Q1. Use Cramer’s rule to solve the system $2x + 3y = 3$ and $x - 5y = 2$.

Q2. Check if vectors $u = (3, 4)$ and $v = (5, -1)$ are linearly independent or not (do not use determinant method).
Q3. Express vectors $\mathbf{u} = (3,4)$ and $\mathbf{v} = (5,-1)$ as a linear combination of vector $\mathbf{w} = (1,-2)$. Also, verify your answer.