

MATH 4A

Quiz 3 - Monday, March 5

Name:

Section Time:

Problem 1: Given the matrices A and B below, use determinants to determine if the following matrices are invertible. If so, find the inverse.

$$A = \begin{bmatrix} 1 & 2 & 1 \\ 0 & 1 & 1 \\ 0 & 0 & 2 \end{bmatrix} \quad B = \begin{bmatrix} 1 & 3 & 1 \\ 0 & -2 & -2 \\ 3 & 11 & 5 \end{bmatrix}$$

• A

• B

• AB