4. Find a parametric equation of a straight line that passes through the points $(1,1,1)$ and $(12,4,26)$

So $r(t)$ will be in form $a + tb$ where t is the variable

l_{in} is parallel to $[12-1, 4-1, 26-1]$

$= [11, 3, 25]$

So $r(t) = [1 + 11t, 1 + 3t, 1 + 25t]$