- 1. \bullet A = (1, 3, 1)
 - B = (2,1,1)
 - C = (3, 4, 1)
 - $\bullet \ a = \overrightarrow{AB} = (1, -2, 0)$
 - $\bullet \ b = \overrightarrow{AC} = (2, 1, 0)$
 - Ecuación parametrica = $(x, y, z) = \overrightarrow{OP_0} + \alpha \cdot \overrightarrow{u} + \beta \cdot \overrightarrow{v} \Rightarrow \Pi : (x, y, z) = (1, 3, 1) + \alpha \cdot (1, -2, 0) + \beta \cdot (2, 1, 0), \alpha, \beta \in \Re$

QvQ $A, B, C \in \Pi$

- $(1,3,1) = (1,3,1) + 0 \cdot (1,-2,0) + 0 \cdot (2,1,0)$
- $(2,1,1) = (1,3,1) + \alpha \cdot (1,-2,0) + \beta \cdot (2,1,0)$
 - $2 = 1 + \alpha + \beta(2) \stackrel{\star}{\Rightarrow} 2 = 1 + \alpha + (\alpha(2) 2)(2) \Rightarrow 2 = 1 + \alpha + \alpha(4) 4 \Rightarrow 5 = \alpha(5) \Rightarrow \star' : \alpha = 1$
 - $1 = 3 + \alpha(-2) + \beta \Rightarrow \star : \beta = \alpha(2) 2 \stackrel{\star'}{\Rightarrow} \beta = 0$
 - 1 = 1
- $(3,4,1) = (1,3,1) + 0 \cdot (1,-2,0) + 1 \cdot (2,1,0)$
- $2. \qquad \bullet \ \ n = a \times b = \det(\begin{vmatrix} i & j & k \\ 1 & -2 & 0 \\ 2 & 1 & 0 \end{vmatrix}) = 0 \widehat{i} 0 \widehat{j} + 5 \widehat{k} = (0, 0, 5)$
 - $\Pi: (0,0,5) \cdot (x-1,y-3,z-1) = 0$