

Polynomials.

Polynomials are expressed as a sum of a series of terms involving x with each one a different (descending) power of x . Though many types are possible, this program comes with only three basic ones built-in.

3rd Order. The highest power of x is 3 (Cubic).

4th Order. The highest power of x is 4 (Quartic).

5th order. The highest power of x is 5.

You can use the Secondary Variables dialog to set values for a, b, c, d and e in all of these expressions, and to iterate the function over a range of these values.

To plot more complex polynomials, enter the expression using the Define Function dialog.