Name_____

Mathematics 205: Linear Algebra
Fall Semester 2004
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Quiz #23
November 3, 2004

Matrix A is row equivalent to matrix B, where

$$A = \begin{bmatrix} 0 & 3 & -6 & 6 & 4 & -5 \\ 3 & -7 & 8 & -5 & 8 & 9 \\ 3 & -9 & 12 & -9 & 6 & 15 \end{bmatrix} \text{ and } B = \begin{bmatrix} 1 & 0 & -2 & 3 & 0 & -24 \\ 0 & 1 & -2 & 2 & 0 & -7 \\ 0 & 0 & 0 & 0 & 1 & 4 \end{bmatrix}$$

A. Find a basis for Col A

B. Find a basis for Nul A