MAC 2313 Quiz 1

NAME:	
Thursday, 9/1	12/2010

Problem 1. Find the angle between the given vectors **a** and **b**, where $\mathbf{a} = \langle 4, 4, -2 \rangle$ and $\mathbf{b} = \langle 4, -1, 2 \rangle$. Leave your answer in the form of $\theta = \cos^{-1} x$. (5 pts)

Problem 2. Find an equation for the sphere where one of its diameters has endpoints at (2,1,4) and (4,3,10). (5 pts)

