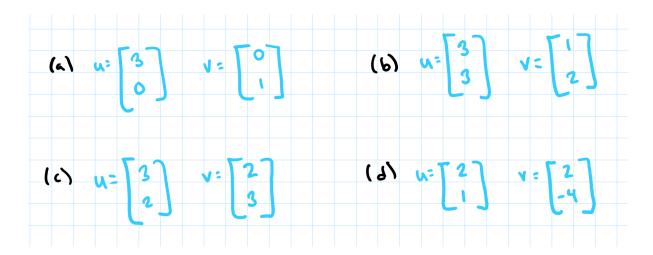
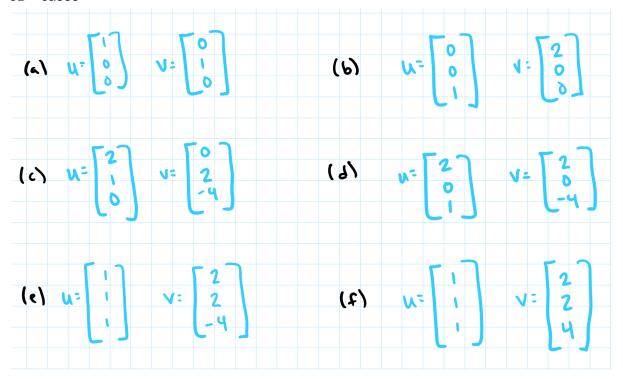
Which vectors are perpendicular to one another??

2D - cases



3D - cases



Now for the case of 4D and 5D vectors.

(a) N= 0 V= 0 0	(b) a= [1]
(c) $u = \begin{bmatrix} 1 \\ 2 \\ 1 \\ 1 \end{bmatrix}$ $v = \begin{bmatrix} 3 \\ 1 \\ 1 \\ 1 \end{bmatrix}$	$ \begin{array}{c c} (3) & u^{\pm} & 1 \\ \hline 0 & 0 \\ \hline \end{array} $
(e) u= 1 v= 2 0 -3 0	$(x) u = \begin{bmatrix} 2 \\ 3 \\ 0 \\ -2 \end{bmatrix} v = \begin{bmatrix} 5 \\ 1 \\ 2 \\ -1 \\ 6 \end{bmatrix}$