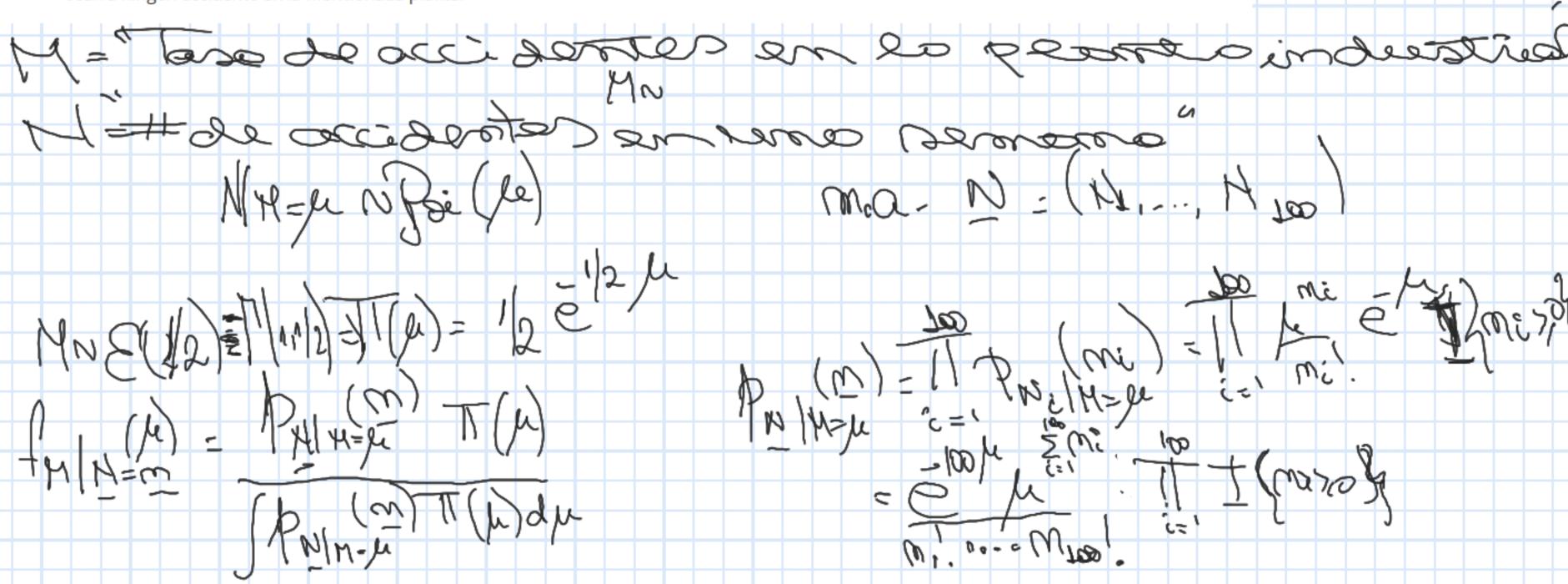
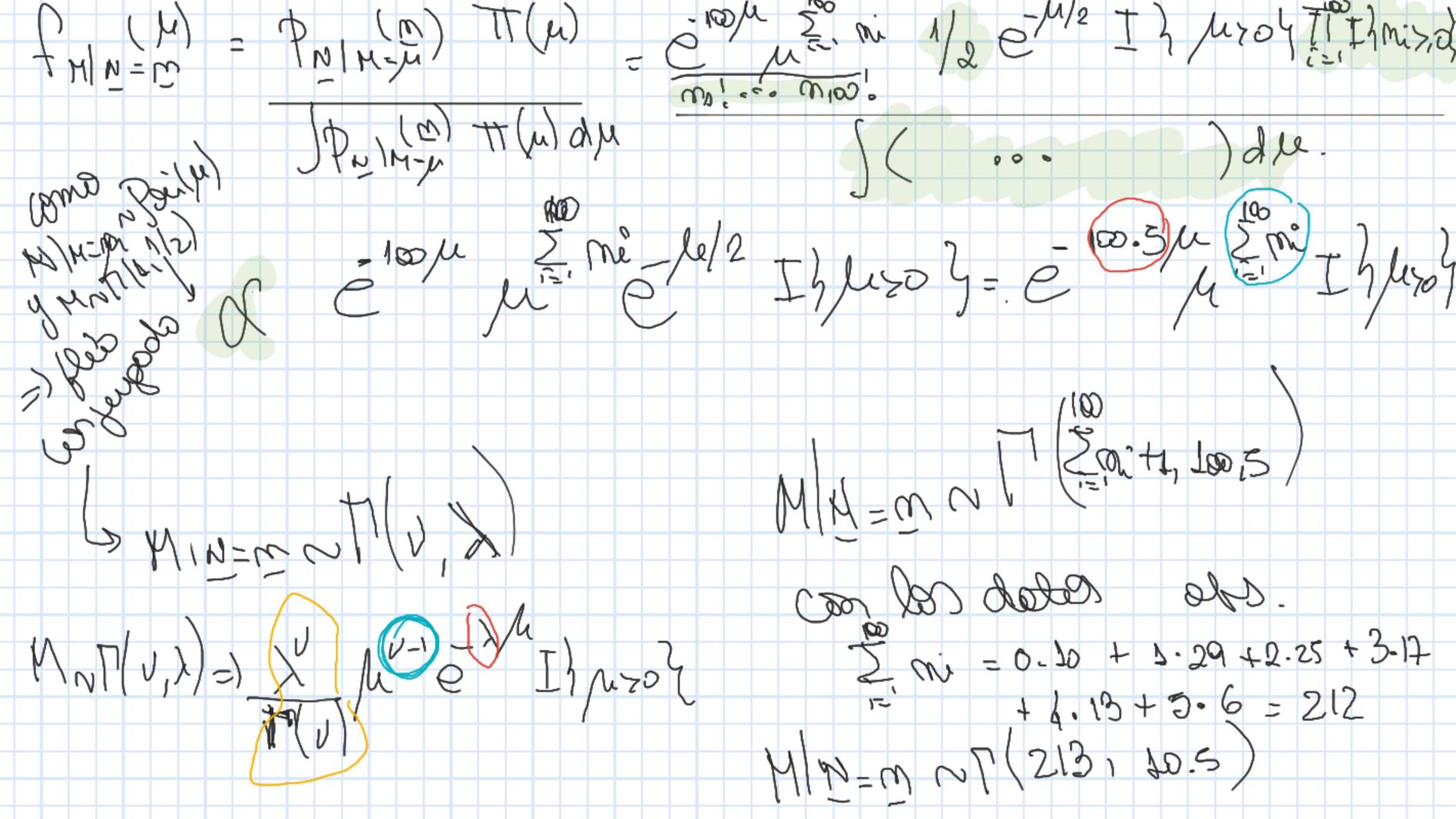
La cantidad de accidentes semanales en una planta industrial tiene una distribución de Poisson de media μ. En una muestra de 