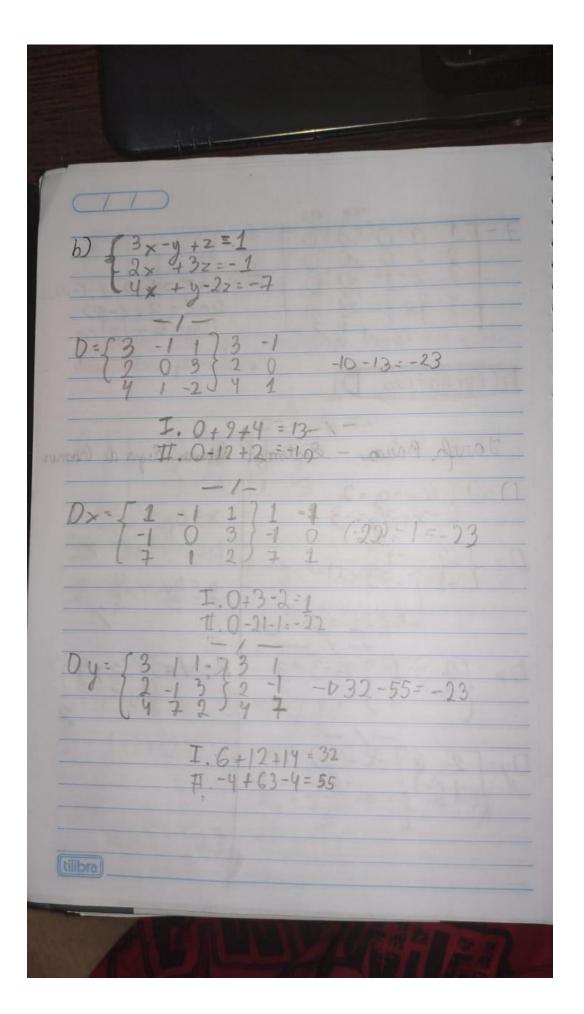
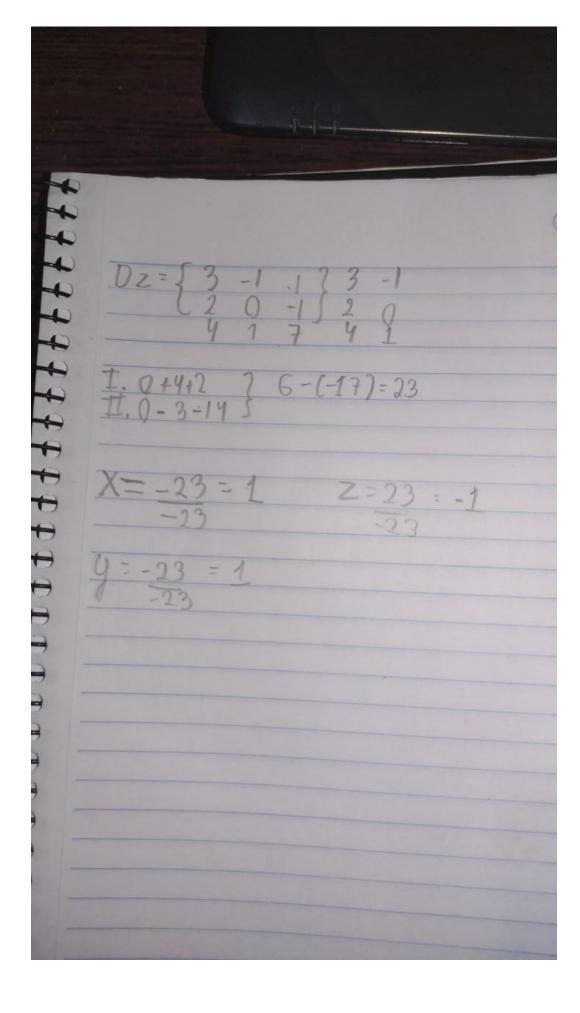
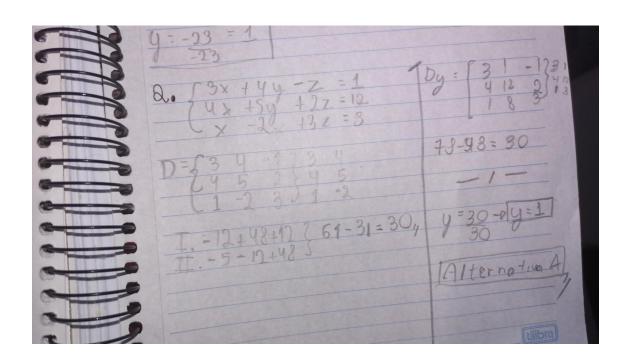
## JULIO BRANDASSE DE ABREU LIMA - SISTEMAS LINEARES REGRA DE CRAMES - CTII 350

