Using the TVM Solver for Financial Applications
on the TI-84 Plus Calculator

The TVM Solver is a Financial Math application that is available on the TI-84 Plus calculators which can be used to solve all kinds of problems related to loans and investments. Some examples include calculating interest rates, payment amounts, present values and future values.

To access the TVM Solver, turn on the calculator and press APPS. Select 1: Finance, then 1: TVM Solver.

A list of variables (set to default values) is displayed on the screen. When solving a problem, you will enter values for all but one of these variables (the one you are solving for), then move the cursor to the one you would like to calculate and press ALPHA and ENTER.

Here is an explanation of what each variable represents:

N	Total number of payment periods over the investment or loan For example, if paying monthly for 6 years, enter 72 (ie. 12x6)
I%	Annual interest rate
PV	Present value of the loan or investment
PMT	Payment/installment amount for your loan or investment When entering the payment amount, remember to make the number *negative*
FV	Future value of the loan or investment Remember, when paying of a loan the future value will be 0
P/Y	The number of payments/installments you are making in a year
C/Y	The number of compounding periods per year
PMT	Select END if payments are made at the end of each compounding period Select BEGIN if payments are made at the beginning of each compounding period **Usually, we set this to END**