Name:
Section (time):

Math 340 Quiz 2a

Consider the matrices

$$B_1 = \begin{bmatrix} 2 & 3 \\ 4 & -2 \end{bmatrix} \text{ and } B_2 = \begin{bmatrix} 4 & 6 \\ 8 & -4 \end{bmatrix}.$$

1.) Find $B_1 B_2$.

2.) Write the below system in the form $Ax = b$ and solve **using matrix multiplication.**

$$2x + 3y = 8$$
$$4x - 2y = 16$$