

MATH 241 Spring, 2010 Quiz #3 Name: _____

For full credit you must show sufficient work that the method of obtaining your answer is clear.

1. Give equations for a line L through the point $P(-3, 0, 5)$ that is **parallel** to the plane $S: 4x - 3y + 2z = 1$.

2. With P and S as above, compute the distance from P to S .