100 semanas se observaron las frecuencias:

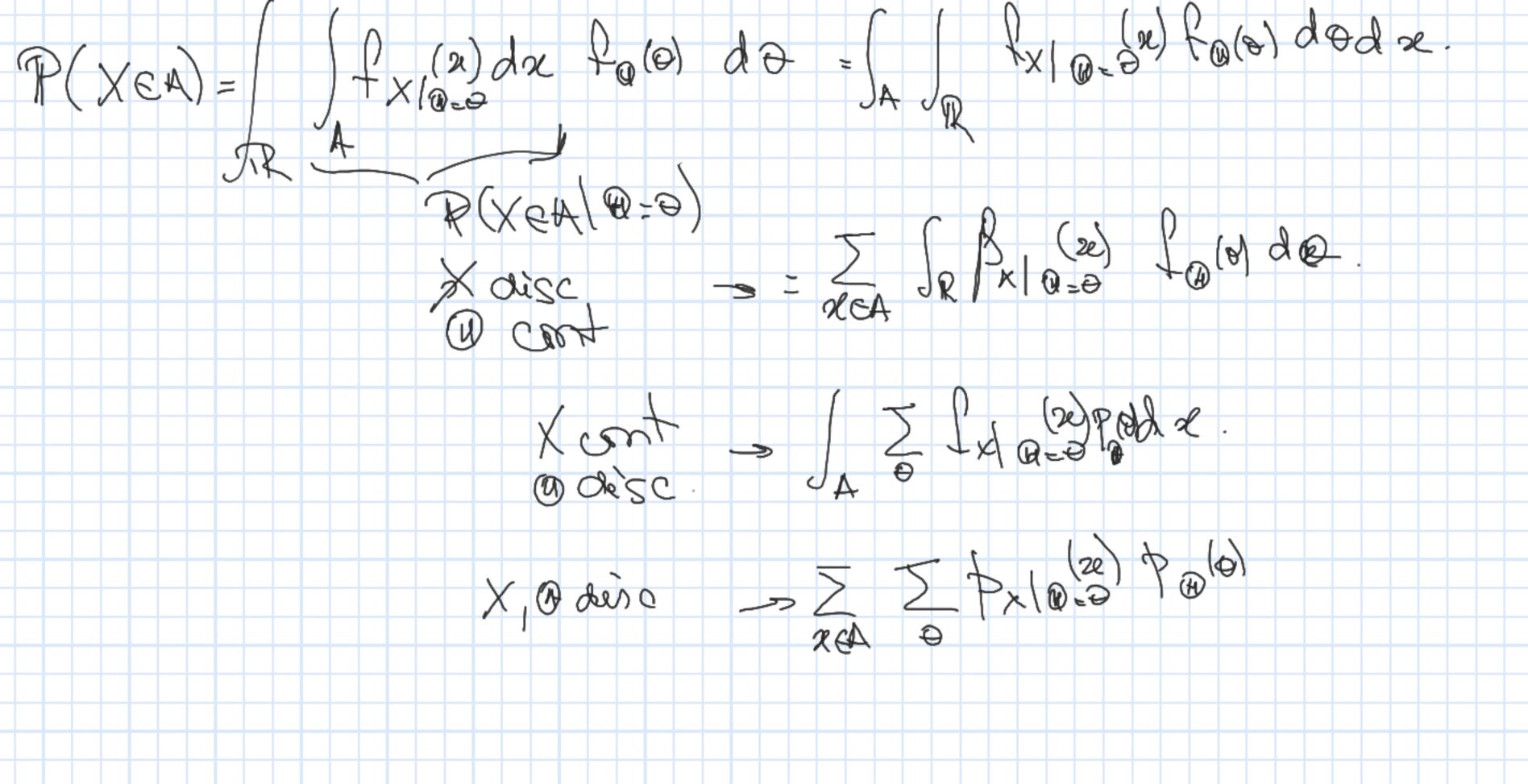
Cantidad de accidentes	0	1	2	3	4	5
Frecuencia	10	29	25	17	13	6

A priori, µ tiene una distribución exponencial de media 