Name _____   Date _____

Complete the following problems:

1) Find the matrix product of C_x.

Matrix c =

$$\begin{bmatrix} 1 & 4 & -2 \\ 2 & -5 & 7 \\ 6 & 8 & 1 \end{bmatrix}$$

Vector x =

$$\begin{bmatrix} 4 \\ -7 \\ -3 \end{bmatrix}$$

2) Find the product of the vector and the matrix.

$$\begin{bmatrix} 3 & 4 & 7 \\ 2 & 9 & 2 \\ 8 & -2 & -5 \end{bmatrix} \quad X \quad \begin{bmatrix} -3 \\ 5 \\ 6 \end{bmatrix}$$