

Math 225: Calculus III

Quiz 1 *Jan. 24/26, 1995*

Name: _____

Section: _____

1. Find the interior angles, θ , ϕ , of the parallelogram with vertices $(0, 0)$, $(2, 1)$, $(3, 4)$, and $(5, 5)$.

2. Find a vector that is perpendicular to both of the vectors $\mathbf{i} + \mathbf{j} + 3\mathbf{k}$ and $2\mathbf{i} + \mathbf{j} + \mathbf{k}$.