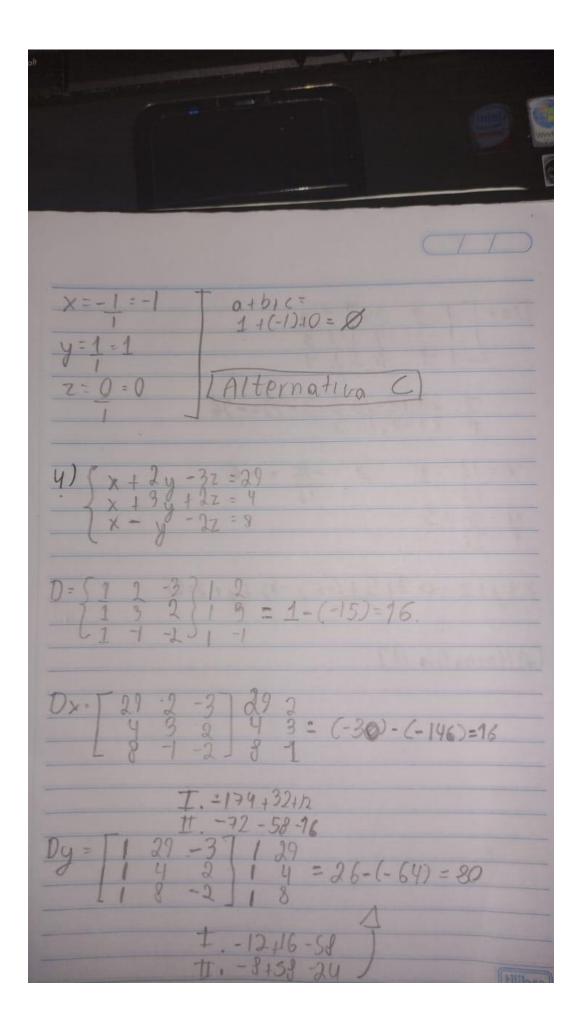
	Jarefa Báxa - Sistemar	Linearer Region de Gromer
	1)a){2x-y=2 -xt3y=-3	x=Dx = 3 5 ,
3×2)	$D = \left\{ \begin{array}{c} 2 & -1 \\ -1 & -3 \end{array} \right\}$	g=Dy: 4 5,
	Dx 12 -1 76-3-3	R: V=5/3.4)?
	[-3 × 3 ] -/-	(5.5)
	Dy = [2 2] -6-(2)	



