No calculators, cell phones, computers, notes, etc.

Circle your answer. Make your work correct, complete and coherent.

The quiz is worth 5 points. The solutions will be posted on my website later today.

Quiz 2, September 7, 2017, 1:15 class

Find the equation of the plane that passes through the point $P_0 = (2,4,5)$ and is perpendicular to the line

$$x = 5+t, \quad y = 1+3t, \quad z = 4t.$$

ANSWER: The plane through $P_0 = (2,4,5)$ and perpendicular to $N = i+3j+4k$ is

$$\boxed{1(x-2)+3(y-4)+4(z-5)=0}.$$