lask 2 (2,-5,-1), (0,4,6) and (-3,1,1) For amy three noncollinear points A, B and C where x dentes an arbitrary point in the plane and s, t are arbitrary real numbers. Let A = (2,-5,-1), B = (0,4,6), C = (-3,1,1) 7) u=B-A=(-2,-1,7), v=C-A=(-3,3,-5) X = (2, -5, -1) + 5(-2, -9, 1) + t(-3, 3, -5)S, t & R, x is arbitrary point in plane (1,2,1), (2,4,2) and (-3,-6,-3) $\frac{1}{2} = \frac{1}{1} = \frac{4}{2} = \frac{2}{1} = \frac{2}$ -. Three points are not collinear is not satisfied The plane is not exists. (3) (1,1,1), (2,5,2) and (0,0,6) Let A=(1,1,1), k=(2,5,2), C=(0,0,0) u=B-A=(1,4,1), v=C-A=(1,-1,-1) x = (1,1,1) + S(1,4,1) + t(-1,-1,-1)s, ttk, x i3 arbitrary point in plane