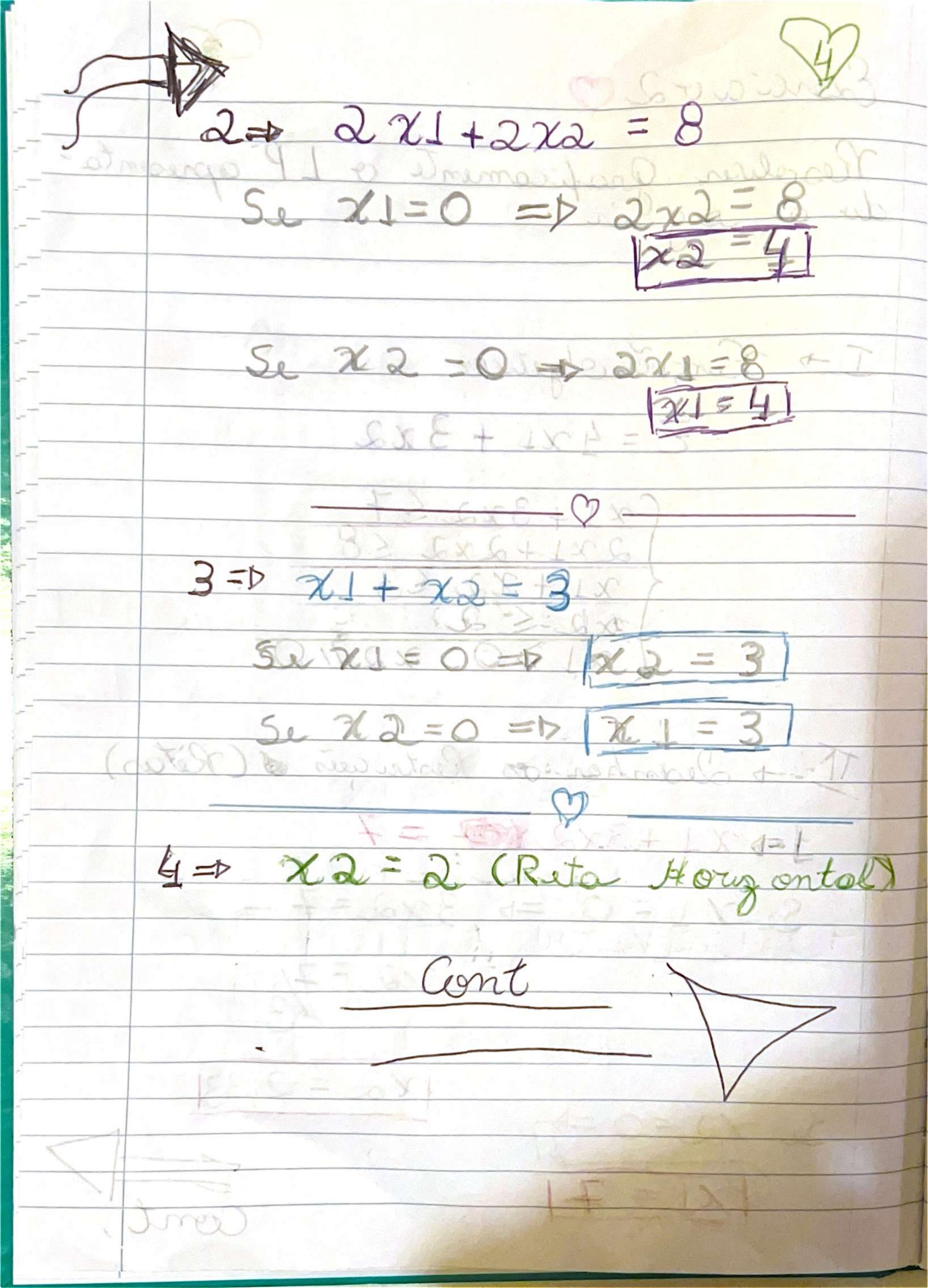
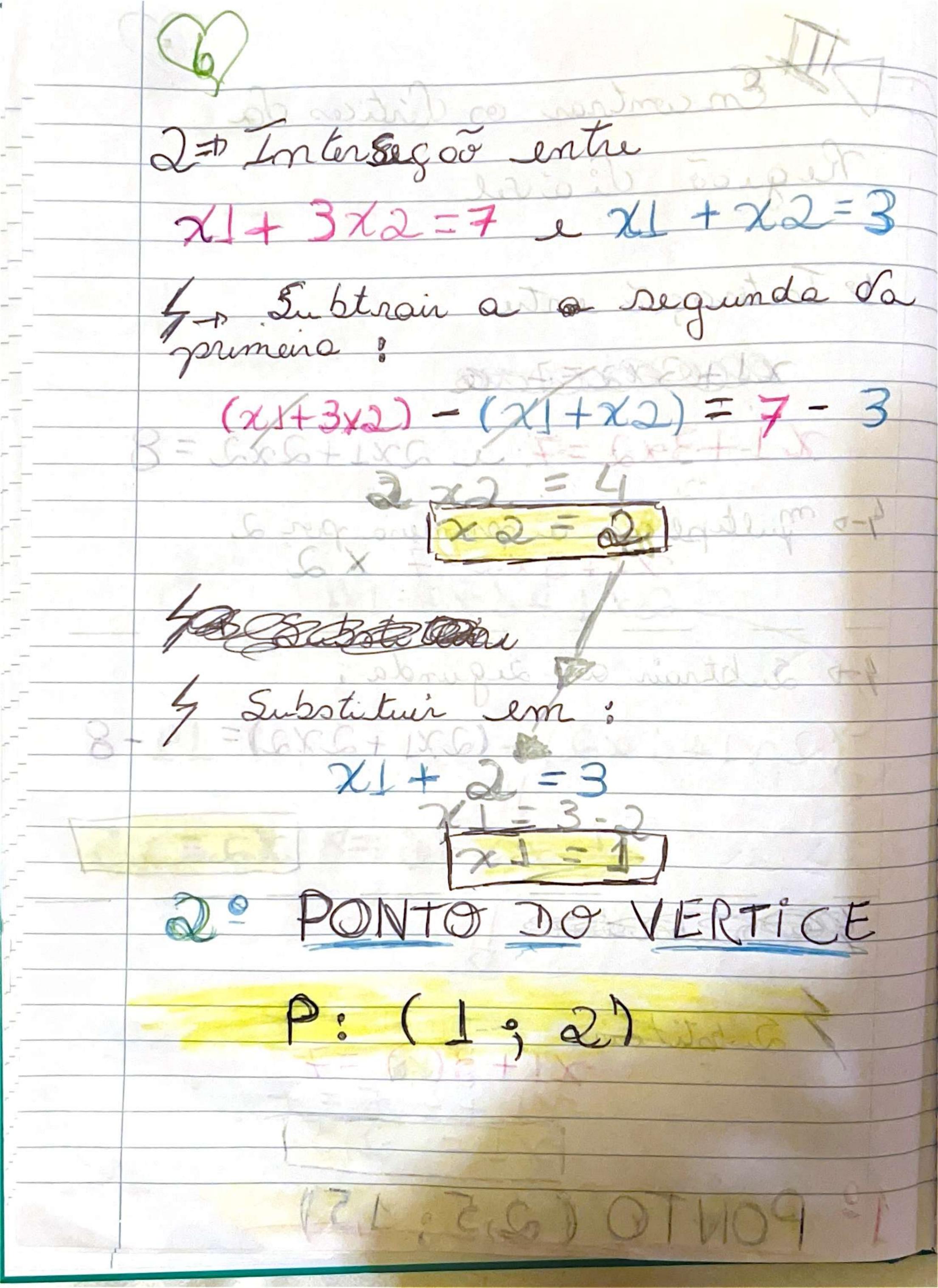
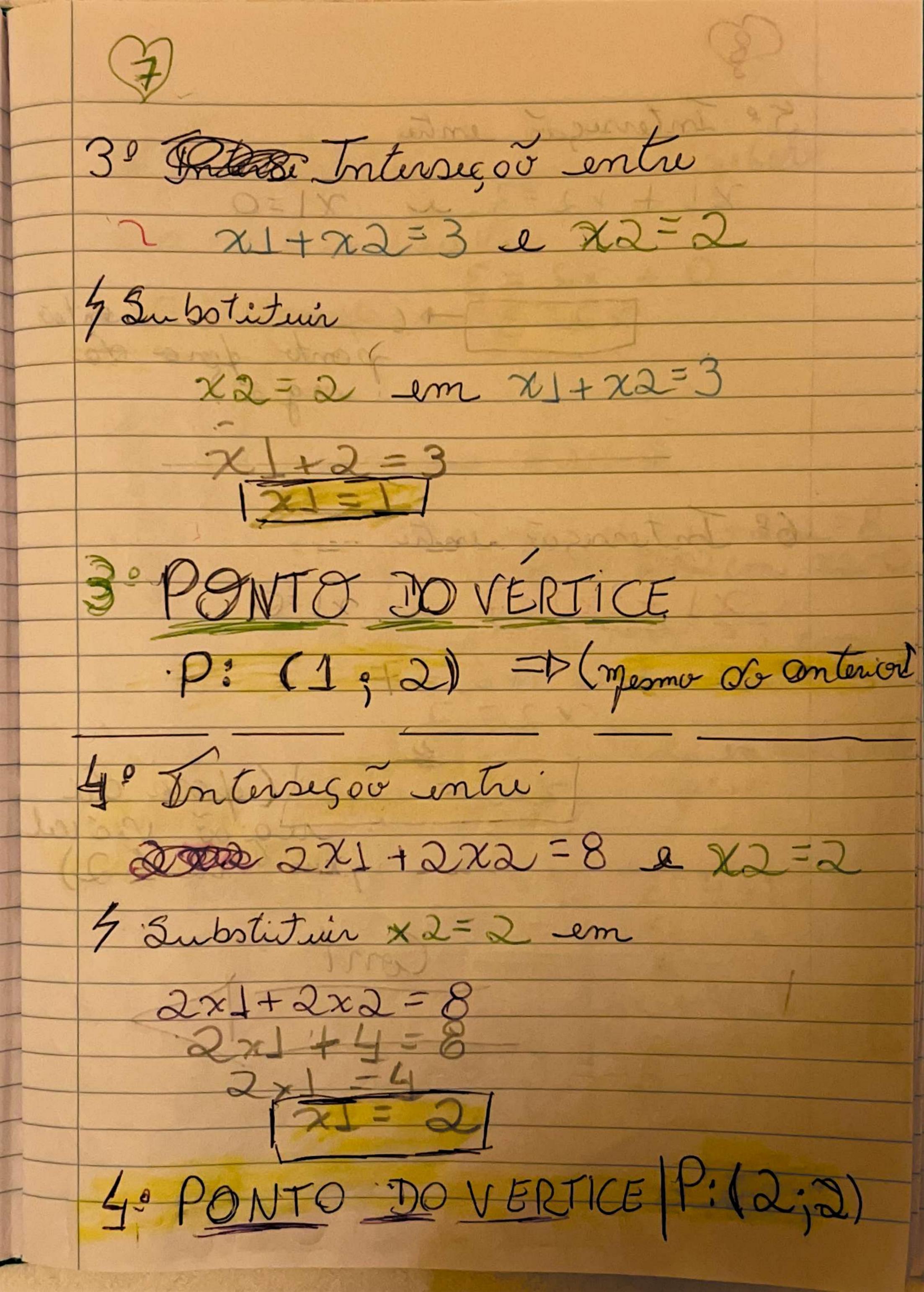
