

## Defining a Function.

To define any function, open the Define Function dialog with the menu command in the **Functions** menu (Command-F). The expression may be entered in standard basic notation. The following symbols are used to denote common mathematical operations.

- + add
- subtract
- \* multiply
- / divide
- ^ raise to a power
- () to group terms to modify the evaluation order. Any amount of parenthesis nesting is permitted.

In addition, many scientific functions are available, such as sin, log, etc. See the help item on Unary Operators for a full list.

You can enter multiple expressions, separated by a semi-colon (;). All will be plotted on the same graph. On a colour system, checking the 'Auto-colour multiple functions' button will colour each trace differently if you enter more than one expression.

An expression, or set of expressions cannot exceed 255 characters in length, including any additional spaces (whitespace) that you add.