

Attendance Quiz for Lecture 8

NAME: (print!) _____ **Section:** _____

E-MAIL ADDRESS: (print!) _____

If

$$A^{-1} = \begin{bmatrix} -2 & 4 \\ 5 & 7 \end{bmatrix} \quad , \quad B^{-1} = \begin{bmatrix} 1 & -1 \\ 2 & 3 \end{bmatrix} \quad ,$$

Compute the following expressions

1. $(AB)^{-1}$

2. $(BA)^{-1}$

3. $(A^T)^{-1}$

4. $(AB^T)^{-1}$