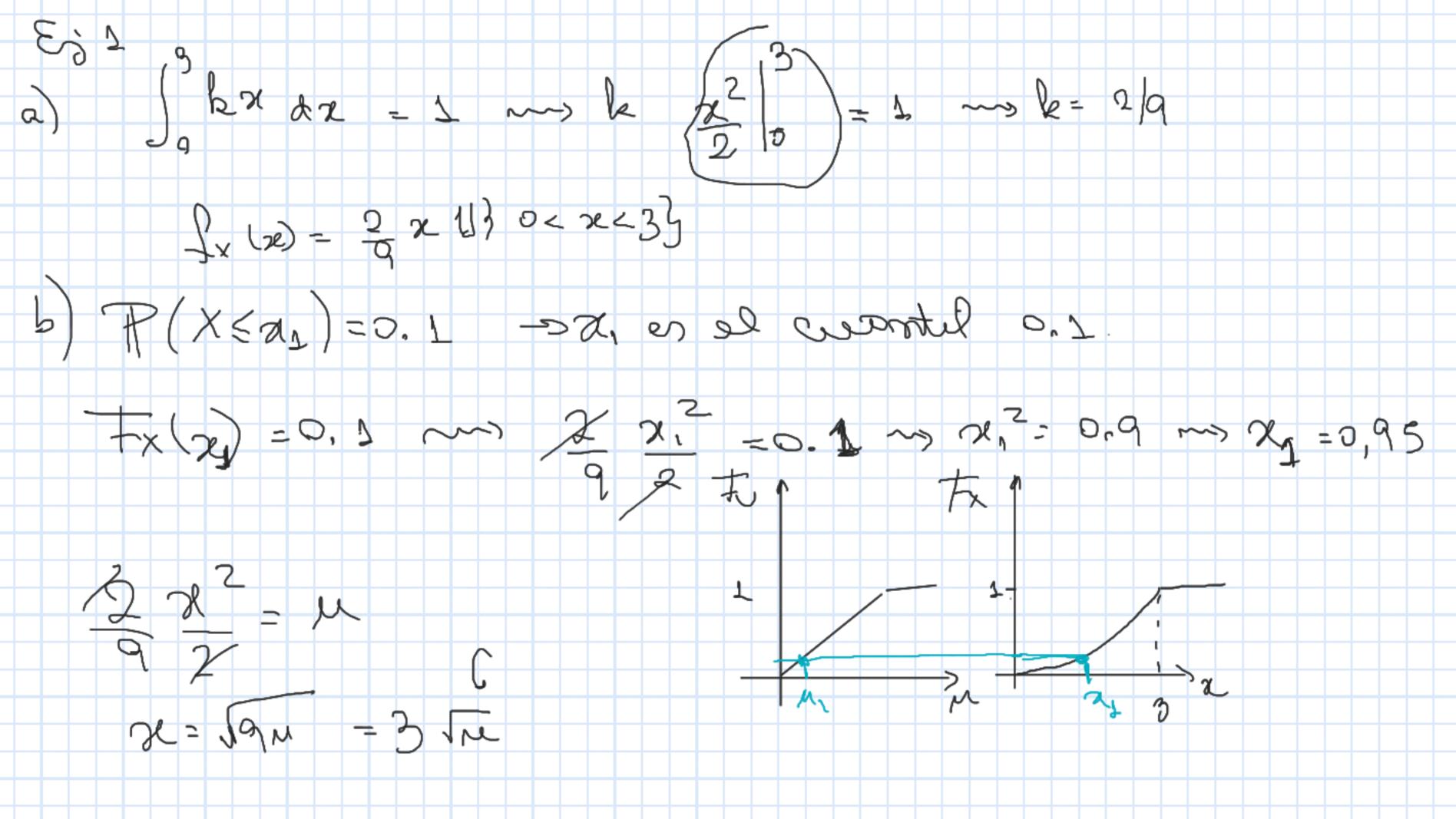


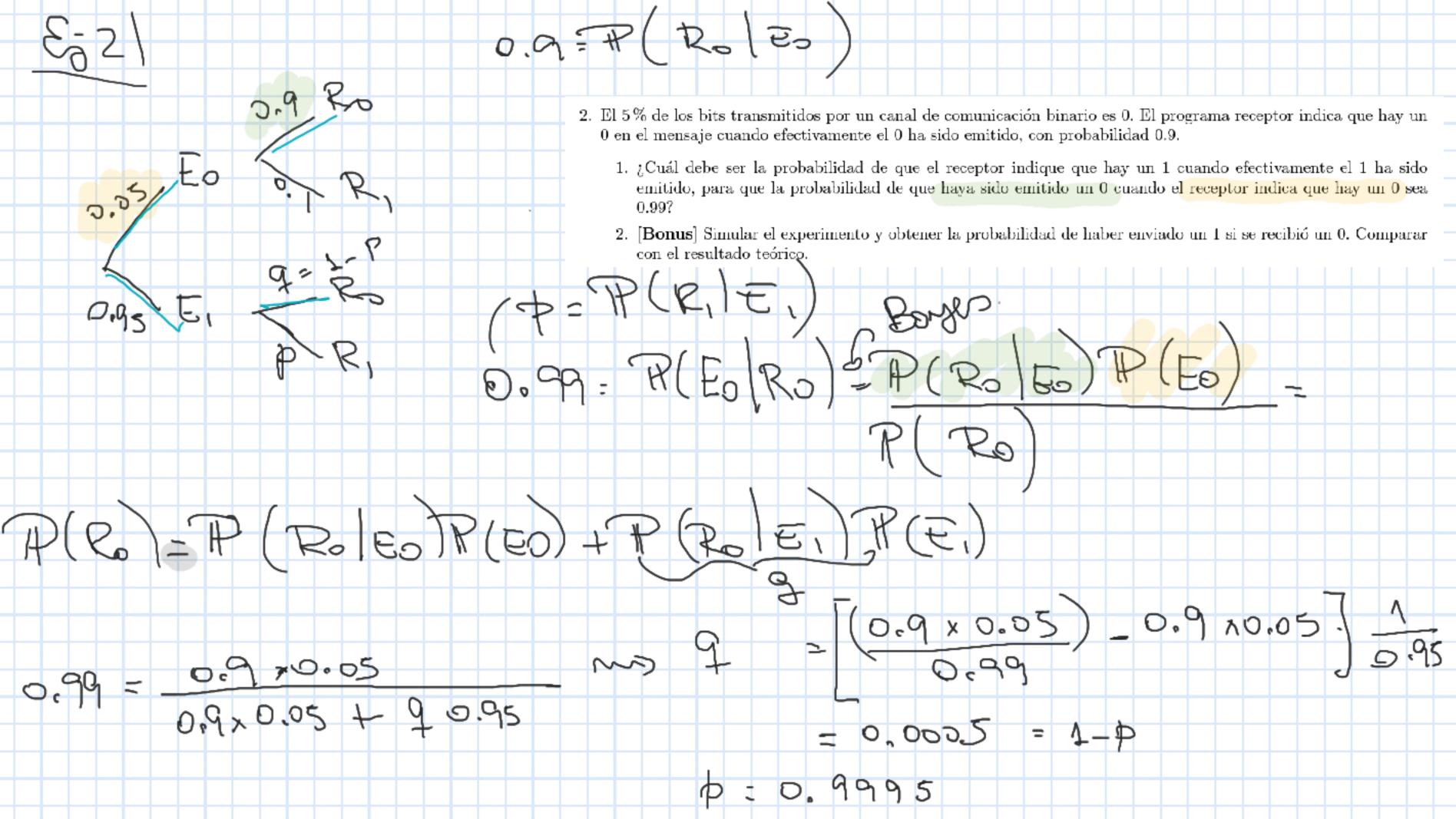
$$f_{\theta}(x) = \frac{3x^2}{\theta^3} I\{0 < x < \theta\}, \quad \theta > 0.$$

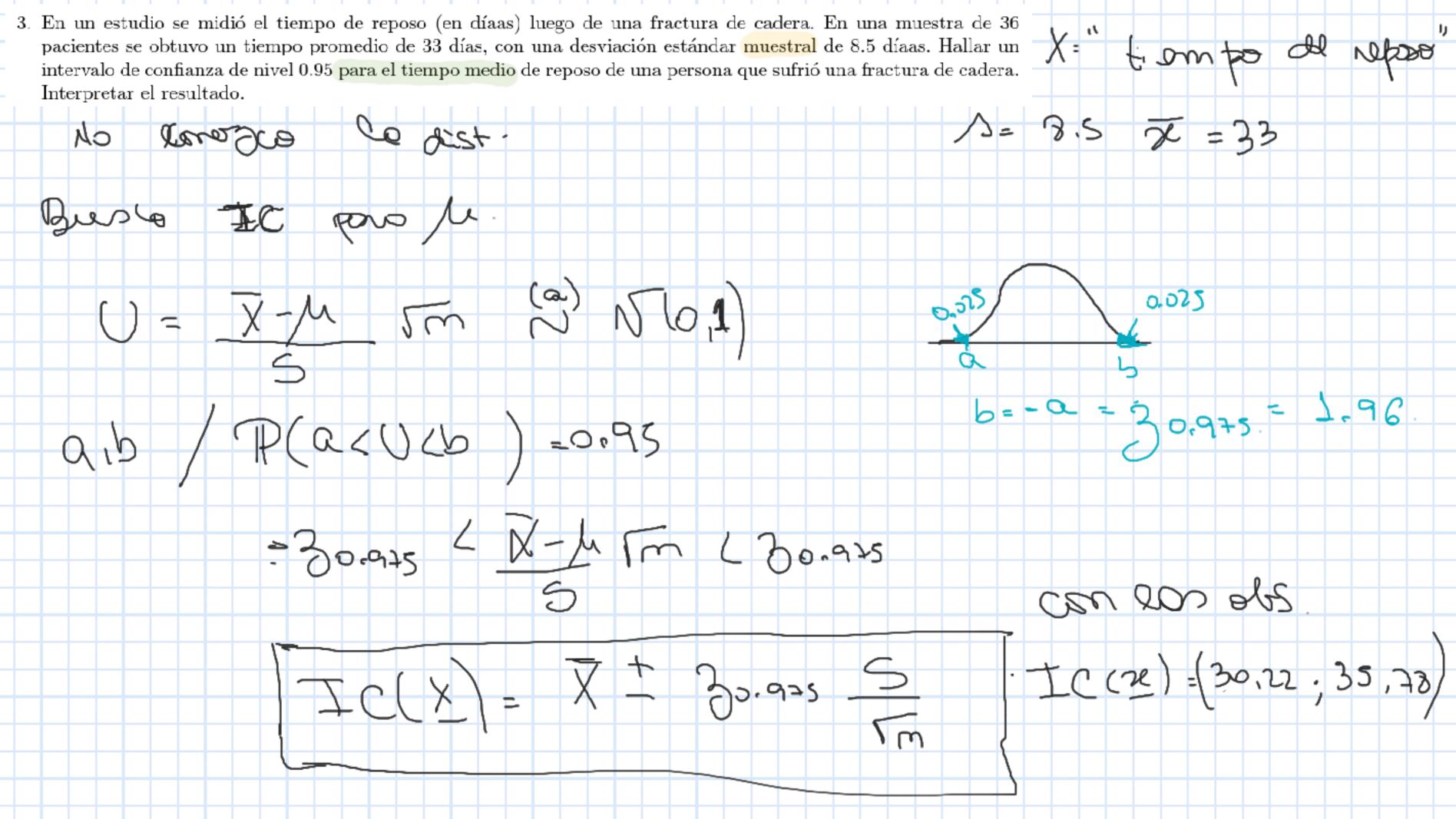
Hallar una cota superior de confianza de nivel 0.95 pata θ basada en la muestra aleatoria: 2.85, 2.44, 3.93, 3.83. Sugerencia: encararlo similar al ejemplo de la v.a. uniforme visto en clase.

