

# Quiz #3

*Please print your name:*

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**Problem 1.** Consider the matrix  $A = \begin{bmatrix} 1 & 0 & 2 \\ 1 & 1 & 0 \\ 1 & 0 & 1 \end{bmatrix}$

- (a) Calculate  $A^{-1}$ .
- (b) Calculate  $\det(A)$ .