

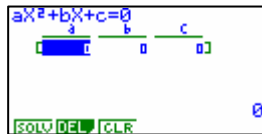
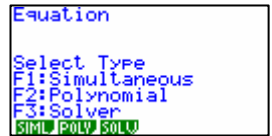
# SOLVING POLYNOMIAL EQUATIONS

This resource was written by Derek Smith with the support of CASIO New Zealand.  
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The calculator can solve quadratic and cubic equations in the form:

A quadratic equation:  $ax^2 + bx + c = 0$

A cubic equation:  $ax^3 + bx^2 + cx + d = 0$



Use the calculator in EQUA mode.

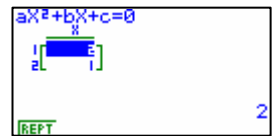
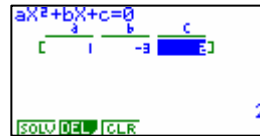
**For a quadratic equation** Entry by: F2 key then F1 key

## Example 1:

Solve  $x^2 - 3x + 2 = 0$

Enter the coefficients of the equations.

Press the F1 key to solve the equations.

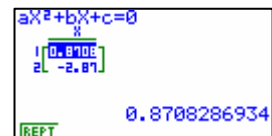
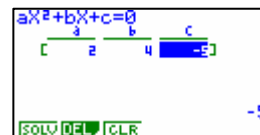


## Example 2:

Solve  $2x^2 + 4x - 5 = 0$

Enter the coefficients of the equations.

Press the F1 key to solve the equations.

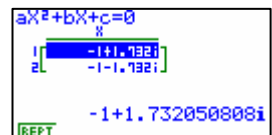
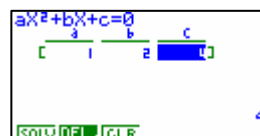


## Example 3:

Solve  $x^2 + 2x + 4 = 0$

Enter the coefficients of the equations

Press the F1 key to solve the equations



For further tips, more helpful information and software support visit our website  
[www.monacocorp.co.nz/casio](http://www.monacocorp.co.nz/casio)

