Math 201-07

Quiz #2

Exercise 1 Find the point at which the line

x = 2 , y = 3 + 2t , z = -2 - 2t

meets the plane

$$6x + 3y - 4z = -12$$

Exercise 2 Find parametrization for the line along which the planes

$$x + 2y + z = 1$$
 , $x + y = 1$

meet.

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Exercise 3 Find the distance from the point P(-1, 1, 1) to the plane

2x+y+3z=1