Online Homework System

Name: _____

Class: MATH1106 - Technical Mathematics, Calculus I and Statistics (A01.1242)

Class #: _____

Section #: _____

Instructor: Mohamed Haymour

Assignment: Quiz 4 Multiplication of Matrices

Question 1: (1 point)

Perform the indicated multiplication:

$$\begin{bmatrix} -9 & -6 \\ -7 & 1 \\ 1 & 2 \\ 1 & 9 \end{bmatrix} \begin{bmatrix} 0 & 0 \\ -4 & -7 \end{bmatrix} =$$

_____	_____
_____	_____
_____	_____
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Question 2: (1 point)

Perform the indicated multiplication:

$$\begin{bmatrix} -3 & 7 & -11 \\ 7 & 11 & 11 \\ 0 & 8 & -3 \end{bmatrix} \begin{bmatrix} 0 & 6 \\ -3 & 2 \\ 7 & 3 \end{bmatrix} =$$

_____	_____
_____	_____
_____	_____

Question 3: (1 point)

Perform the indicated multiplication:

$$\begin{bmatrix} -9 & -10 \\ 10 & 7 \\ 7 & -11 \end{bmatrix} \begin{bmatrix} -10 & -2 & -10 \\ -10 & 10 & 9 \end{bmatrix} =$$

Question 4: (1 point)

Perform the indicated multiplication:

$$\begin{bmatrix} 4 & -8 & 9 \\ -9 & -10 & 9 \\ -11 & -1 & -1 \end{bmatrix} \begin{bmatrix} 11 \\ 4 \\ 4 \end{bmatrix} =$$