



6. It P(1,2,3) he a point let n= (1,3,4)
a) Find the point-normal equation of the place through P with normal n /1(x-1) + 3(y-2) + 4(2-3)=0 b) Express the equation of the plane in the firm anthyticz tol: O.

Let 19 = (1, 2,3) and 19 = (2,0,4) (a) Find numbers & by so that not + you = (0, -4,2 x(1-2,3)+y(2,0,4)=(0,-4,2 2 2= 2 14=-1 Ro best of F (b) Find 1/3 80 13 linearly independent . 8 sthird vector 7 relative to v, & v, and is in R3. One way of finding this just by Cobservmo Hat 1220 & hearly independent The other is Holces relative to v, do





