

Math 4133 - Linear Algebra

Quiz #3 - 2014.01.23

Name: _____

Consider the following matrices:

$$A = \begin{bmatrix} 1 & 2 \\ 8 & 0 \\ -4 & 1 \end{bmatrix}, \quad B = [1 \quad 0 \quad -1], \quad C = \begin{bmatrix} 2 \\ 1 \\ -1 \end{bmatrix}$$

Perform the following matrix multiplications. If the operation is not performable, state as much.

1. BA

2. AC

3. BC

4. CB