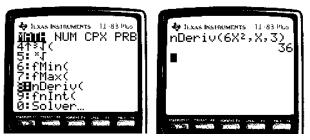
Useful Math functions on TI-83/84

Numerical Derivative

 $[MATH] \rightarrow [8] \rightarrow "Type in (function, variable, evaluation point)" \rightarrow [ENTER]$



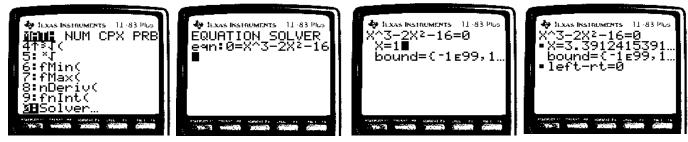
Numerical Integral

 $[MATH] \rightarrow [8] \rightarrow "Type in (function, variable, lower bound, upper bound)"$



Equation Solver

 $[MATH] \rightarrow [0] \rightarrow "Type in equation so that it is set equal to zero" \rightarrow [ENTER] \rightarrow Type in arbitrary guess \rightarrow [ALPHA] \rightarrow [ENTER]$



Solve System of Linear Equations

Arrange the system of equations as shown: $Ax_1 + Bx_2 + Cx_3 = Constants$ $Dx_1 + Ex_2 + Fx_3 = Constants$

 $Gx_1 + Hx_2 + Ix_3 = Constants$

Where A through I are constant coefficients for each variable $x_1, x_2, x_3 \dots x_n$.

