Advanced Math
GC-2
Calculator Memory

On you calculator, type X and Enter. What happens? A number will be displayed on the screen. It could be anything!

The Store button looks like this: STO➤

On you calculator, type 8 STO➤ X and Enter. What happens?
8 should be displayed on the screen. 8 is now stored in the X variable.

Now type x^2 and Enter. What Happens?
64 should be displayed on the screen. The number stored in the X variable will be squared.

Update the virtual memory for each:

1) 3 STO➤ X Enter   The 16 in X will be replaced with 3.

2) E STO➤ B Enter   The number in E (13) will now be stored in B

3) $X^2 - 5*X*Y + Y^2$ STO➤ Z -17 will be stored to Z.
$3^2 - 5 \cdot 3 \cdot 2 + 2^2$

4) -2 STO➤ X Enter

5) 1 STO➤ Y Enter

6) Re-do #3) above. $(-2)^2 - 5(-2)(1) + (1)^2$

The new numbers for X and Y will be substituted and 15 will be stored to Z.

You can scroll back through previous entries on the calculator using the up arrows or the Entry button. Saves typing!

TI Memory

A	34
B	823 13
C	-4
D	0
E	13
.	
X	16 3 -2
Y	2 1
Z	0 -17 15
Θ	3.14159

Assignment:
GC - 2 Handout