2. En virtud de la información muestral:

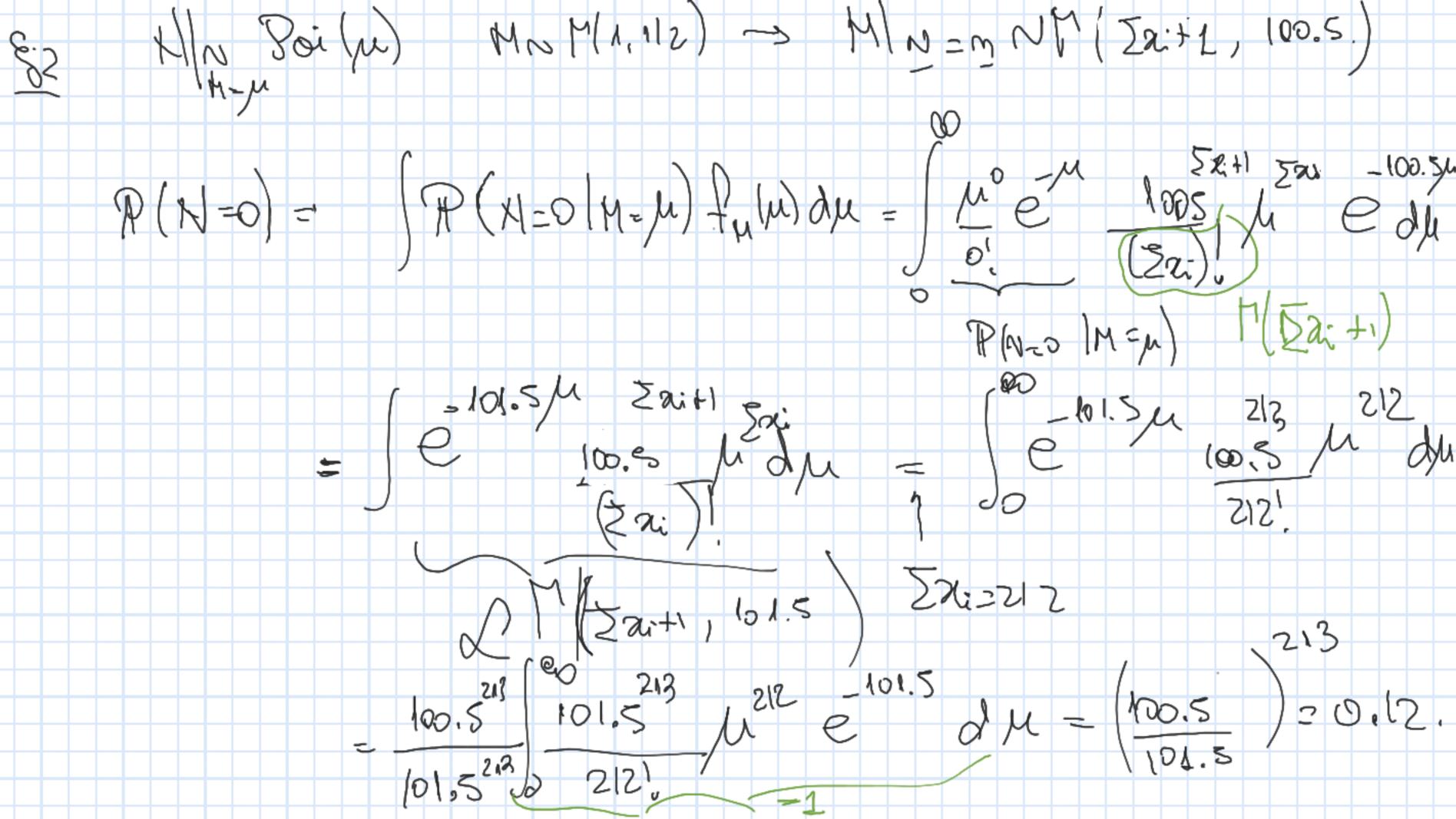
1. Estimar la probabilidad de que en la semana del 18 de diciembre de 2021 no ocurra ningún accidente en la mencionada planta.

