

Panel 1

Quiz #2

Name: _____

① Find the dot product $\langle 3, -2, 1 \rangle \cdot \langle 1, 2, 2 \rangle$

② Which vector is perpendicular to $\langle 3, -2, 1 \rangle$:

a) $\langle 1, 1, 1 \rangle$

s) $\langle 2, 4, 2 \rangle$

Panel 2

③ Find the projection of $\langle 3, -1, -2 \rangle$ onto $\langle 3, 3, 1 \rangle$

④ Find the cross product $\langle 3, -2, 1 \rangle \times \langle 1, 2, 2 \rangle$