

QUIZ 2

Name _____

1. Use vectors to determine whether the four points $(1, -2, 1)$, $(-2, -1, 2)$, $(2, 0, 2)$, and $(-1, 13)$, form a square.

2. Are the vectors $\vec{v} = \langle 1, -2, 1 \rangle$ and $\vec{w} = \langle 0, 1, -2 \rangle$ parallel? orthogonal?

3. Find a vector orthogonal to both $\vec{v} = \langle 2, -1, 0 \rangle$ and $\vec{w} = \langle 1, 0, 3 \rangle$