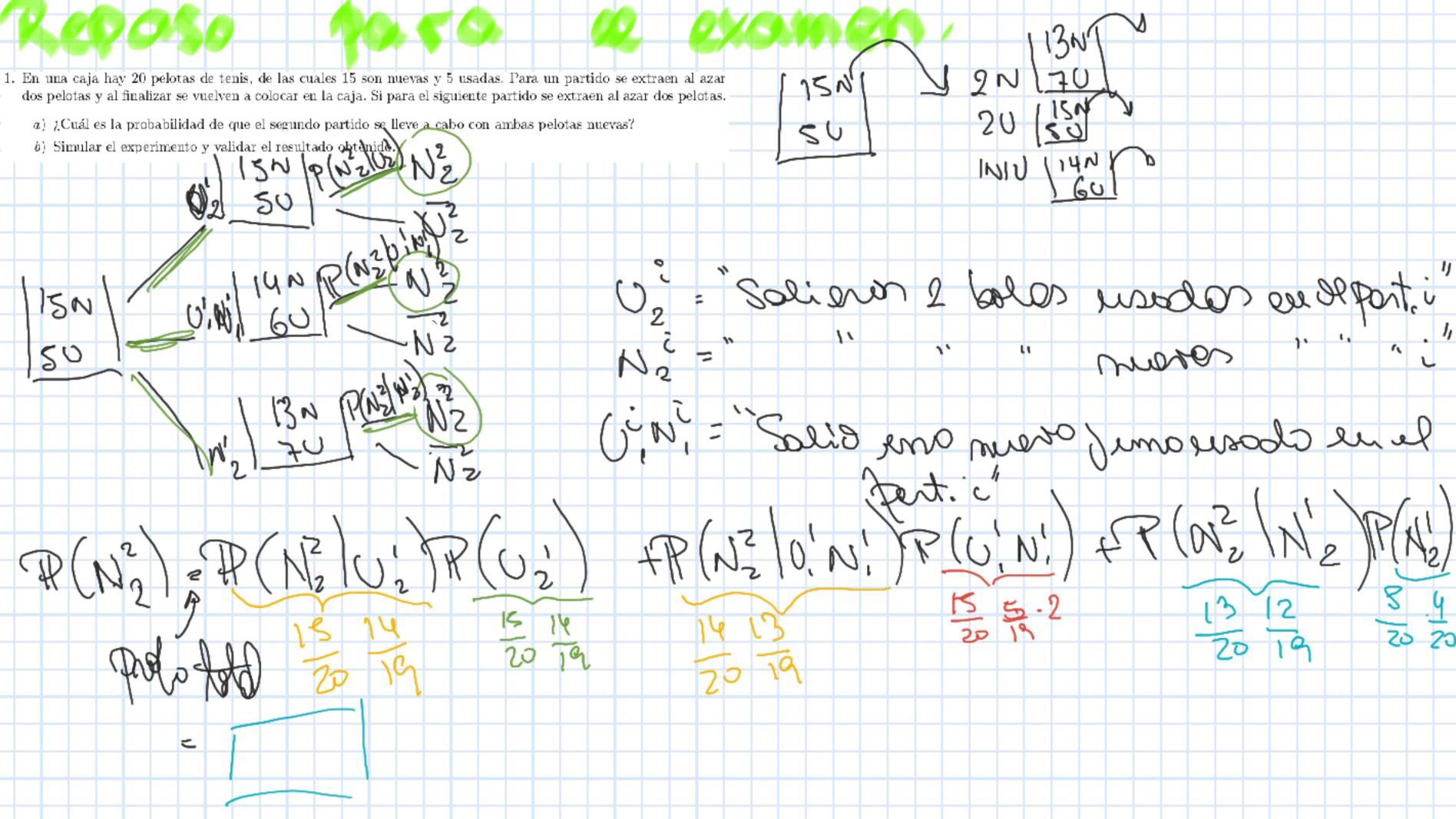


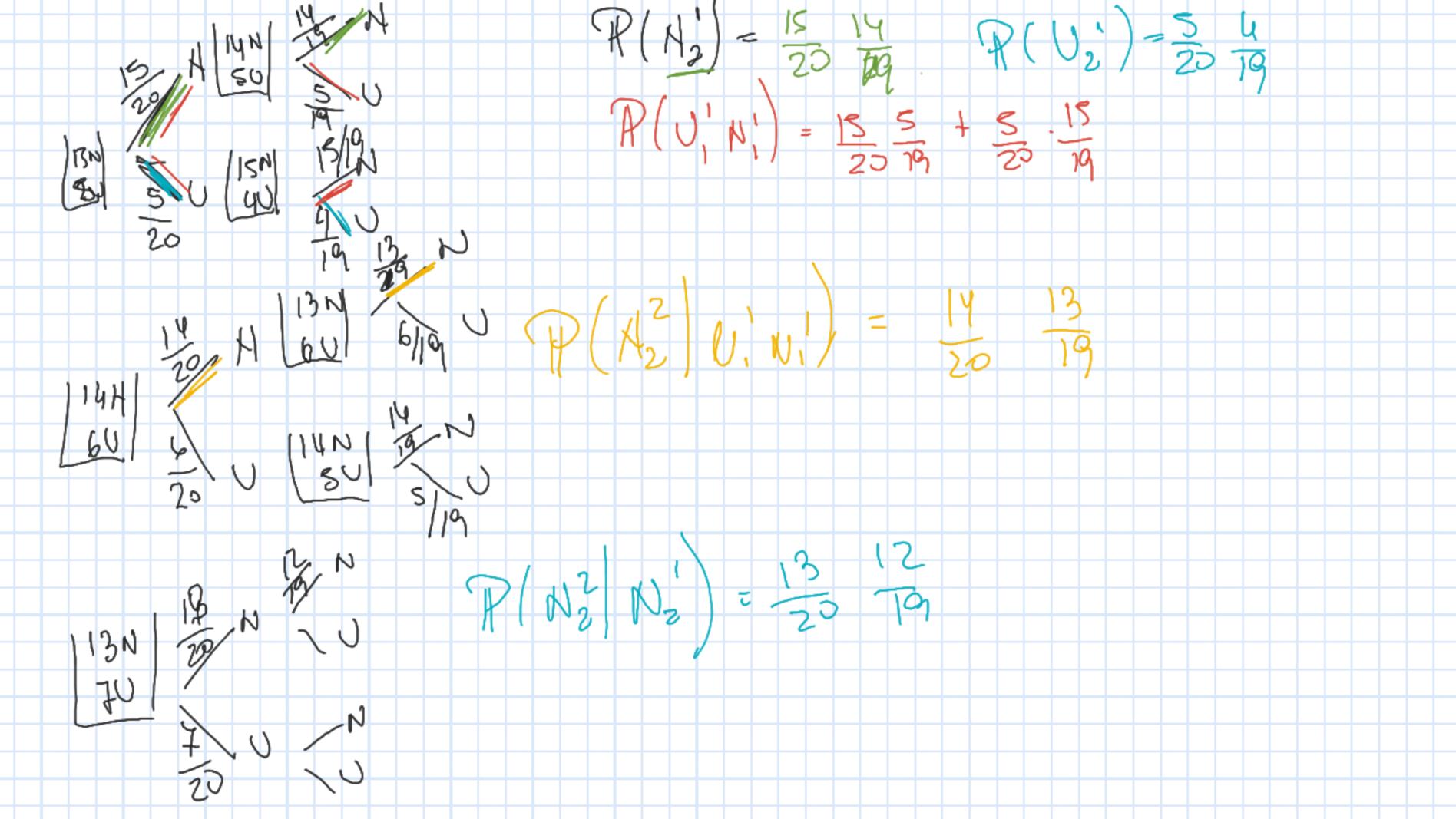


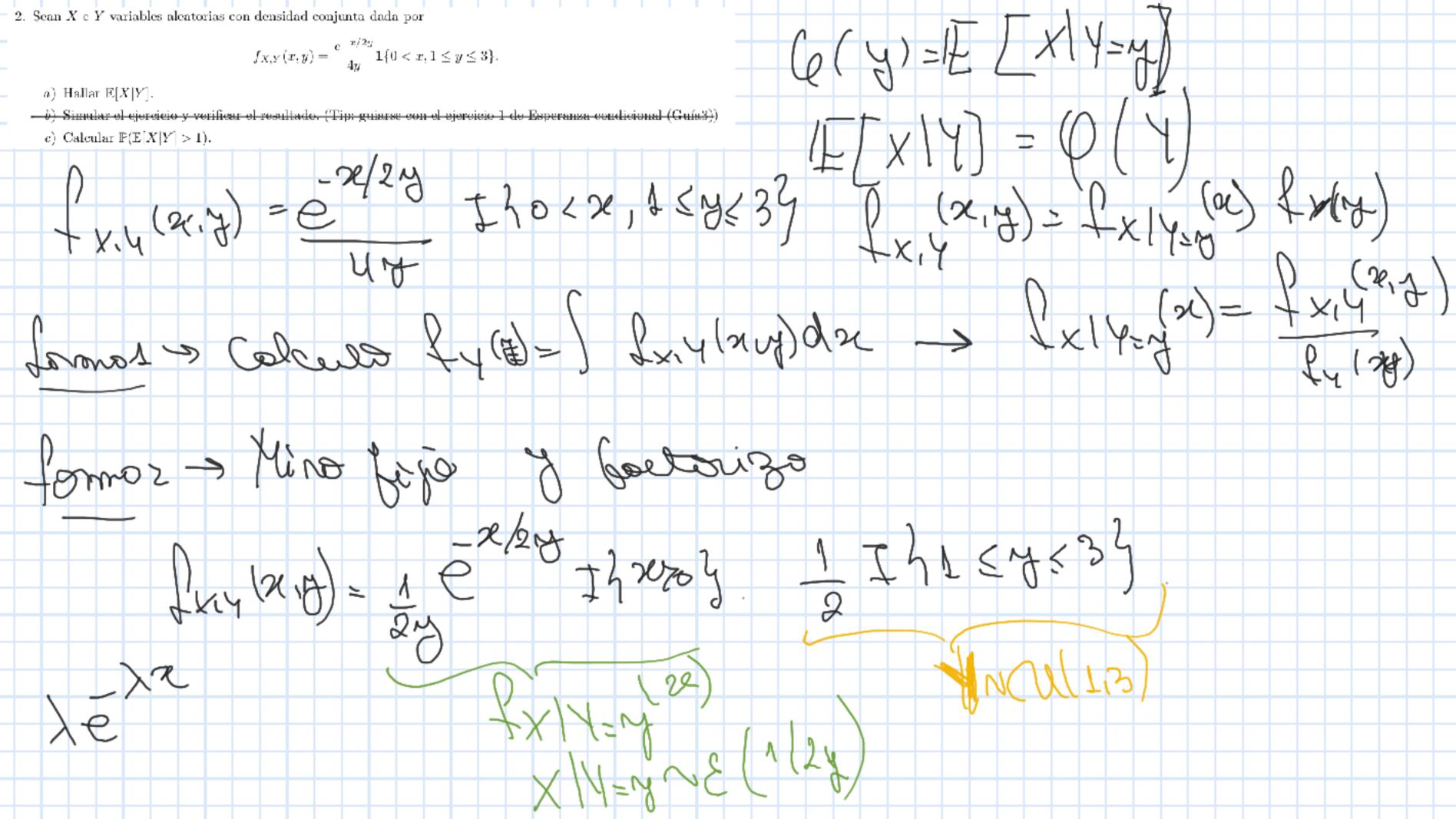


