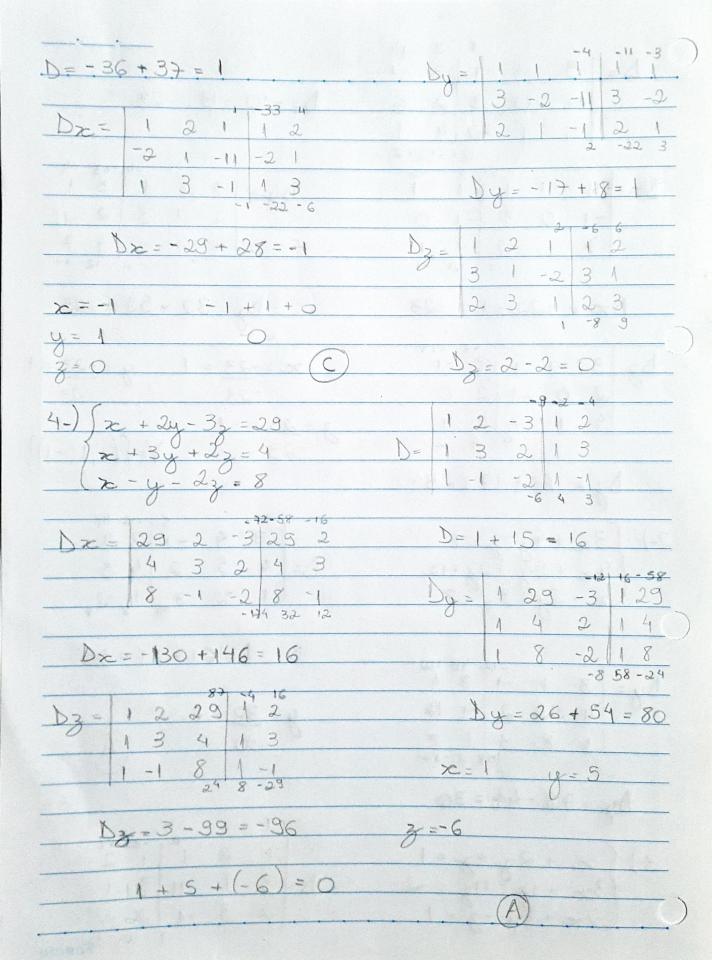
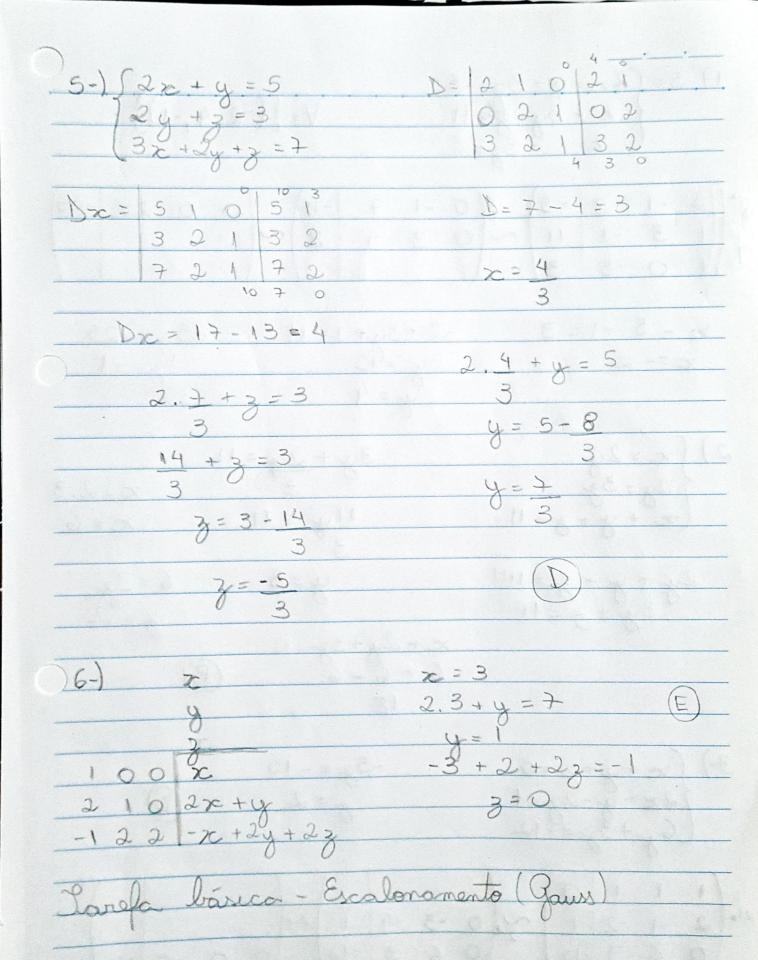
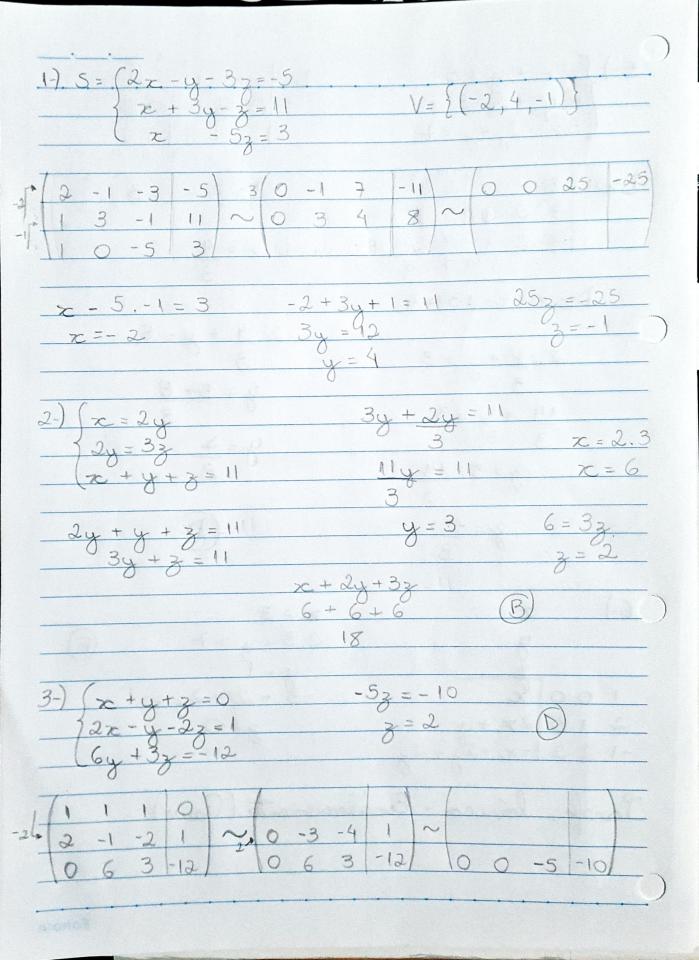
Básica - Rogra do Cramer 2 -1 = 6-3=3