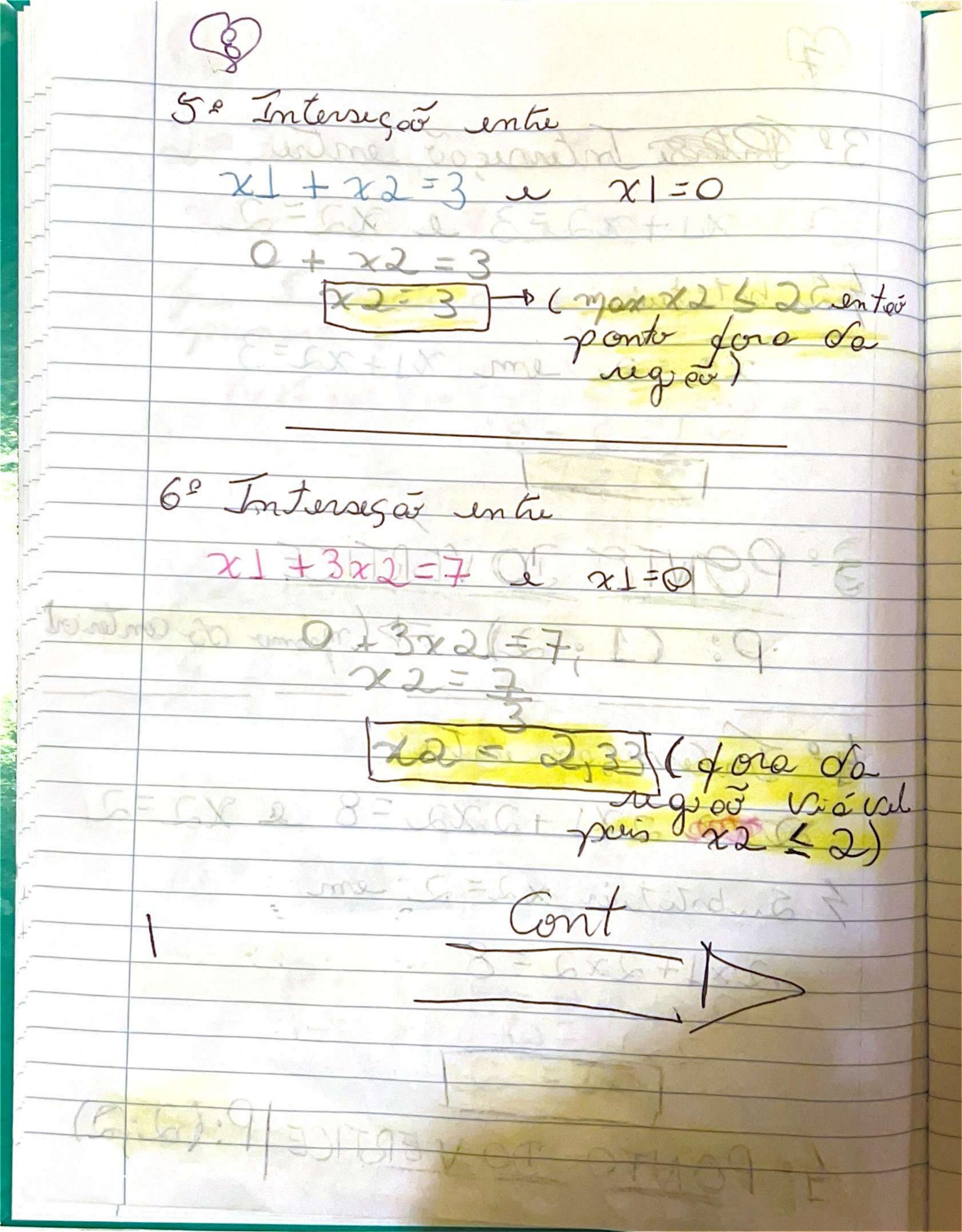
Exercía o 20 Resolver graficamente à LP apresenta-du a seguir I + Fungov Objetico Z = 4x1 + 3x2(x1+3x257 2x1+2x258 