Solving Compound Interest Problems on the TI-83 Graphing Calculator

TVM Solver: We can use the TVM Solver to solve for any _____

in our _____ interest formula.

TVM stands for _____ _____ _____

To get to the TVM Solver press: [_____] → [_____] → [_____]

The list of the variables and what each variable represents is below:

N	Number of _____ of investment
I%	Interest rate as a _____
PV	Principle (_____ _____)
PMT	Always set to 0 (not used)
FV	_____ _____ of investment
P/Y	Always set to 1 (not used)
C/Y	Number of _____ _____ per _____

For the solver to work, set PV as negative

To solve for a variable, highlight the variable then press: [ALPHA] → [ENTER]

```
N=
I%=
PV=
PMT=
FV=
P/Y=
C/Y=
PMT:END BEGIN
```

What is your investment worth if you invested $2,300 at 3.5% interest compounded quarterly for 5 years?