

MAC 2313 Quiz 2

NAME: _____

Thursday, 9/19/2019

Problem 1. Consider the points $P(0, -3, 0)$, $Q(5, 1, -3)$, $R(5, 3, 1)$. Find the area of the triangle PQR .

Problem 2. The plane that passes through the point $(0, -2, 5)$ and $(-1, 3, 1)$ and is perpendicular to the plane $2z = 5x + 4y$.

Problem 3. The plane that passes through the point $(1, 5, 1)$ and is perpendicular to the planes $2x + y - 2z = 2$ and $x + 3z = 4$.