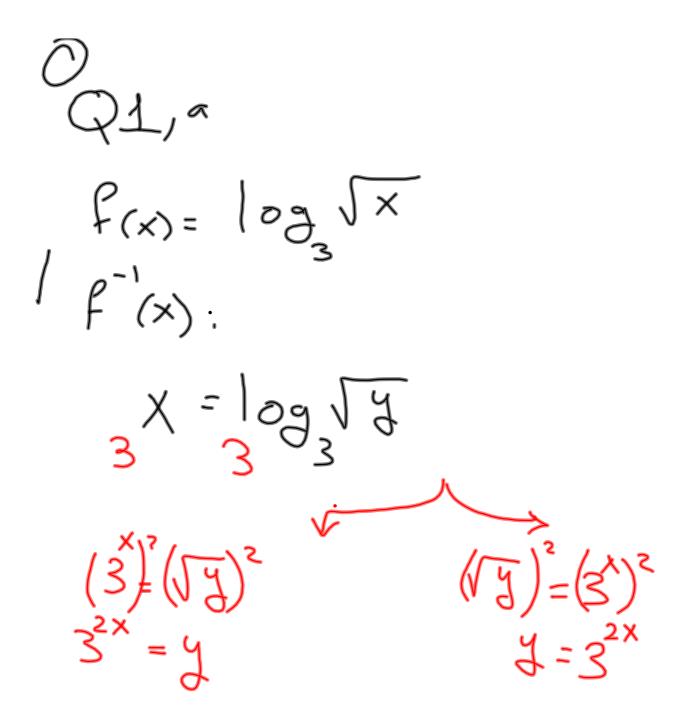
G11

Today:

