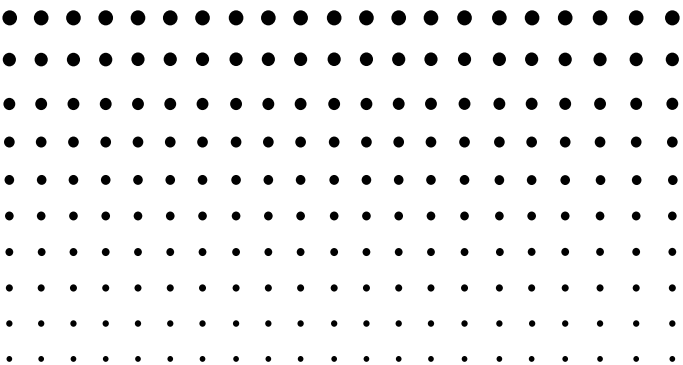


For ClassPad 300

E



Using Verify



CASIO[®]

<http://classpad.net/>



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1 Verify Overview

Verify provides you with a powerful tool to check whether your numeric or algebraic manipulations are correct. Verify will assist you in simplifying an expression by verifying whether or not the expression you entered is equivalent to your original expression. If it is, you will get a pleasant response; if not, you will need to correct your mistake before continuing.

You can access Verify within the Main application or the eActivity application. In the Main application, you can save Verify sessions in ClassPad memory and reopen the session for future use.

Verify sessions can also be saved within an eActivity. For more information on saving an eActivity, see “10-2 Creating an eActivity” of your ClassPad 300 User’s Guide.


Important!

- Most Verify operations are the same in both the Main application and the eActivity application.

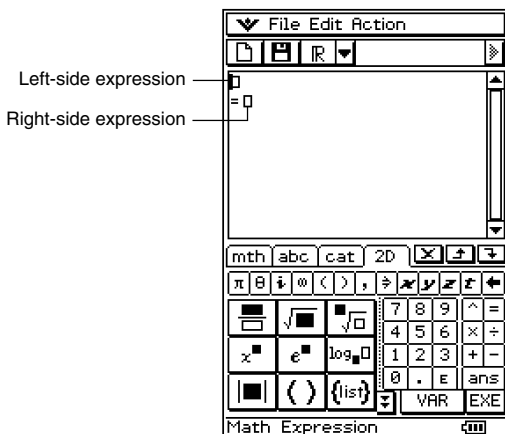
Starting Up Verify

Use the following procedure to start up Verify.

• ClassPad Operation

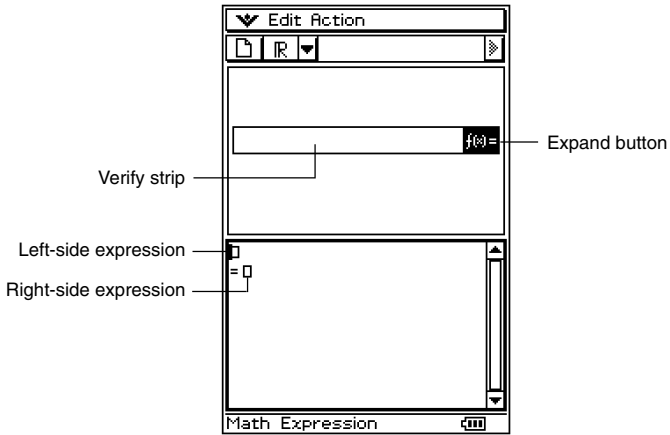
- (1) While the Main application or eActivity application is running, tap the toolbar down arrow button.
- (2) On the icon palette that appears, tap .
 - The appearance of the Verify window depends on whether you started from the Main application or eActivity application.

Main Application Verify Window





eActivity Application Verify Window





- You can toggle the display of the soft keyboard by pressing **Keyboard** or by tapping **⌵** and then [Keyboard].



Verify Menus and Buttons

This section provides basic information about Verify menus, commands, and buttons.

Tip

-  menu items are the same for all applications. For more information, see “Using the  Menu” on page 1-5-4 of your ClassPad 300 User’s Guide.

■ File Menu (Main Application Only)

To do this:	Select this File menu item:
Discard the current window contents and create a new file	New
Open an existing file	Open
Save the current window contents to a file	Save

■ Edit Menu

To do this:	Select this Edit menu item:
Undo the last operation or redo an operation that was just undone	Undo/Redo
Cut the currently selected object and place it onto the clipboard	Cut
Copy the currently selected object and place it onto the clipboard	Copy
Paste the current clipboard contents onto the screen	Paste
Select the entire row where the cursor is located	Select All
Delete the entire row where the cursor is located	Delete
Clear the Verify window	Clear All

■ Action Menu

For information about Action menu commands, see “2-7 Using the Action Menu” of your ClassPad 300 User’s Guide.

Important!

Some Action menu commands are not useful in Verify, but for ease of use Verify’s Action menu is identical to the Action menus in the Main application and the eActivity application.



■ Verify Buttons

To do this:	Tap this Verify button:
Clear the Verify window (same as the Clear All command)	
Open or save a file (Main application only)	
Specify the complex number calculation range for Verify	
Specify the real number calculation range for Verify	

Using Verify

The following examples show the basic steps for using Verify. Each example is performed using the Main application, but the steps are identical for the eActivity application unless noted otherwise.

