

MATH 220
Fall 2019
Quiz 1

Full Name/ Student ID:

1) Find the inverse, if it exists, of the following matrix.

$$A = \begin{bmatrix} 1 & 1 & 1 \\ 1 & 2 & 3 \\ 0 & 1 & 1 \end{bmatrix}$$

2. Let A and B be $n \times n$ matrices. Prove that A is nonsingular if and only if B is nonsingular.