"QUIZ" for Lecture 3

E-MAILSCANNED .pdf OF COMPLETED QUIZ to DrZcalc3@gmail.com (Attachment: q3FirstLast.pdf) ASAP BUT NO LATER THAN Sept. 15, 8:00pm

NAME:

 $\mathbf{r}(t) = \langle 1, 1, 0 \rangle + t \langle 0, 2, 4 \rangle$

and the plane

 $x + y + z = 14 \quad .$

Because he equation of he line 13/a parametric equation, we can represent its x, y, and 2 values as equations in leans. It is the second of the sequence of the plane of the form what we can plus them to the equations of the plane to see for what value of the equations mention (1) + (1+2+) + (0+4+) = 14 > 2 + 6 + = 14 > 6 + = 12 > += 2 + 10 flus += 2 to find the infusection: x=1, y=5, z=8 > (1,5,8)