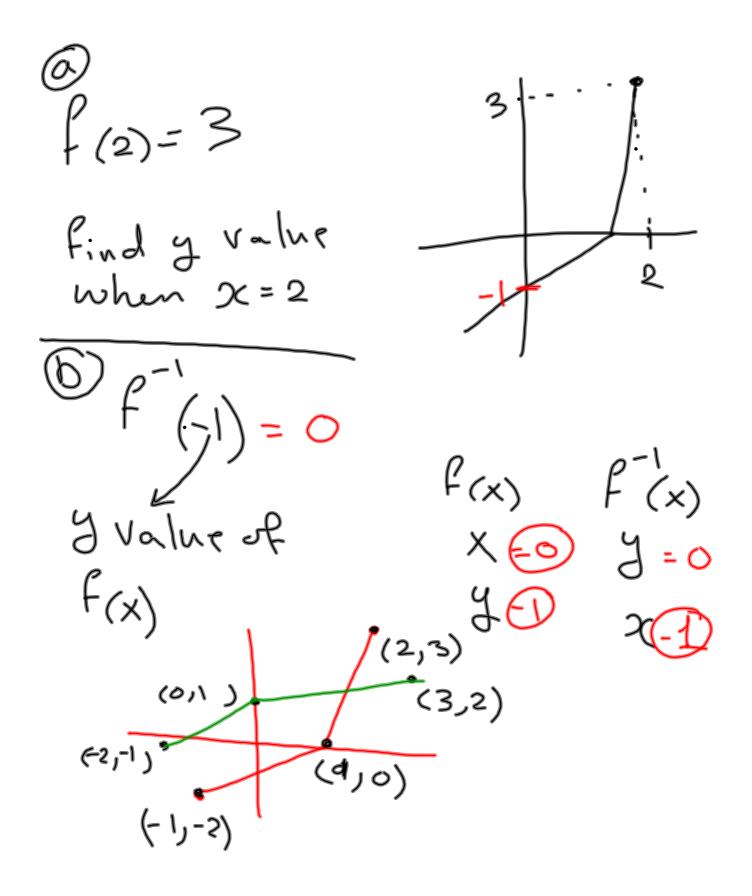
- Test 6 solution
- Paper2: Calculator

T1 N-spire> How to use it in the website

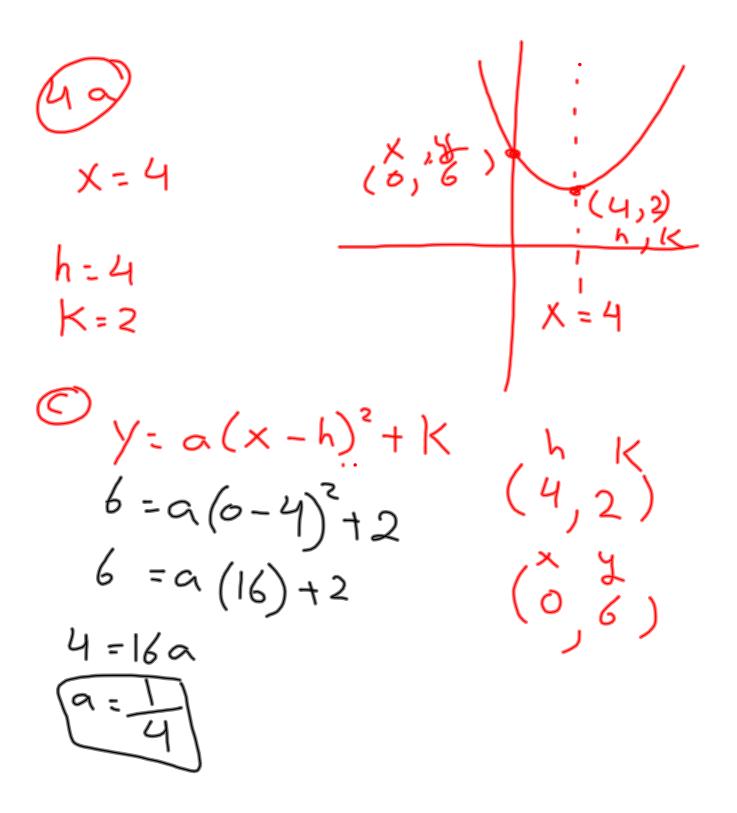


range $f'(x) = 3^{2x}$ 2414203 4>0

 $f^{-1}(A) = 3^{2X}$ (f 0g)(2) f'(J(2))J(2)= $1 \circ g^{2}$ $2) = 2^{2} (l \circ g^{2})$ $f(\log 2)$ 2 logia J I - Jog = 2 = 4



f(x)=(x-1). reflec K(x) h = 19 shift $\mathcal{J}(x) = -(x-3)^2 + 1$ $h: 1 \rightarrow 3$ h: $1 \rightarrow 3$ 2 units right K: $+9 \rightarrow 1$ 8 down h, K P = 2 9- -8



$$f(x) = P + \frac{9}{x-9}, x \neq 9$$

$$f(x) = P + \frac{9}{x-9}, \forall A := 3$$

$$VA:$$

$$X - 9 = 0$$

$$X = 9, \therefore 9 = 3$$

$$X = 3$$

$$Y_{ink} = (0, 4)$$

$$Y = P + \frac{9}{x-9}, \quad Y = 3$$

$$X = 0$$

$$Y = 4 (0, 4)$$

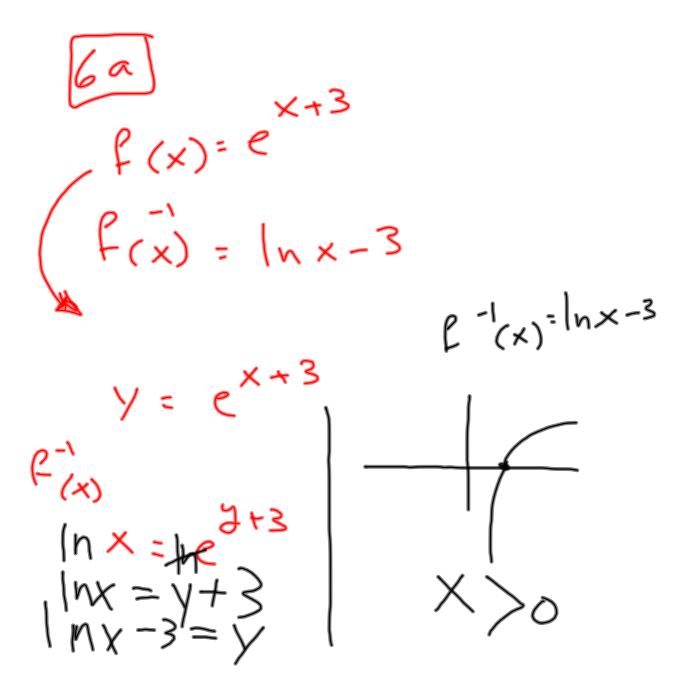
$$Y = P + \frac{9}{x-9}, \quad X = 0$$

$$Y = 4 (0, 4)$$

$$Y = P - 3$$

$$P = 7$$

50 $Y = 7 + \frac{1}{x-3}$ HA: Y = 7Y = 7



 $\frac{66}{f'(x)} = \ln \frac{1}{x}, f'(x) = \ln x - 3$ · . In = - (n x - 3) $\ln \frac{1}{x} = \ln x - \ln e^{3}$ $\ln \left(\frac{1}{x}\right) = \ln \left(\frac{2}{e^{3}}\right)$ $\frac{1}{X^2} = e^{x}$ $X = Je^{3}$