x1+x2 <3 = E $x2 \leq 2$ 2120 x2710 T - Desembar as Restricués & (Retas) 1= 1 x 2 = 7 So XI = 0 = p 3x2 = 7 -

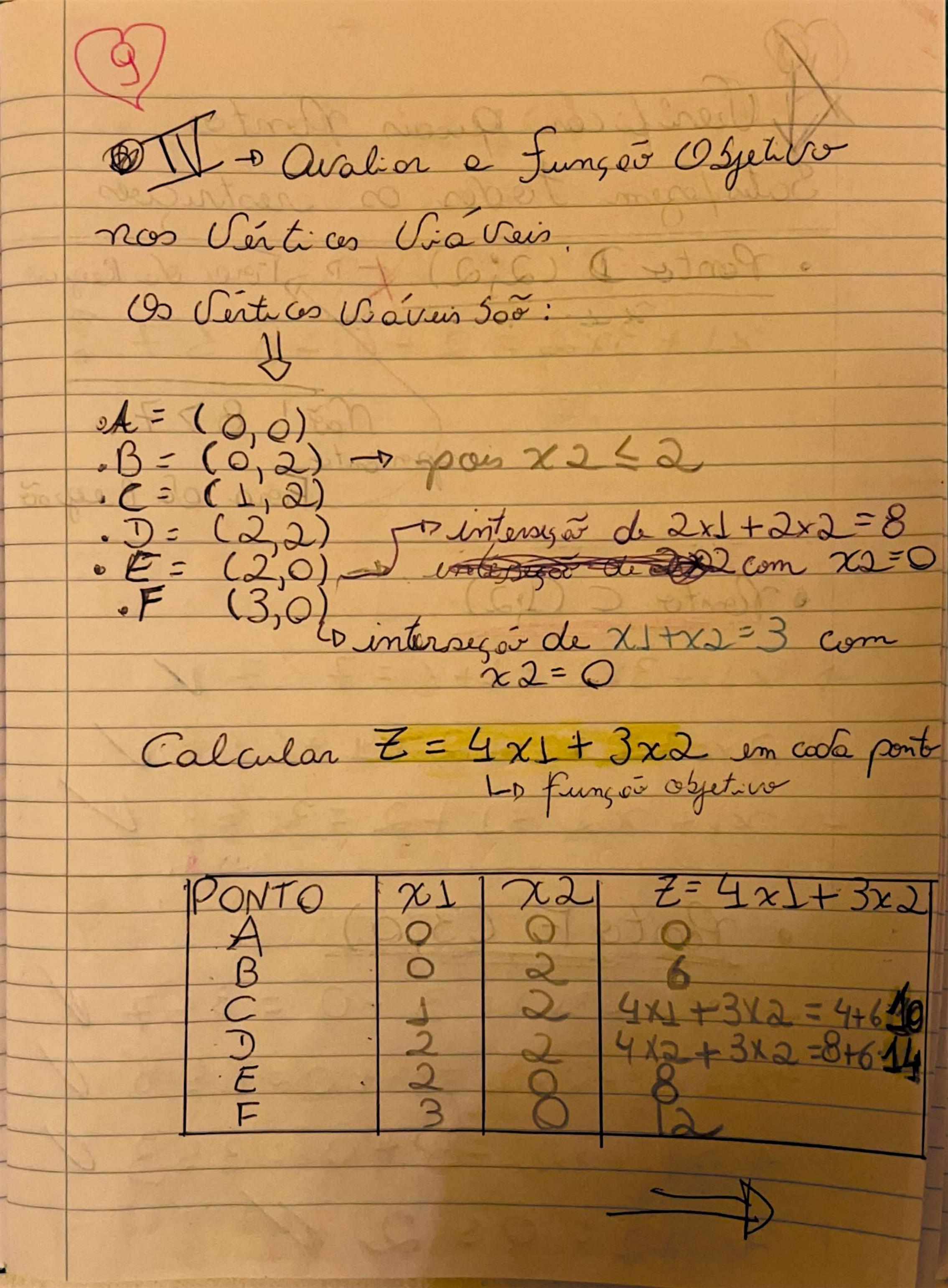


