"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:

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1. Find an equation of the plane that passes through the points (0,1,1), (1,0,1), (1,1,0).

$$A = \langle 0, 1, 1 \rangle - j + k$$

 $B = \langle 1, 0, 1 \rangle = i + k$
 $C = \langle 1, 1, 0 \rangle = i + f$

2. Find the intersection of the line

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

and the plane