EXAMPLE: Let $\mathbf{v}_{1}=\left[\begin{array}{l}2 \\ 1\end{array}\right]$ and $\mathbf{v}_{2}=\left[\begin{array}{r}-2 \\ 2\end{array}\right]$. Express each of the following as a linear combination of $\mathbf{v}_{1}$ and $\mathbf{v}_{2}$ :


