

MTH 111, Math. for the Architects, Quiz four Spring 2014

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QUESTION 1. Is $L_1 : x = 4 + 4t, y = 3 + 2t, z = 6 + 6t$ parallel to $L_2 : x = 6 + 2s, y = 4 + s, z = 10 + 3s$? show the work

QUESTION 2. a) Find an equation of the plane P where $N = -4i + 2j - 5k$ is a normal vector of P , and the point $(4, 1, 1)$ lies in the plane.

b) Can we draw the vector $7i + 4j - 4k$ in the plane P ? Explain...

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