

Quiz 4

Name: _____

Math 568

January 30, 2008

1. (5 points). Suppose

$$A = \begin{bmatrix} 1 & 2 \\ 5 & 4 \\ 2 & 3 \end{bmatrix}, \quad B = \begin{bmatrix} 1 & -1 \\ 0 & 2 \end{bmatrix}.$$

Calculate the products AB and BA or else if one (or both) is not defined, say so.

$$AB =$$

$$BA =$$