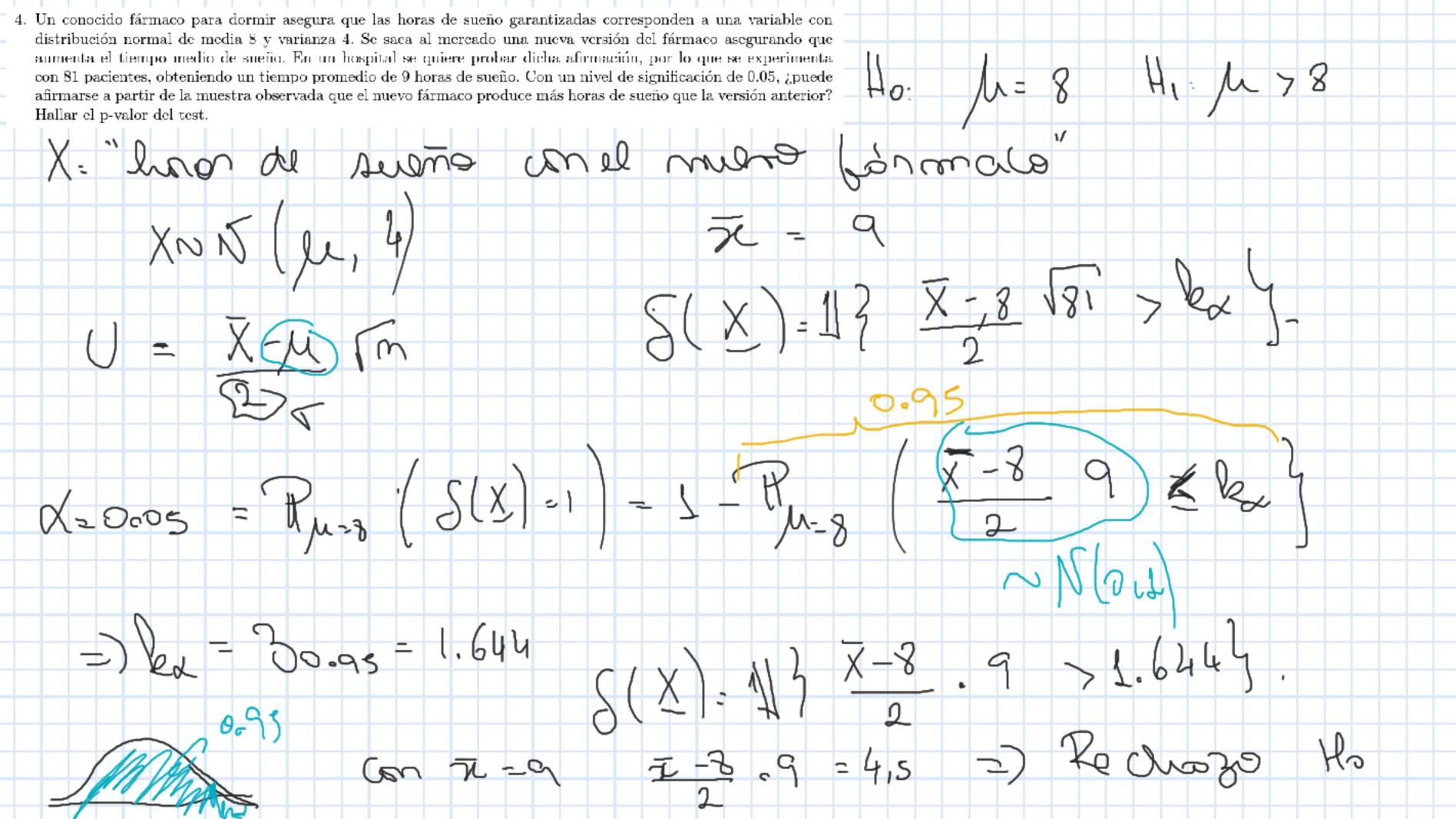
 $3(\overline{(x)}, 0) = 3^{1/2} + 1/3$ ocain

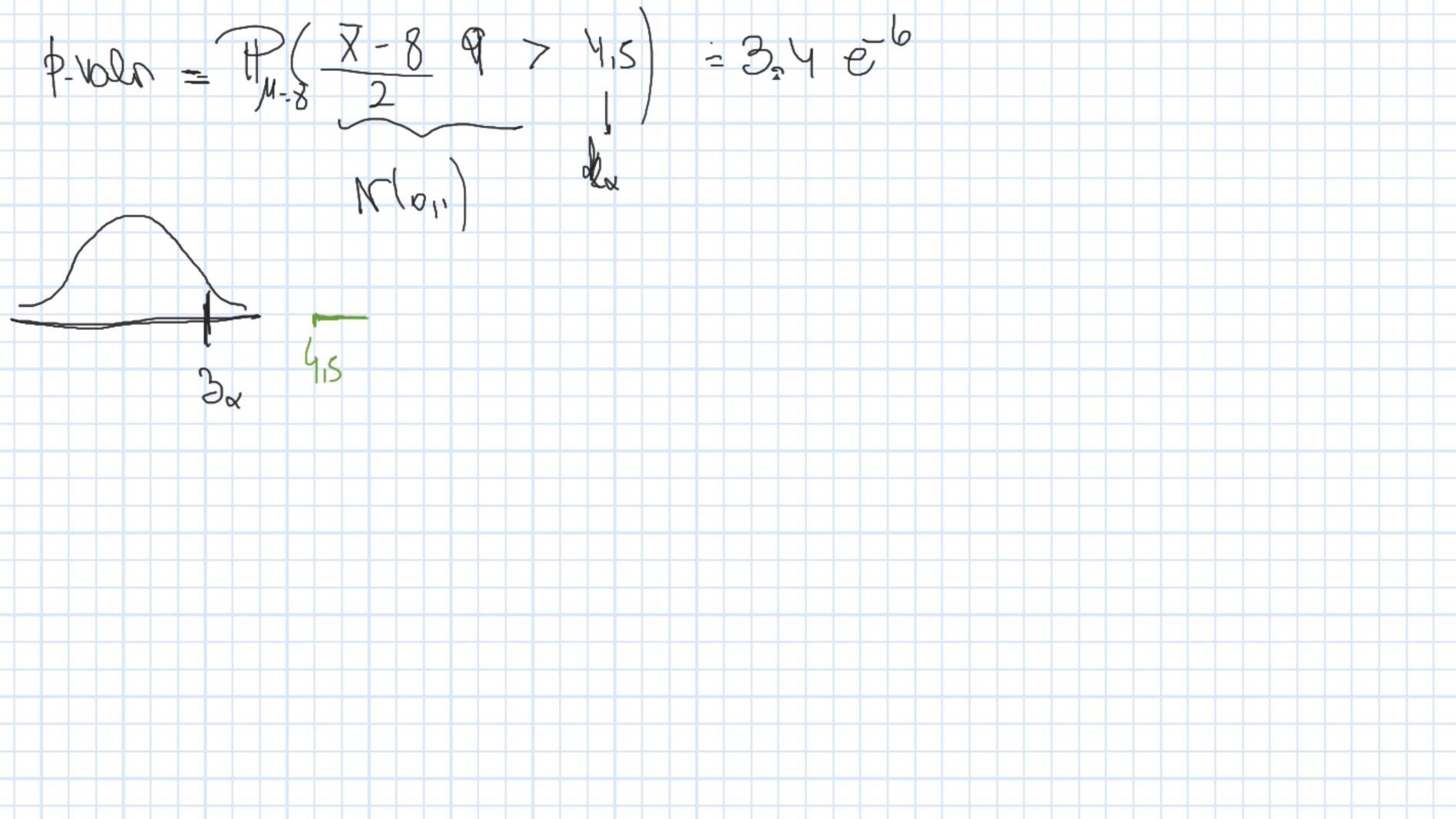
O L WEL &











Relacion TC/ test. Hoile-lo VS H, : M+ lo IC (x)=[a(x), b(x)] S(X)=11 { U< lex/2 4+ 11 40 > leng Confianzo del 0,95 X-les 5m > 1.647 (10: X-Ses) Tm < 1.64 es uno cato inferio 8/14 de nivel o 25

