

Instructions for setting up your TI 83/84 calculator to perform the quadratic formula

:Prompt A,B,C {Prompt is in **PRGM** under I/O}

:($B^2-4*A*C$)→D {The arrow is **STO**}

:If D < 0 {If is in **PRGM** under CTL} {< is in **TEST** }

:Then {Then is in **PRGM** under CTL}

:Disp "NO REAL SOLUTIONS" {Disp is in **PRGM** under I/O} {Words within "" are typed using **ALPHA**}

:Goto 1 {Goto is in **PRGM** under CTL}

:Else {Else is in **PRGM** under CTL}

:((-B - $\sqrt{(D)}$)/(2A)) → E {The $\sqrt{\quad}$ is square root}{The first - is the negative sign}

:((-B + $\sqrt{(D)}$)/(2A)) → F

:Disp "SOLUTIONS",E,F

:Lbl 1 {Lbl is in **PRGM** under CTL}

<http://math.arizona.edu/~krawczyk/Calculator/TI83/TI83QF.html>