D= 3 -1 1 3 -1	
20320	D=-10-13=-23
20320 41-241 04-12+2 Dz=11-1111-1	
0+-12+2	-11 63 -4
Dz= 11 -1 1 1 -1	Du= 3 1 1 3 1
-103-10	2 -1 3 2 -1
7 1 -2 7 1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Dx = -22-1=-23	Dy = 32 - 55 = -23
0 3 -14	
03 3 -1 1 3 -1	$\frac{1}{23} = \frac{1}{23} = 1$
26-120	-23 -23
b ₃ 3 -1 1 3 -1 2 0 4 1 7 4 1 0 4 2	3 = 23 = -1 -23 $V = \{(1, 1, -1)\}$
Dz = 6 + 17 = 231	
2-) [32+44-2=1	3 4 -1 3 4
14z + 5y +2z=12	D= 4 5 2 4 5
2-) $\begin{cases} 3z + 4y^{-}z = 1 \\ 4z + 5y + 2z = 12 \\ z - 2y + 3z = 8 \end{cases}$	1 -2 3 45 1 -2
1 -12 48 12 1 -1 3 1	D=61-31=30
0 4 12 2 4 12	4 = 30 = 1
108 2 -32	30 (A)
Dy = 78-48=30	
09=10-10-00	
3-) (x + 2y + z = 1	1 2 1 33 26
132 + 12 - 112 = -2	D= 3 1 -11 3 1
	2 3 -1 2 3
	-1 -49 3 East
	· ONON!







$$2x + 18 = 48$$
 $y - 10.20 = -182$ $34z = 680$
 $2x = 30$ $y = 18$ $3 = 20$
 $x = 15$ $R # 53.00$ A

15 + 18 + 20 = 53