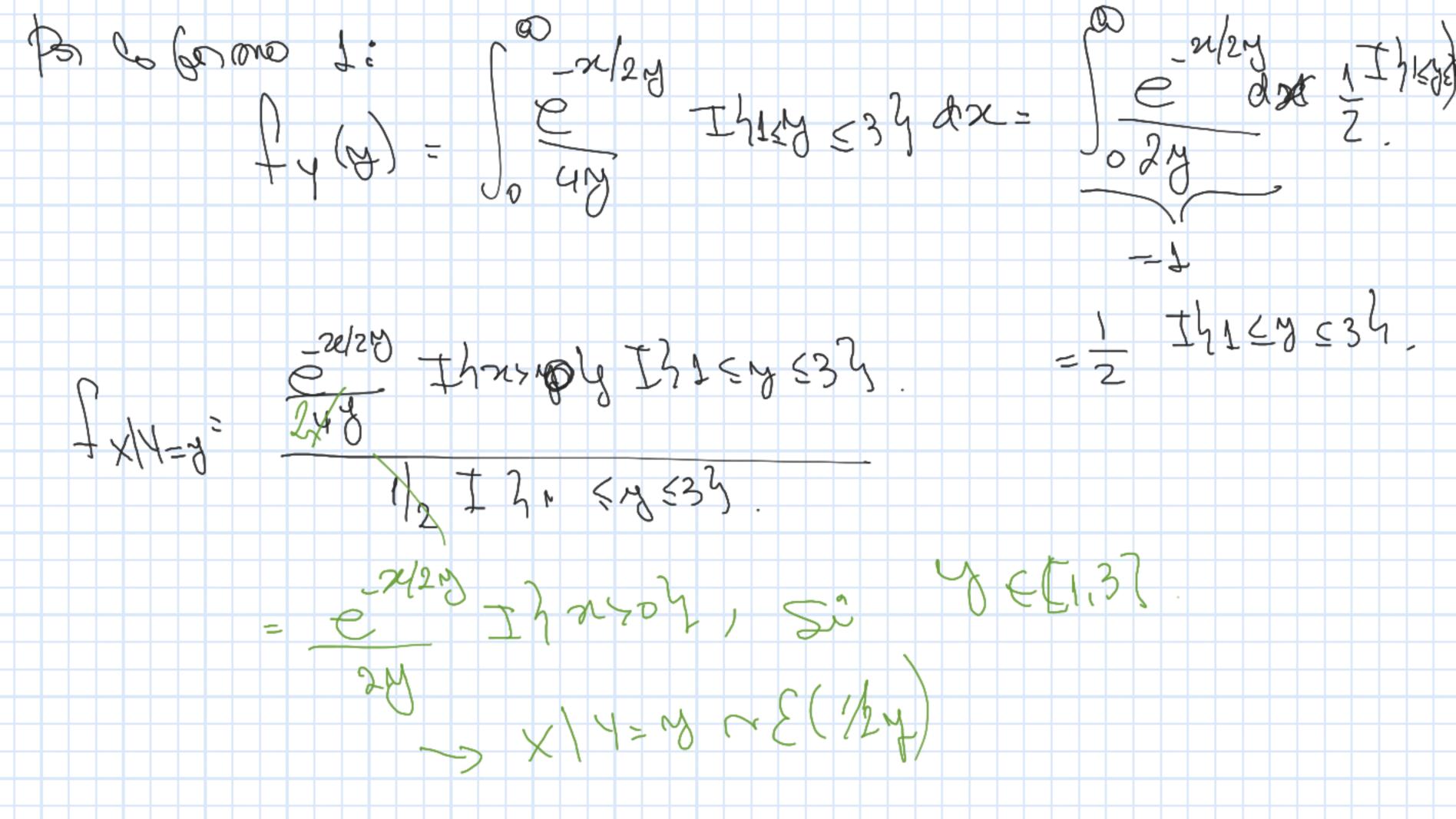
$$S_{1}(X_{0}, X_{0}, X$$



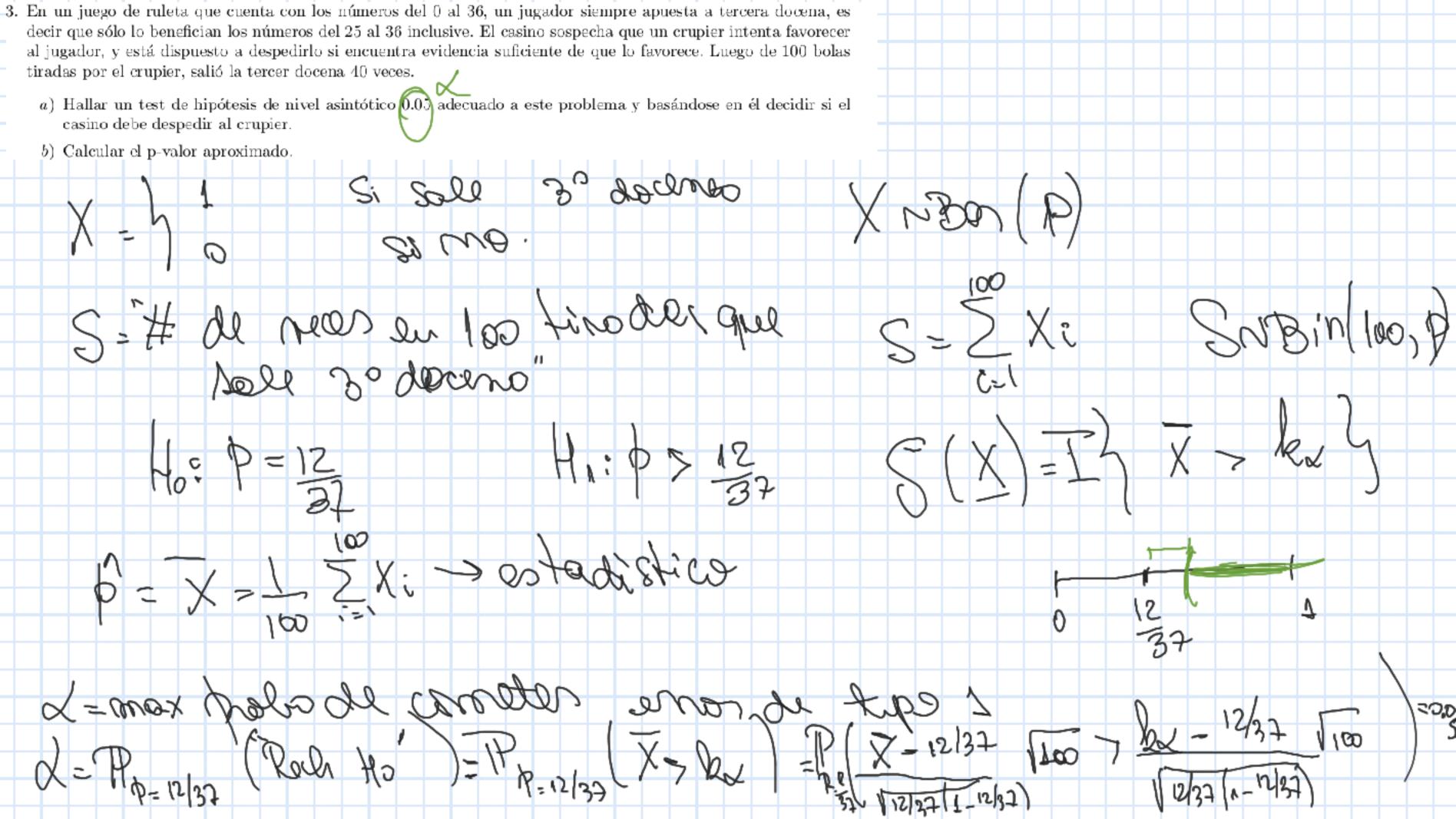


