

Name _____

Mathematics 205: Linear Algebra
Fall Semester 2004
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Quiz #10
September 30

Suppose $A = \begin{bmatrix} 2 & 0 & 1 \\ 1 & 0 & 3 \end{bmatrix}$ and $B = A^T = \begin{bmatrix} 2 & 1 \\ 0 & 0 \\ 1 & 3 \end{bmatrix}$

A. Calculate AB .

B. Calculate BA .