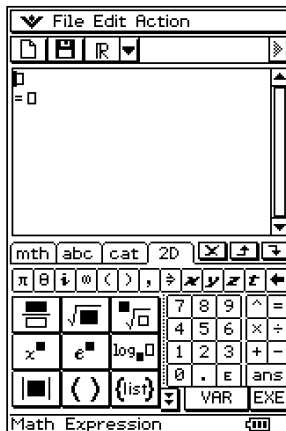
Important!

- In Verify, you can press EXE or tap with the stylus to move the cursor between lines.
- A message will appear to let you know whether or not the calculation result is valid.

• ClassPad Operation

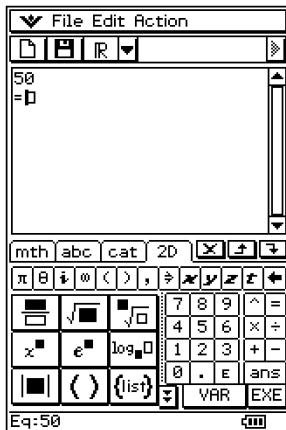
Example 1: To factor 50 completely

- (1) On the application menu, tap to start up the Main application.
 - If you want to use the eActivity application, tap instead.
- (2) Tap the toolbar down arrow button.
- (3) On the icon palette that appears, tap $\int \text{f(x)} =$.

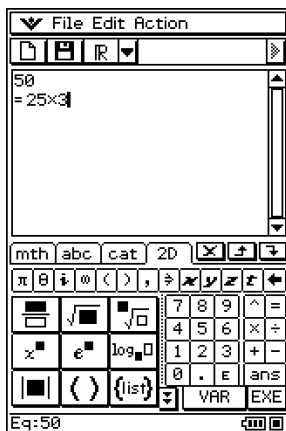




- (4) Input 50 and tap **EXE**.



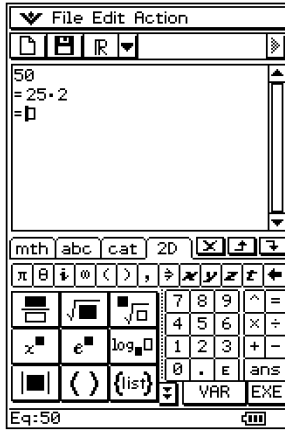
- (5) Following the equal sign (=), input 25×3 and tap **EXE**.



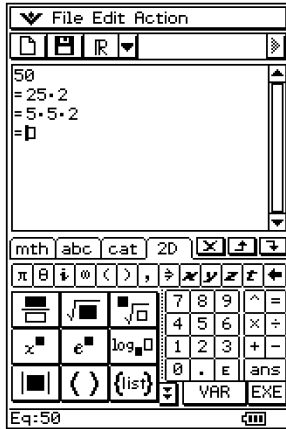
- (6) Tap [OK] to close the error dialog that appears.



(7) Change 25×3 to 25×2 and tap **EXE**.




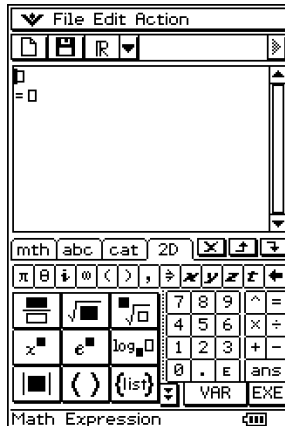
(8) Following the next equal sign (=), input $5 \times 5 \times 2$ and tap **EXE**.




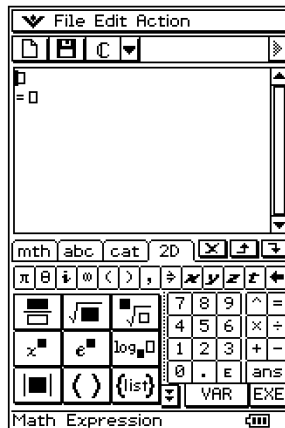
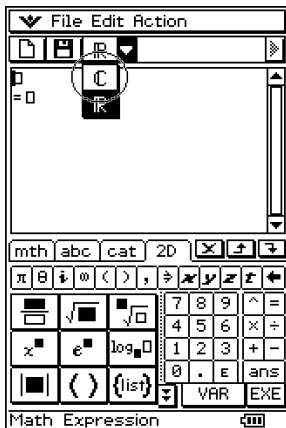


Example 2: To rewrite $x^2 + 1$ in factored form

- (1) Tap the left most toolbar icon  to begin a new Verify session.
- (2) Tap [OK] to clear the window.

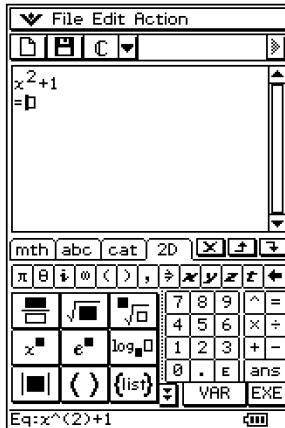


- (3) Tap the down arrow on the toolbar and select .

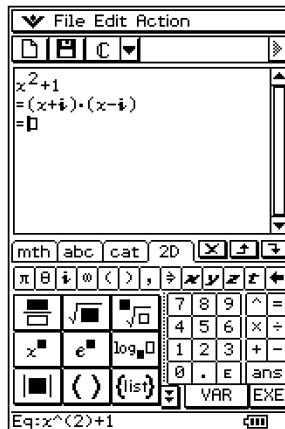




(4) Input $x^2 + 1$ and press EXE .



(5) Input $(x + i)(x - i)$ and press EXE .



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