

MATH 251: Practice 4

June 1, 2015

Name: _____

1. Write the equation of the plane through the points $(0, 0, 0)$, $(1, 0, 0)$ and $(1, 1, 0)$.

2. Parametrize the intersection of the paraboloid $z = x^2 + y^2$ with the plane $x + y = 1$.