Math 225: Calculus III Name:_____

Quiz 1 *September 4, 2003* Section:_____

1. Find a value for $z > 0$ so that the vector $\langle 1, 1, z \rangle$ forms a 60° angle with the x-axis.

2. Find a vector orthogonal to both $\langle 1, 2, 1 \rangle$ and $\langle 1, -1, 2 \rangle$.