3.17

A=
$$\begin{pmatrix} 1 & 3 & 0 & 4 & 1 \\ 1 & 2 & 0 & -3 & 1 \\ -1 & -4 & 3 & 0 & 0 \end{pmatrix}$$

C= $\begin{pmatrix} 2 & 3 & 3 & 1 & 1 \\ -1 & -4 & 3 & 0 & 0 \end{pmatrix}$

No. $2 \times 6 + 4 \times 7 + 2 \times 8 + 4 \times 4 + 2 \times 1 + 2$

										1 0	_	
Forn	romo S	0	Lable	Au:		119	Lex	1	11			
	71	VZ.	× 5	Ky			×>		1			
-5			-3			0	0	0				
The state of the s	1 *			-3		1	0	0	518	EA		
	-1	_4	3	()		0						
18=11				0	0		0		1.8			
	X	12	X 3	24	15	16	KZ	X8		11-1		
-3	0	2	-3	3	-1	1	0		111	5	- 1	
×1= 2	1	3	0	N	1			0	91			
X7= 0	0	-1	0	-7	0	-1	1		51-1			
×8= 3	0	-1	3*	4	1	1_	0	1				
							Pai				val.	-
	1/1	K2	X3	Ky	^	X6	K7	×8	100 0			
	0	1	0	7	0	2	0	0		de de la		
- x1= 2	1	5	0	4	0	1 -1	0	0				
x7= 0	0;	-1/3	1	4/3	1/3	1/3	0	1/3	2			
-×3:11	10	-115		113	(1)	113	0	113	N. C.			

	NETTO DE LA LINE
	X, 12 ly ky xs x6 kg x8
0	000000 100 Agors rodennes
×4= 2	1 0 0 -17 1 -2 3 0 to senove
x2 0	0 1 0 7 0 1 -1 0 ss vacisties
×22 1	0 0 1 11/3 1/3 2/3 -1/3 1/3 sellinis e
	modre o lablem
	do prollems
	12 es x3 ky x5 cuzirol
487	000 183 48-5
x = 2	1 0 0 -17 1*
122 0	01070
×3= 1	001113113
13	
313333	

+3 5 0 0 -82 0
x ₅ ² 2 1 0 0 -17 1
V23 0 0 1 0 7* 0
L3= 113 -113 0 1 2813 0
- 12 1 - 12 3 · O E S - N - 12 3 · O E S - N - 12 3 · O
- Xx Xx Xx Xx XX XX
3 5,8240 0 0
x5= 2 1 1717 0 0 1
xy= 0 0 117 0 1 0
×3= 113 -113 413 1 0 0
Chagamas No custo o'temo = -3, com a solveno o'temo:
(0,0,1/3,0,2)

poders

C Verd é po hubra	lo pelo método obsida do sam	do Tablean da base	se a Késin regsbros ou se, em e * XBII) < XIBINI
		,	e * XB(i) < X (B(ii) vi J(ix) Like um contro-exemplo.
0 -10	YZ X3 K4 -12 -12 0 2 2 1 1 2 0 2 1 0	0 0	Introdurinos xy Ma base.
$\frac{10}{100}$ $\frac{100}{100}$ $\frac{100}{100}$ $\frac{100}{100}$ $\frac{100}{100}$	12 1 × 0 1 -1 0	112 0 112 0 112 0	Note que podemos escolher y priq Saire de bresse

Syponto o publicos ! Passando pero o bornsto poliso men that by => 54,4 X1=x3=2, X1+ly = 4, x1+l2+15=10, XX & Y X1+XZ & 10, 8z- Kg & 10, x 7 + ky + k, = 10, 27,70 en, h, kz, ky, ki, lb=0 Jemos X = (2,0,0,2,8, A2) Solvier Mining brights o house! Note que ands uns posser 2 = N-m verifiers Notes, portants ce testam de solviers hoques Não deg enerados, que Delinem As bross: le By= distentes! Poetando é possibil que haja mus die

+ 15

3.19
@ 8=-2, n=-1, 2=-4, B=0, x=3
(b) $S = -3$, $\eta = 2$, $\chi = -5$, $\gamma = -10$, $\beta = 0$
(c) $8=3$, $\alpha=4$, $\gamma=-2$, $\beta=5$, $\gamma=2$