Tarefa básica - Regra de Cramer

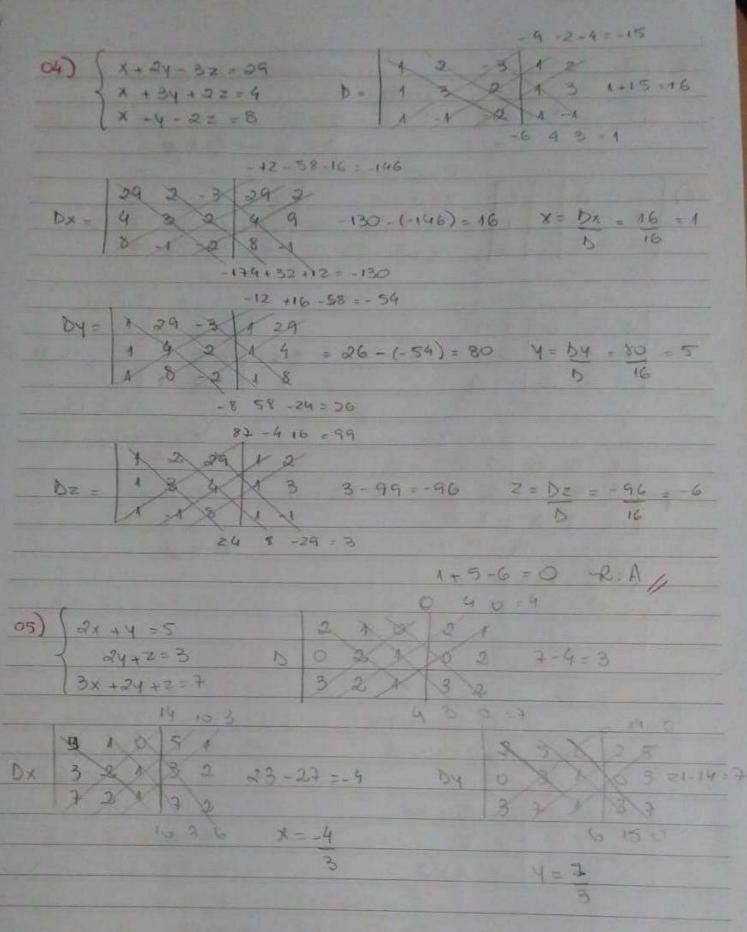
(a)
$$\begin{cases} 2x - y = 2 \\ -x + 3y = -3 \end{cases}$$

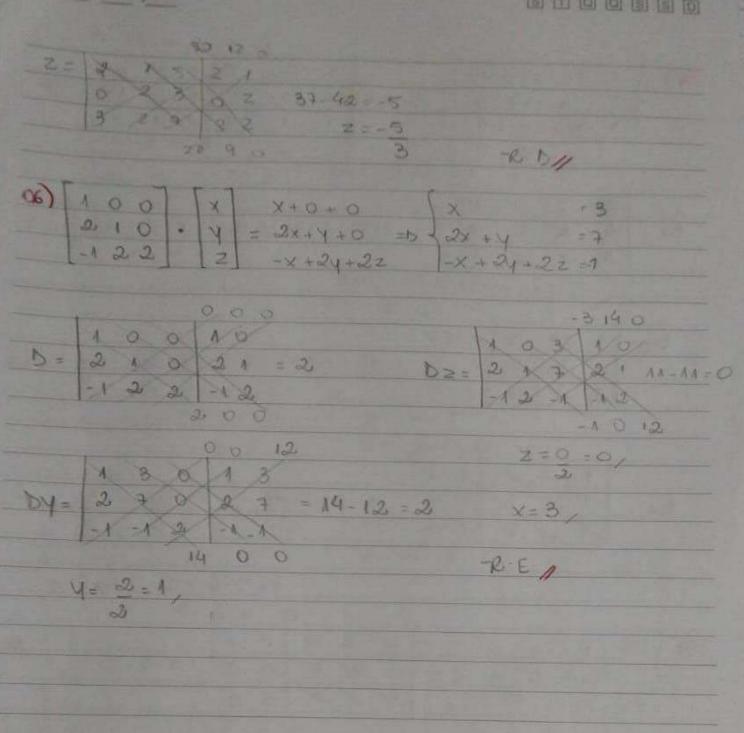
$$0y = 2 2 = -6 - (-2) = -4$$
 $y = 0y = -4$

b)
$$\begin{cases} 3x - y + z = 1 \\ 2x + 3z = -1 \\ 4x + y - 2z = 7 \end{cases}$$

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-4 68 -4 32-55=23 6-(-19)=23 3x +4y-2=1 II 4x +54 +2z= 12 1 x -24 +32 = 8 (11) (I) + (II) 3x +44-2=1 X -24+3z=8 4x +24+22=9 4=-1





Tarefa básica - Escalonamento

01)
$$\begin{cases} 2x - y - 3z = -5 \pm \\ x + 3y - z = 41 \pm \\ x + 5z = 3 \pm -6 \times = 3 + 5z \end{cases}$$

$$T - a(3+5z)-y-3z=-5$$

 $6+10z-y-3z=-5$
 $6+7z-y=-5$
 $7z-y=-11$

02)	x = 24	
	23	- n Z = 24
	X+4+2=	14 3

$$x=2y$$
 $x+y+z=11$
 $x=23$ $6+3+z=11$
 $x=6$ $y+z=11$
 $z=11-a$
 $z=2$

$$252 = 11 - 36$$
 $252 = -25$
 $2 = -25$
 25

$$3y = 11 + 2 - 1$$

 $3y = 12$
 $y = 12$
 $y = 4$

Spirali

$$\frac{64 + 34 + 24 = 33}{3}$$

$$\frac{64 + 34 + 24 = 33}{4 + 24 + 32 = ?}$$

$$\frac{64 + 6 + 6 = 18}{4 + 34 + 32 = ?}$$

$$\frac{114 = 33}{4 + 33}$$

$$\frac{718}{4 + 34 + 34 + 34 = 33}$$

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03) (x+y+2=0 2x-4-2=1 6y +32=-12 2x +24 +22 = 0 (1) 2x-Y-2z=1 64 +32= -12 -34-42-1 (-2) 64 +32 = - 12 -69-82-2 Cog +32 = -12 R.D4 -52=-10 2 = -10 Z=2 48,00 05) 134,00 115,00 0 5 134 3 4 42 = 135 DX = 115 0 52 -115 115

48 1 0

48 1

Y 0 = 48

