Quiz 2 28 May 2024

Answer the questions in the spaces provided. Show all of your work and circle the answer you would like to have graded for each question.

Name:		

1. Identify the traces parallel to the yz-plane for the quadric surface $z=x^2-y^2$.

2. Find an equation of the plane that passes through the point (1, 2, 3) and is perpendicular to the line of intersection of the planes x + y - z + 3 = 0 and 3x - y + 2z = 0.