ROWOPS Instructions for TI- 82 and TI-83 And TI-84

ROWOPS is a program that must be loaded into your calculator. If you press the PRGM button, you will see ROWOPS listed if your calculator has it. You can get it loaded from me in class on the days I do it, or in the Math Lab anytime, or from anyone with your same type of calculator who has the program, provided you know how to use the cables to load.

To use ROWOPS to solve a system of equations using the Gauss Jordan method, do the following:

1) Enter the augmented matrix using the EDIT option under MATRIX .

2.) Press PRGM button, and arrow down to, or choose ROWOPS.   ** Do not go to the EDIT option **

3.) Display will show   prgmROWOPS   Hit Enter

4.) Display will show: ***Select Matrix***

　　　　　　　　　　　1: [A]

　　　　　　　　　　　2: [B]

　　　　　　　　　　　3: [C]　　　　　　　Select the matrix you want, and it will

　　　　　　　　　　　4: [D]　　　　　　　display on the screen.

　　　　　　　　　　　5: [E]

　　　　　　　　　　　6: Quit　　　　　　　Press Enter to continue

5.) Choose from the operations:

　　　　　　　　　　　1: rowSwap (

　　　　　　　　　　　2: row+(

　　　　　　　　　　　3: *row(　　　　　　Note: Use this to get leading 1

　　　　　　　　　　　4: *row+(　　　　　Note: Use this to get a zero

　　　　　　　　　　　5: QUIT TO MAIN

The main operations we will use will be #3 and # 4.

　　　　　　#3 multiplies a row by a constant.

　　　　　　#4 multiplies a row by a constant and adds the row to another row.

With each operation, follow the prompts. When you are finished, press 5 to quit, then 6.

Note: If you ever input a wrong row number or constant, you cannot back up and undo your error. You will have to quit the program and start over. The matrix is never "saved" as you change it.