

Mathematics 241 – Multivariable Calculus
Quiz 2 – September 13, 2013

Your Name: _____

A) (10) Find parametric equations for the line through the point $(2, 2, 1)$ in the direction of $(1, 0, -2)$.

B) (10) Find the equation of the plane in \mathbf{R}^3 containing $p = (1, 1, 0)$ and orthogonal to the line $\{(1, 1, 0) + t(3, 4, -1) \mid t \in \mathbf{R}\}$.