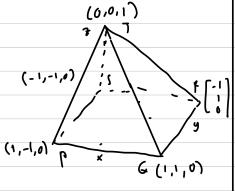
## Sual 1

Kemungtinan thik puncaknya adalah thik (0,0,1)

9ch-ryya



$$\begin{array}{c|c} \bullet, & |\hat{PT}| = |\hat{I}| \\ \hline \bullet, & |\hat{ST}| = |\hat{I}| \\ \hline \bullet, & |\hat{ST}| = |\hat{I}| \\ \hline \bullet, & |\hat{ST}| = |\hat{I}| \\ \hline \bullet, & |\hat{I}| = |\hat{I}| \\ \hline \bullet, & |\hat{$$

Schap subi dani paramida meniliki panjang 13

$$U = \begin{bmatrix} 5 \\ 5 \end{bmatrix} \quad V = \begin{bmatrix} 5 \\ -5 \end{bmatrix} \quad W = \begin{bmatrix} -5 \\ -6 \end{bmatrix}$$

1) a. Pangang 
$$u = ||u|| = \sqrt{2^2 + 2^4} = 2\sqrt{2}$$
  
b. Panjang V-w =  $||V-w|| = ||[2+2]||$   
=  $||[4]|| = \sqrt{16+16} = \sqrt{32}$   
=  $||[4]|| = \sqrt{16+16} = \sqrt{32}$ 

2) Hitmy dan Gambar R2 operan vekter benket

a) 
$$U + V = \begin{bmatrix} 2+2 \\ 2-1 \end{bmatrix} = \begin{bmatrix} 4 \\ 0 \end{bmatrix}$$

$$\frac{1}{4} \qquad \frac{1}{4} \qquad \frac{1}{$$

b)  $V-W = \begin{bmatrix} 2 + 2 \\ -2 + 6 \end{bmatrix} = \begin{bmatrix} 4 \\ 4 \end{bmatrix}$   $\begin{bmatrix} 4 \\ 4 \end{bmatrix}$