

Name _____

Mathematics 205: Linear Algebra
Fall Semester 2004
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Quiz #20
October 18

If $A = \begin{bmatrix} 7 & 1 & 4 \\ 0 & 2 & 5 \\ -7 & -1 & 8 \end{bmatrix}$, without using the cofactor expansion formula, calculate $\det A^T$.

Show your work!