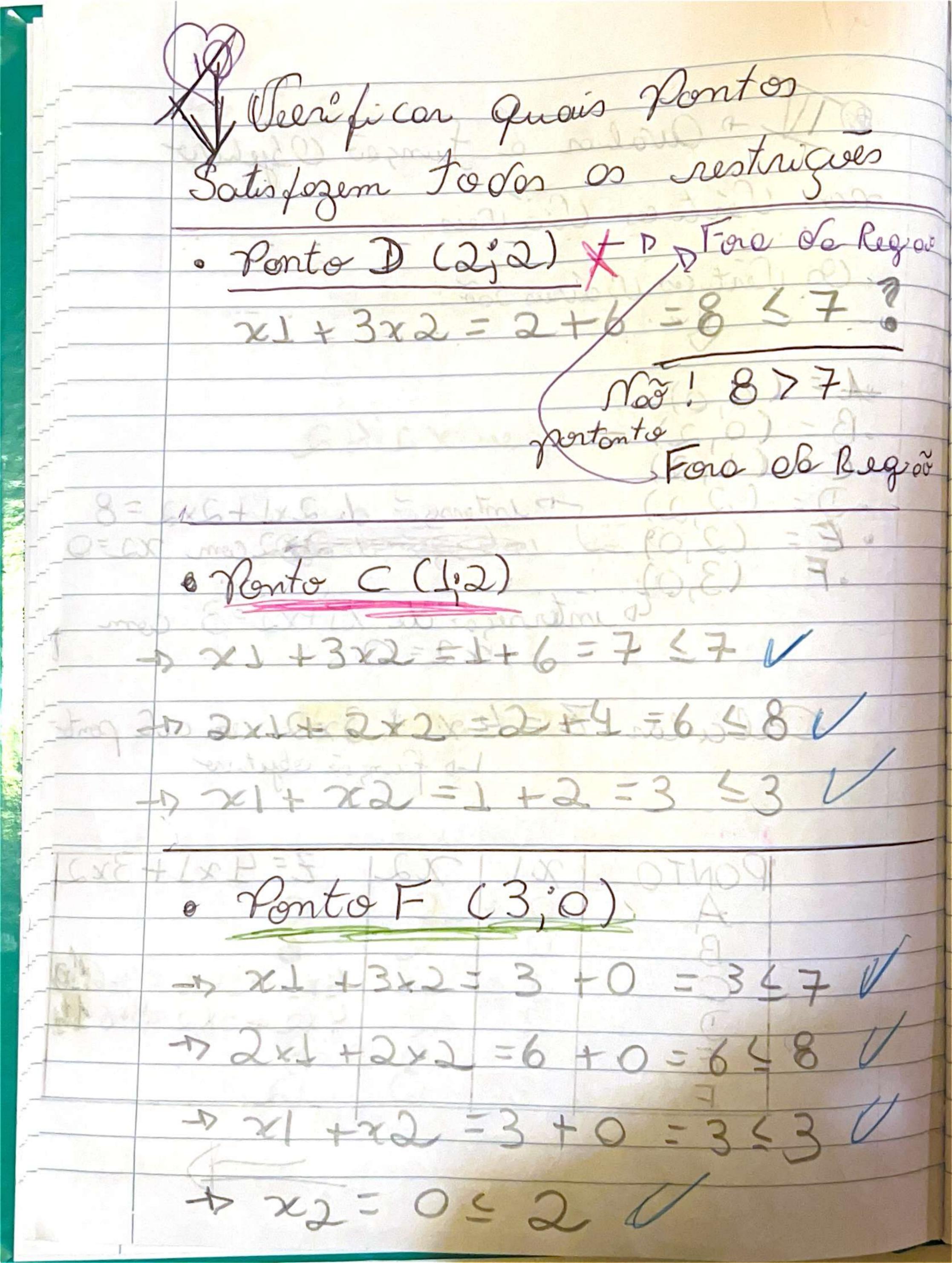
En contrar os Vértices da Region Vi avel 1º Interceção entre X1+3x2=7 221+2x2=8 4-0 