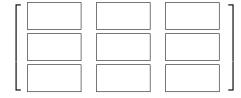
Given the matrix

$$\left[\begin{array}{ccc} 3 & 0 & 1 \\ -1 & 1 & -1 \\ 1 & 1 & 0 \end{array}\right],$$

(a) does the inverse of the matrix exist? Choose Yes or No.

(b) if your answer is yes, enter the inverse of the matrix below.



Given the matrix

$$\left[\begin{array}{ccc} 3 & 0 & 1 \\ -1 & 1 & -1 \\ 1 & 1 & 0 \end{array}\right],$$

(a) does the inverse of the matrix exist? Choose Yes or No.

Yes

(b) if your answer is yes, enter the inverse of the matrix below.

$\lceil \lceil$	1	1	-1
	-1	-1	2
	-2	-3	3