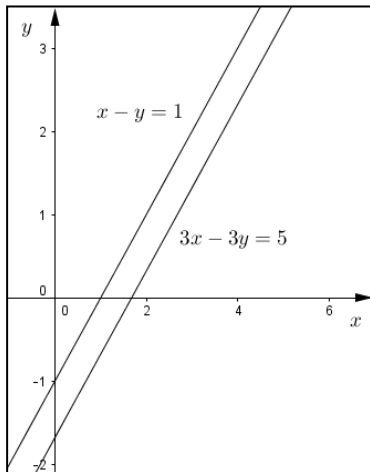


T. P. N° 8 -- Respuestas

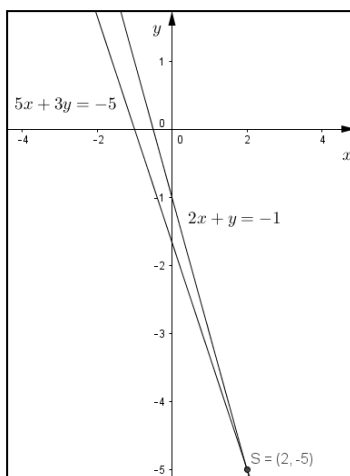
Sistemas de ecuaciones lineales

Problema 1

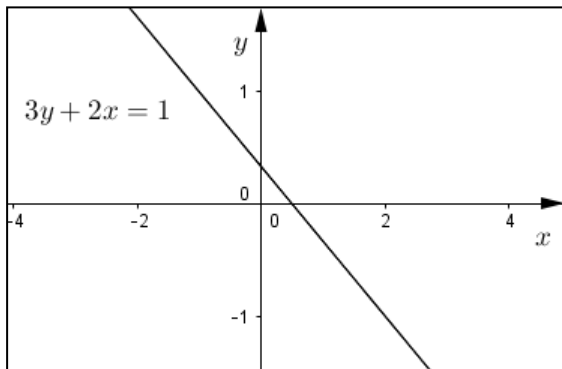
a) Sol. = $\{\}$, Sistema Incompatible (SI)



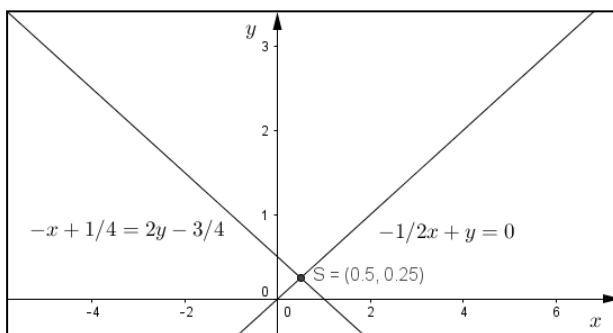
b) Sol. = $(2, -5)$ Sistema Compatible Determinado (SCD)



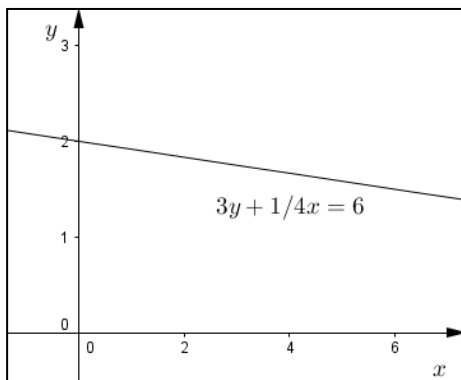
c) Infinitas Soluciones, Sistema Compatible Indeterminado (SCI)



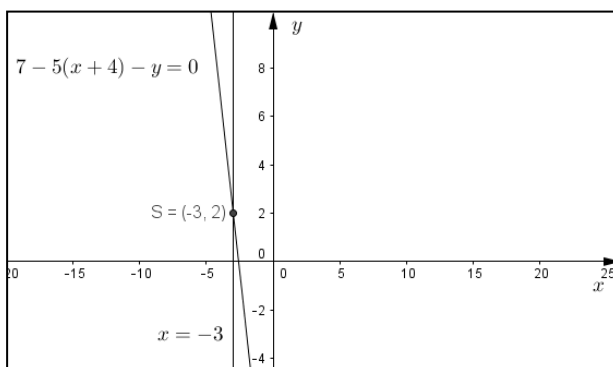
d) Sol. = $\left(\frac{1}{2}, \frac{1}{4}\right)$ SCD



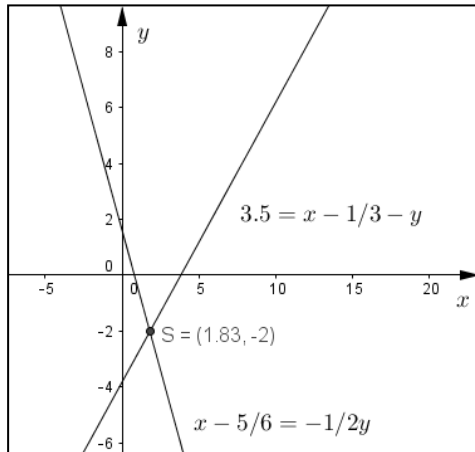
e) Infinitas Soluciones (SCI)



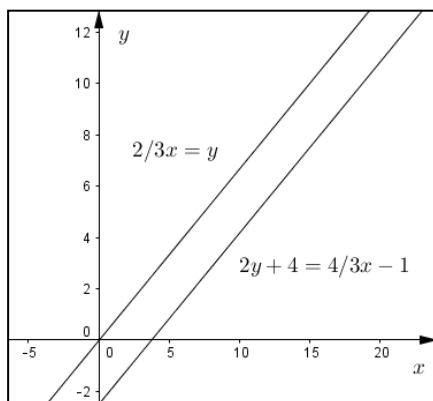
f) Sol. = $(-3, 2)$ (SCD)



g) Sol. = $\left(\frac{11}{6}, -2\right)$ (SCD)



h) Sol. = $\emptyset$, SI



Problema 2

a) (3,1)

b) $y = 1$

c) Área = 5/4

Problema 3

a) Vértices: $\{(2, 0); (5, 0); (\frac{7}{2}, 12)\}$

b) $x = \frac{7}{2}$

c) base = 3 unidades

d) Área del triángulo = $\frac{3 \cdot 12}{2} = 18$