

## Matrices on TI-83 or TI-84

### Setting up the matrices in your calculator:

1. Press 2<sup>nd</sup> then MATRIX (above  $x^{-1}$  )
2. Go over to EDIT
3. Press ENTER on the matrix you want to edit
4. Change the order to match the problem
5. Enter each element pressing ENTER in between numbers
6. Press 2<sup>nd</sup> QUIT to get back to the calculator page

### Doing operations with the matrices:

1. Press 2<sup>nd</sup> MATRIX
2. On the first screen press ENTER on the matrix you want to use
3. Use the regular calculator buttons for the operations and press ENTER when ready

## Matrices on TI-nspire

### Solving with Matrices:

1. Start at the home page
2. Go to calculator (letter A)
3. Press MENU, 7, 1, 1
4. Enter all the numbers into your matrix
5. Do the operation asked for (ex. Matrix  $^{-1}$  for inverse)
6. Repeat steps 3-4 to enter another matrix
7. Press ENTER for the answer
8. To make decimal answers press CTR and then ENTER