D3 NG. 1) X-11 = 4+8 = a (12,4) できるナカも 2) li: -4x-8y=11 => li: {x=x0+dxt} lx: \frac{x-3}{11} = \frac{y+8}{-14} => li: {x=3+116} y=-8-14t B G: Th (-4,-8) (I) CNOCOS (20, h) = 11 Q : X-3 = 4+8 => -14x-11y = 88-12  $\begin{cases} 14x + 11y = -46/2 \\ 4x + 8y = -11/(-4) \end{cases} = \begin{cases} x = \frac{15}{34} \\ y = \frac{15}{34} \end{cases}$ 3) A(1,-2) 4: -8×+144=10 => h(-8,14) Dux L' n- many berrop, Yx. L'14 > => L'. x-1 = y+2 => 14x+8y =-21(2) 7x + 44 = -1

N5. L: -13X+24 + (-49-4) Z=-167 L2: (-02-50-97) +144 +282=28 1 0, # 2 P2 (=> 4/1/L2 元= えん (nx= 1 nx (-13=2(-02-50-97) (\*\*\*)  $\begin{cases} n'_{y} = 2 n^{2}_{y} \\ n'_{z} = 2 n^{2}_{z} \end{cases} = 2 = 2 \cdot 14 (*)$ 40+1=- 28; 49=-8,0-2 TO regreger gul (+++): -13= 7(-4+10-37) -13 = 7 (-81) (be pre) P.K. D, =-167 + 4= = -28= D2.2, >0 nu 9=-2 411/2 Orber: 0=-2

4: [2, 140 +4] -6E] = -1048 +220] - 3612 しょ: [で,-デナデナロ本]=107で-137デー対本 可,(14,4,-6) 至一[8,点] 元= (で、元) = 336で+196をデナ3496を = 11年で 大地で 本日本  $\vec{l}_{02} = \frac{[\vec{o}_{1}, \vec{o}_{2}]}{(\vec{o}_{1}, \vec{o}_{3})} = \frac{16937 + 1641^{2} + 1066}{194} = \frac{1593}{194} + \frac{1641}{194} + \frac{533}{87}$  $\int \frac{L_1 = -\frac{12}{4}}{L_2 = \frac{100}{1399}} \int \frac{X = 3}{y = \frac{54}{7}} (9.79)$ 2- 19 (17,48)