

General *Mathematica* tips:

1. **Capital Letters** Every built-in function (like `Plot`, `Sqrt`, `Sin`) and every built-in constant (like `Pi`) begins with a capital letter.
2. **Parentheses** Use parentheses to specify the order of operations, as when using a graphing calculator.
3. **Square Brackets** Whenever passing an argument to a function (i.e. plugging something in to a function), you must use square brackets. For example, use `Sin[Pi/4]` to find $\sin(\pi/4)$.
4. **Curly Braces** Whenever creating lists or ranges, use curly braces. For example, when using the `Plot` command, use `{x, -10, 10}` to set the x -range to $[-10, 10]$.
5. **Shift + Enter** To execute a command, it is necessary to press `Shift + Enter`.

Here is a nice resource for students getting started with *Mathematica*:

<http://www.wolfram.com/language/fast-introduction-for-math-students/en///>