$u = \text{Vector}((0,0,0),(3,-1,2))$

$$\rightarrow \begin{pmatrix} 3 \\ -1 \\ 2 \end{pmatrix}$$

$v = \text{Vector}((0,0,0),(4,0,-3))$

$$\rightarrow \begin{pmatrix} 4 \\ 0 \\ -3 \end{pmatrix}$$

$\alpha = \text{Angle}(v, u)$

$\rightarrow 71.29°$

$w = \text{Vector}\left((0,0,0),\left(\frac{3}{4},\frac{17}{4},1\right)\right)$

$$\rightarrow \begin{pmatrix} 0.75 \\ 4.25 \\ 1 \end{pmatrix}$$

Input...