

**Math 225: Calculus III**

**Quiz 1** *Jan. 23/25, 1996*

Name: \_\_\_\_\_

Section: \_\_\_\_\_

1. Find a unit vector that points from  $(1, -2, 3)$  to  $(-2, 3, 1)$ .

2. Find the angle between the vectors  $-2\mathbf{i} + 2\mathbf{j}$  and  $\mathbf{i} - \mathbf{j}$ .