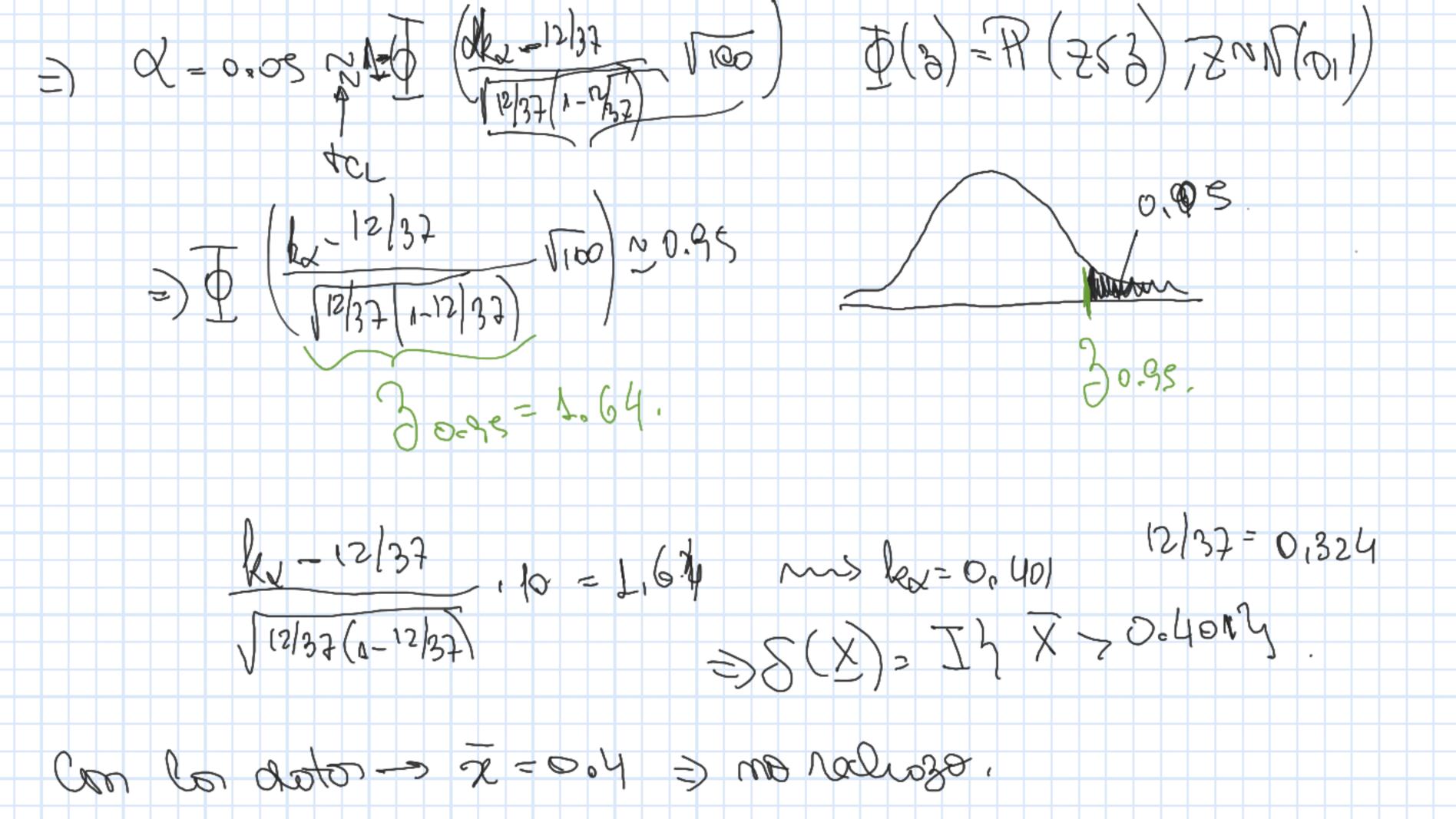






cormo XI Y=y ~ 
$$\mathcal{E}(\sqrt{2y}) \rightarrow \mathbb{P}(\sqrt{y}) = \mathbb{E}[X/y=y] = 2y$$
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 $\rightarrow \mathbb{E}[X/y] = \mathbb{P}(\sqrt{y}) = \mathbb{P}(\sqrt{y}) = \mathbb{P}(\sqrt{y}) = 1$   
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