FEET INCH Dimensional Calculator

Main Help Index

FEET INCH Dimensional Calculator is a calculator for underlined dimensional data. Numbers are entered in decimal or feet-inch-fraction of inch formats. This help file is intended to answer most questions regarding the program.

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See Also:

Keyboard Use

The keyboard can be used for every function of the program. However, a mouse is strongly recommended.

Shortcut Keys

Key	Action
C	Clear
Q	Square Root
X	x^2
Y	Clear Entry
/	Divider for fractions

ALT Combinations

Hold down the ALT key and press the underlined key of the desired option, menu, or command button (<u>C</u>ontrol).

Tab Key

Press the tab key until the desired <u>Control</u> is selected. Press the ENTER key or space bar to activate the control.

Entering Numbers

If NUMLOCK is on, the numeric keypad can be used for quick data entry similar to an adding machine. The entry of fractional inches is allowed using the "/" key on the keypad at the appropriate time.

Example: Procedure to enter 3' 6-1/2"

Mouse	Keyboard
3	3
Enter	Enter
6	6
Enter	Enter
○ 1/2	1
Enter (optional)	/
	2
	Enter

The use of "/" on the keypad will cause division except when the ENTER key has been pressed twice in a numeric entry.

The " * " key is the same as the " × " control (multiply). The " / " key is the same as the " ÷ " control (division) except when used for entering fractions

Mouse use

The mouse can be used to select most controls on the screen. Only the left mouse button is used.

To select a control, position the screen pointer over the desired control and click (press) the left mouse button.

How to Enter Data

The ENTER key is used to allow entry of "feet-inch-fraction of inch" type entries.
Example: 0' 5-3/4"

Mouse	Keyboard
[0] (optional)	0 (optional)
[Enter]	Enter
[5]	5
[Enter]	Enter
○ 3/4	3
[Enter] (optional)	/
	4
	Enter

See Also:
Keyboard Use
Mouse Use

Number Buttons

| 7	8	9
4	5	6
1	2	3
0	.	
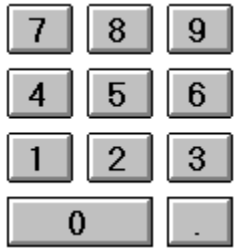
The numbers 0 through 9 and the decimal point can be entered on the keyboard or with the mouse.

If numbers are entered without using the ENTER key, the decimal value is converted to feet-inch-fraction of inch format (rounded to the nearest sixteenth of an inch).

If numbers are entered using the ENTER key, the inch entry can be greater than 12, however the fractional values cannot be greater than 1.

The numbers' on screen layout corresponds to the standard numeric keypad.

Square Root and x² Buttons

x²
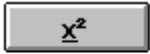
SquareRoot

Pressing the Square Root Button will display the square root of the number.Similarly, the x² Button will square the displayed value (multiply the number by itself).

Operand Buttons

Mouse	Keyboard	Function
+	+	Addition
–	-	Subtraction
×	*	Multiplication
÷	/	Division
+/–	ALT+/	Change Sign
=	=	Equals

The on-screen operand layout should agree with the numeric keypad key arrangement.

The operands can be "chained".
Example:

2

+

=

4

Enter Button

Enter

The ENTER button is used to enter feet THEN inches and THEN fractions of an inch.
Example: 0' 0-1/4"

Mouse	Keyboard
0 (optional)	0 (optional)
Enter	Enter
0 (optional)	0 (optional)
Enter	Enter
○ 1/4	1
Enter (optional)	/
	4
	Enter

See Also:
How to Enter Data

Clear and Clear Entry Buttons
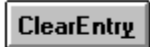
ClearEntry

Clear

The CLEAR button will clear all pending operations; however, it will not clear the clipboard, the memory, the tape, or the triangle.CLEAR ENTRY will only clear the latest entry.

Clear Entry is used to start a numeric entry over without eliminating the previously entered values. It can also be used if you cannot remember if you are entering feet, inches or fractional inches.

File Menu

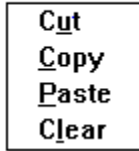| File		File	
Exit	Ctrl+X	Exit	Ctrl+X
About...		About...	
Not Always on Top		√ Always On Top	
Help	F1	Help	F1

Exit - Quit the program.
About - Displays program information.
Always on Top (&) Not Always on Top - Valid only for Windows 3.1; see the 3.1 Clock
Help - Opens the MiniHelp program.

Clipboard Menu

Clipboard
| Cut |
| Copy |
| Paste |
| Clear |

The Clipboard is a Windows object that allows transfer of data between programs. The decimal display value will be copied to the clipboard as text. Windows calculator will accept data in this format and FEET INCH Dimensional Calculator accepts data pasted from it.

Cut - Copies the decimal display to the Clipboard replacing any previous Clipboard value. Changes the displays to zero.

Copy - Copies the decimal display to the Clipboard replacing any previous Clipboard value.

Paste - Copies the current Clipboard value to the displays.

Clear - Clears the Clipboard (not required for "Copy" or "Cut").

Memory Menu

Memory

Add	Ctrl+A
Subtract	Ctrl+M
Clear	Ctrl+C
Recall	Ctrl+R
Sigma	

Add - Adds the value displayed to the current stored memory value.
Subtract - Subtracts the value displayed from the current stored memory value.
Clear - Clears the stored memory value.
Recall - Places the stored memory value on the display.
Sigma - A check mark will appear if Sigma is on. Sigma will add the displayed value to the stored memory value each time the "=" key is pressed.   Selecting Sigma again will toggle off /on the Sigma feature.

Add to Memory ?

Add 5ft.0in.to Memory ?

Yes   No

 This dialog box is presented each time the Sigma feature is invoked. The Sigma feature is used to accumulate the results of a series of calculations.

Installation in a Program Group

Procedure:
1. Start Program Manager
2. Open the desired program group.
3. Select **File New...**.
4. Select the **Program Item** Option and **OK**.
5. Enter the **Description** and **Command Line** and **OK**.

Automatic Installation:
If the program is intact (it is shareware) follow the following steps.
This will automatically install a program group and several program items.
1. Start windows
2. Insert the diskette labeled "Disk1: Setup disk" in drive **A:**.
3. In the File Manager, choose Run from the File Menu.
4. Type **a:\setup** and press enter.

Runtime Library

The runtime library VBRUN100.DLL must be in the Windows directory or available in the current path.
The file is copyrighted to Microsoft Corporation and cannot be distributed without Microsoft's permission.

Any on-screen buton, scroll bar, check box or menu.

Sigma(Σ) is the Greek letter that symbolizes a sum in mathamatics.

Dimensional data includes data from a blueprint or a tape measure.

Dimensional data such as 3' 6-1/4" instead
 of   a decimal representation like 3.5208333.