

Use your calculator to calculate the determinant of the following matrix:

$$\begin{bmatrix} -1 & -2 & -3 \\ 4 & 5 & 6 \\ 3 & 2 & 0 \end{bmatrix}$$



1. Enter the matrix into calculator.
 - press the **MATRX** button (2nd x^{-1} , right below **MATH** button)
 - press right arrow twice to "EDIT", and press **ENTER**
 - type "3 **ENTER** 3" (this is the dimensions of your matrix)
 - type in numbers pressing **ENTER** after each entry.
 - Quit - press "2nd Mode"
2. Calculate the determinant of the matrix entered.
 - press the **MATRX** button (2nd x^{-1} , right below **MATH** button)
 - press right arrow once to "MATH", and press **ENTER**
 - now "det(" is on your screen
 - press the **MATRX** button (2nd x^{-1} , right below **MATH** button)
 - press **ENTER** to select [A]
 - type ")" and press **ENTER**