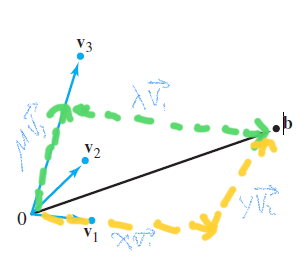
***Solution 1.***

*****Solution 2.***

***Solution 3.***

***Solution 4.***

***Solution 5.***

***Solution 6.***

Find the value(s) of *h* for which the vectors are linearly dependent. Justify the answer.

***Solution 7.***

***Question 8.***

***Solution 8***

**Question 9.**

1. Two vectors are linearly dependent if and only if they lie on a line through the origin.
2. If a set contains fewer vectors than there are entries in the vectors, then the set is linearly independent.

**Solution 9**

***Question 10.***

***Solution 10.***

***Question 11.***

***Solution 11.***