Instructions: Show all work. Use exact answers unless otherwise asked to round.

1. Consider the expression $3\begin{bmatrix} 2 \\ 4 \end{bmatrix} - 2\begin{bmatrix} -1 \\ 5 \end{bmatrix}$.

    a. Sketch a graphical representation of this expression using vectors.

    b. Describe in words what the scalars 3 and -2 represent in the sketch.