Subject: Session 16 Problems

Year. Month. Date. ( )

1. $x = 1 + 0t$
$y = 3 + (-1)t$
$z = 4t$
} Line

$$\begin{vmatrix} i & j & k \\ 1 & 1 & 0 \\ 0 & 1 & 1 \end{vmatrix} = +1i - j + k$$

$\rightarrow +x - y + z = 0$ } Plane

$+1 - 3 + t + 4t = 5t - 4 = 0 \rightarrow t = \frac{4}{5}$ } Intersect

$(1, 1\frac{3}{5}, \frac{8}{5})$