



Creating Something : Part 2 - Statements



To do almost anything you will have to enter an expression into LiveMath. Unfortunately, LiveMath does not come with voice recognition, which means you must type in your expression.

This means you need a place to type within the notebook.



You will enter many different types of informational objects as you work with LiveMath. By far Comments and the Statements are the most popular.



Statements



You have already seen many comments. You are reading one right now. However, you may not have seen any statement icons until now.

Here comes one...



That is a statement icon to the left of the question mark. Sometimes a statement with this icon is called an assumption. There will be other kinds of statements as we dig into LiveMath.

A statement is where you enter all of your definitions, perform operations, and get results. [The math occurs in statements.](#)



You can create a new statement comment icon in a couple of ways.

1) Menu

In the Notebook Menu there is a submenu called Insert New. In the Insert New submenu there is a selection called Math Statement. Selecting this will create a new statement comment icon.

2) Keyboard Shortcut

Your keyboard should have two keys called the **RETURN** key and the **ENTER** key. Pressing the **RETURN** key will create a new statement comment icon.



The initial position of a new statement icon is dictated by the current position of the cursor. The new statement will be placed immediately below the object which currently holds the cursor.

If you would like to place a statement icon in a position other than where you are currently working:

- 1) Find the object immediately above where you wish to place the new statement.
- 2) Click on that object's icon. The entire object will be highlighted.
- 3) Press the **RETURN** key or select Math Statement from the menus.

- Once your new statement icon appears, start typing. Your keystrokes will go into the statement. You can later add more to a statement by using the mouse to position the cursor inside the statement text where you wish to add text and then start typing.

You can also use all of the math options in the palette in your statement.



Now It's Your Turn... Follow the directions below to get hands on experience.



1.

- Click on this comment icon to highlight it. It will highlight the icon and all of the text within this comment. Then press the **RETURN** key. You should get a new statement icon below here.....

.....and above here.



2.

Create a new statement below this comment and write $x = 3$ in it.



3.

Create a new statement below this comment and write $2 + 3$ in it.