Quiz tutorial 2

**Name:**

**Problem 1**

Given the vectors $\vec{u}=\left(1,2,3\right)$ and $\vec{v}=i-3j-4k$

Compute $\left|\vec{u}-2\vec{v}\right|$ exactly.

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**Problem 2**

Given the points $A(2,1,1)$, $B(1,0,1)$ and $C(1,2,2)$. Compute the angle between vectors $\vec{AB}$ and $\vec{CB} $in radians rounded to 1 decimal.

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