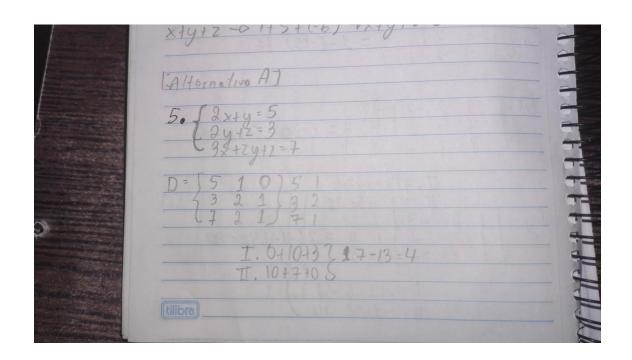


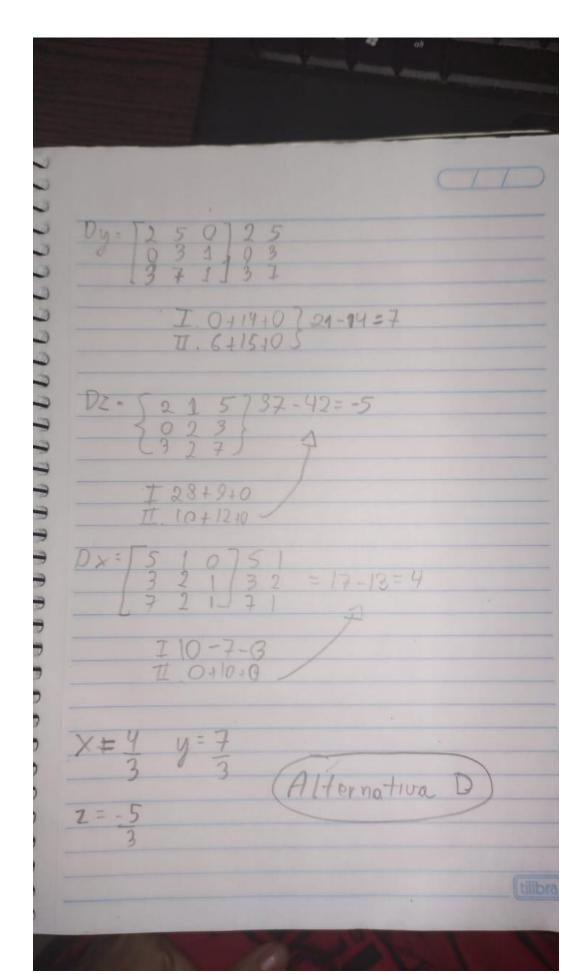


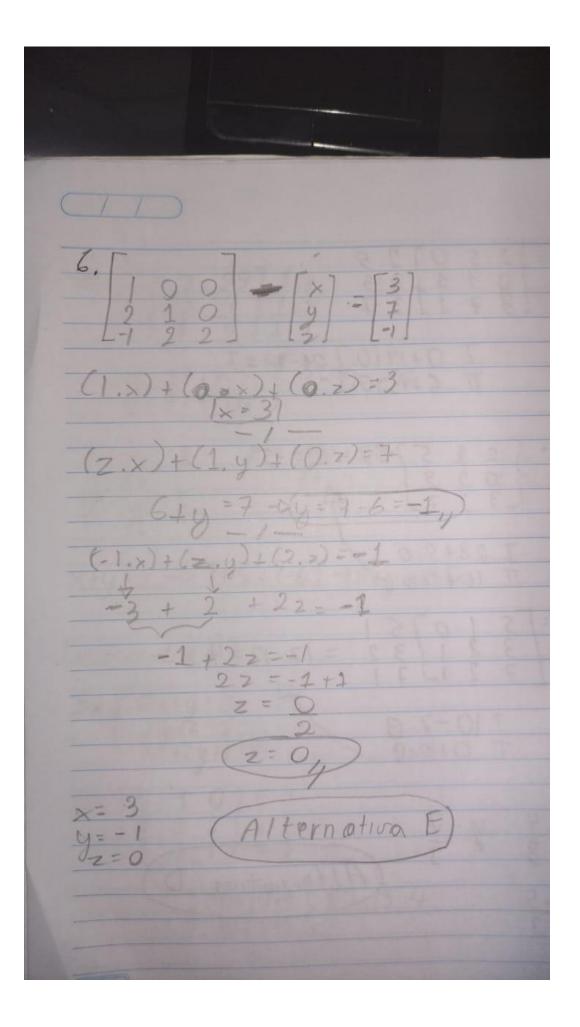
3.  $\begin{cases} x + 2y + z = 1 \\ 3x + x - 112 = 2 \\ 2x + 3y - z = 1 \end{cases}$ T. 2-33+67 (-36)-(-37)=1 3 -2 -14 3 -2 = (-17)-(-13)=1 -2 1 3 -2 = (-17)-(-18)=4 I. -4-11-3 II 2-223 1) 2 = I.1,-8,9.



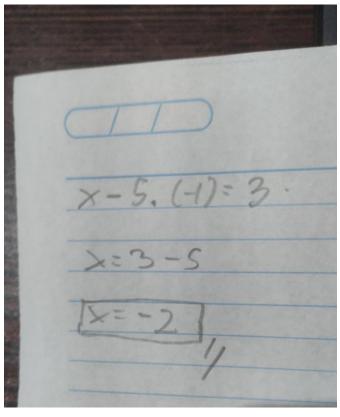
Dz= [1229]12 [134]13 [1-18]1-1 T. 24+8-20 2 3-99=-96 X=16=1 2=-96=-6 Y=90=5 16 16 X+4+2-07+5+(-6)-1×+4+2=0 Altornotive A]







tarefa Bonca I	
1. $\begin{cases} 2 \times -y_1 - 32 = -5 \\ \times +3y_1 - 2 = 11 \\ \times -5z_1 = 3 \end{cases}$	
$ \begin{pmatrix} 2 & -1 & -3 & 1 & -5 \\ 1 & 3 & -1 & 1 & 1 \\ 1 & 0 & -5 & 3 \end{pmatrix} $	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
1 2 -1 -3   -5 0 7/2 1/2   27/2 0 0 -25/7   26/7/	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
7 0 4 1 . (-1)= 27	
- 1 - 27 + 1 - 0 y = 14, 2 = y = 4	ib



2.   x = 2y   2y = 3z
[ x + y + z = 11]
$\begin{bmatrix} x-2y=0\\ 2y=3z=0 \end{bmatrix}$
11-201.0 -1 (11.2-11 Alterno
0 2 -3 0 1 1 tiva B
11-2010)-3
0 2 -3 19/2   2 -2 4
2:-3,2=0
1 - 2 0 10 2 y = 6 x+2y+3z 0 0 2 - 3 0 y = 3, 6+2.3 13.2
X-2.3=0 (G+6+6=18)
tilibra x= 6, )

Alternativa D

4. { x=y+=, z } 2+x+y=68
$\begin{cases} x - y - \frac{2}{5} = 0 \\ (-\frac{2}{5})^{2} + 3y - z = 0 \\ x + y + z = 68 \end{cases}$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
(1 (-1) (-1/9)   Q 0 14/5 4/5 0 0 68/35 68)
68 ×2 = 68 Z = 35,
Z= 68.35 68

R	2y + 6.35=68   x+13+35=68
	2y=68-42 ×=68-43
R	2y=26 ×=20,
E	y=2612 ->13,,
	X -Digs 20,00 Alternative A
	4 -0 R\$ 25,00
-	

