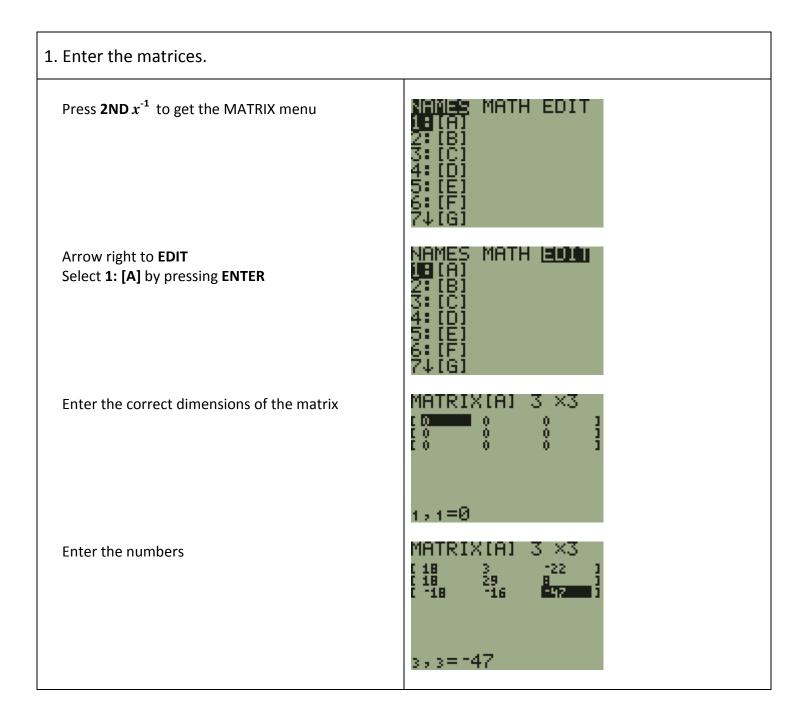
Solving Linear Systems Using Matrices

	(18x + 3y - 22z = -507)		[x]	[18	3	-22]	$\begin{bmatrix} -507\\ 171\\ 492 \end{bmatrix}$
	18x + 29y + 8z = 171	\Rightarrow	y =	18	29	8	171
	(-18x - 16y - 47z = 492)		$\lfloor_Z \rfloor$	L-18	-16	<u>-47</u>	L 492]



Press 2ND x ⁻¹ to get the MATRIX menu Arrow over to EDIT Select 2: [B] by pressing ENTER	NAMES MATH EDI 1:[A] 3×3 28 [B] 3:[C] 4:[D] 5:[E] 6:[F] 7↓[G]			
Enter the correct dimensions of the matrix Enter the numbers	MATRIX[B] 3 ×1 [-507] [171] [492] 3 , 1=492			
Press 2ND MODE to Quit				
2. Enter the equation to find the solution.				
Press 2ND x^{-1} to get the MATRIX menu Select 1: [A] by pressing ENTER Press x^{-1} Press 2ND x^{-1} to get the MATRIX menu Select 2: [B] by pressing ENTER	(A) ⁻¹ (B)∎			
Press ENTER again.	(A) ⁻¹ (B) -41 33 -6			