13. For linear dependence, at least one of the vectors must be a linear combination of the others.
=> for say set {v, , v2 , v3 3,
V, = (1 V2 + C2 V3.
of (, V, + C2 V2 + C3 V3 = 0. in general,
Thus in the given question, for vectors to be dependent,
[V, V2 V3 10] mosa have
a non trivial solution.
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
=)/h=/14.
$1 \times \frac{1}{1} \times $
Since we have a free variable, h can take any value.
$\begin{cases} \text{unless } 2h-27=h-15=0 \text{ which is not possible} \end{cases}$