

Name:
J#:
Date: <b>2017 June 02</b>

Exercise Type:

**Quiz**

Standard: This student is able to... <b>S01: 3DSpace.</b> Plot and analyze points and vectors in three-dimensional Euclidean space.  2/3	Mark:  <hr style="border-top: 1px dashed black;"/>
★ reattempt due on:	

Sketch the vector  $\mathbf{v} = \langle 0, 2, -3 \rangle$  in  $xyz$  space. Then compute  $3\mathbf{v}$ , and sketch it in  $xyz$  space as well.

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Standard: This student is able to...	Mark:
<b>S02: DotProd.</b> Compute and apply the dot product of two vectors.	
1/3	★ reattempt due on:

Find  $\cos \theta$ , where  $\theta$  is the angle between the vectors  $\langle 5, 0, -12 \rangle$  and  $\langle 3, -4, 0 \rangle$ .