multiplicar a primeria por 2 XI + 3 x 2 = 7 X 2 400 Subtrair a Ligunda: (2x1+6x2)-(2x1+2x2)=14-8 14-10=7 Xa=1,5 Substituir ONTO (2,5; 1,5)

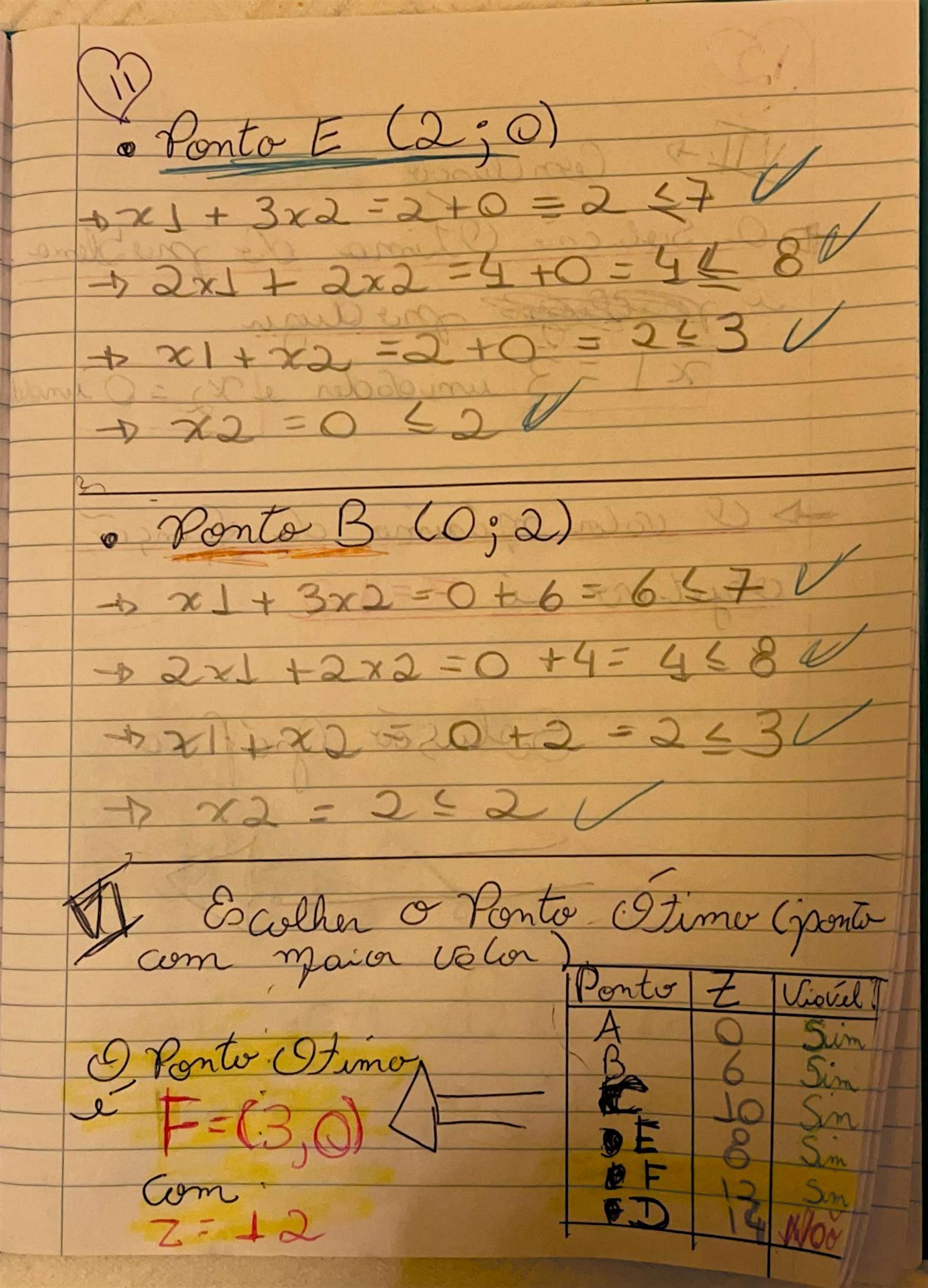












VIII - Con Chisoo Da Salucão Otima do probleme i podesti produsin XI = 3 univosodes et X2 = 0 univ De volor maximo da função Objetivo é Z=12 Soluson gróffico

Salugão gráfica -x1+3x2=7 -2x1+2x2=8 - x1+x2=3 - 262 = 2 Pombo Otemo (3;0)