Name: $\qquad$ R. Hammack

Score: $\qquad$

Directions: Please answer in the space provided. No calculators. Please put all phones, etc., away.

1. Consider the basis $B=\{(1,2),(3,4)\}$ of $\mathbb{R}^{2}$. Find the coordinate vector $[\mathbf{x}]_{B}$ for $\mathbf{x}=(5,6)$.
