Ybok 2 A3

D'hommun ypostroteur maprosonos, u porogranject v per mpo morno (x, y): (1,2), (3,10), (5,1)

Thestretum us befores: y = ax2+bx+c

Populapyon cuchicuy:

histogra outer a nouvousoro interponorece populgio yous unsurpulsi 3x3:

$$\Delta_{A} = \begin{vmatrix} 3 & 3 & 1 \\ 9 & 3 & 1 \\ 25 & 5 & 1 \end{vmatrix} = 1.3.1 + 1.9.5 + 25.1.1 - (25.3.1+9.1.1+5.1.1) = 3 + 45.25 - 75 - 9 - 5 = -16$$

$$\Delta a^{2} \begin{vmatrix} 2 & 1 & 1 \\ 1 & 3 & 1 \end{vmatrix} = 2.3.1 + 10.5.1 + 1.1.1 - 1.3.1 - 10.1.1 - 5.1.2 = 6 + 20 + 1 - 3 - 10 - 10 = 34$$

$$\Delta 8 = \frac{1}{2} \frac{2}{10} \frac{1}{12} \frac{2}{100} \frac{1}{100} \frac{$$

$$\Delta c \neq \frac{1}{9} = \frac{1}{3} \cdot \frac{1}{10} = \frac{1 \cdot 3 \cdot 1}{3 \cdot 1} + \frac{9 \cdot 9 \cdot 2 \cdot 2}{100 \cdot 1} + \frac{1}{100 \cdot 2} = \frac{25 \cdot 3 \cdot 2}{100 \cdot 1} = \frac{3 + 90 + 250 - 150 - 9 - 90}{100 \cdot 1} = \frac{134}{100 \cdot 1}$$

$$8 = \frac{\Delta_8}{\Delta_A} = \frac{-200}{-16} = \frac{25}{2}$$

$$c = \frac{\Delta}{\Delta A} = \frac{134}{-16} = -\frac{67}{8}$$

Quiben: 4 poblisher: y=-17 x2+25 x-67

rpocerbori misuoi apospur ecuro & ipyub-figira U.

@ hybecutio, suro obsailed orgher the 99% cocurous in y bogos. muses turises experience monde co obermoner or ypyes in norywhoch, who we mor bour pobto 100m. Munior yopism, 9 repez menses enobes bybeccercus. Onjoyor yos ano bfecus y corus, u monopo booges coemistensim you monono 98% ux beers. Cucuro no monopo (6 m) beasu ouppiso?

monok compresent = 160 m a smo 100 % on lestembertuns " lestembertuto 6 orghisist to mutusemens busines, uno res bogos, amoio geolpies unqui 12 1%=> 6,01.100 = 114 po Emopor un oberne perter misus smoro « Espo, no motisenus, ochustiscisco fui, upu surcui 6 coom pouro fuces à boge, homopoi unsuo 98%, suo meno 2% x= nobini lec ouprisob x=1.100/2 = 50 omben: som 3 Penurus ypobhoticus: (5x-5) 609a(5x-5)=5 $(5x-5)^{209}a^{3}=5$ $(5x-5)^{212}=5$ x = log 2 256 x = 8 Sx-S=25 SX = 30 x = log 2 300 x = 30/5 x = 6

omben: 6 5) x log 3x+1 = 9 log 3x log 8x+1= log 39 log 3 x (log 3 x +1) = 2 Repense + Huse , Y:= log3x, Torgo: y(y+1)=2 $y^{2}+y-2=0$ $y^{2}+y-1=0$ $y^{2}+y-2=0$ $y^{$ $X = \frac{2 \cdot 1}{2 \cdot 1} = \frac{2}{2} = -2$

 $T\log_3 x = 1 \Rightarrow x = 3$ logsx = -2 => x=1/9

2) 2 = 256 Quéen: 8 2) 2 × = 300 x≈ 8,23 cubern: ≥823 3) los 2 8x-4=4 (8x-4) log 8 2 = 4 (8x-4) log 23 2 =4 8x-4 log 2 24 8x-9 = 4 x3 8x-4=12 8x = 16 x = 16/8 x = 2 Ombow: 2 9 bonucuemo:

1) logu16=2

Quibeu: 2

2) logs = 2 = logs = 2 = 2 logs 5-1=-2

Quiben: (-2)

3) log25 S = log52 S = \frac{1}{2} log5 S = \frac{1}{2}

Ourbeu: (2)

4) logs 527 = log327 = = = = log33 = = = 2.3 = = = = 1.5

Omben 11,5

s) log_12 - log_3 = log_2 = 2 = log_2 4 = 2

Queben! 2

6) log 6 (2 + log 63 = log 6 (12.3) = log 6 36 = 2

Queben! 2

7) e lus = e loges = s

Quiben! S

8) $\frac{\log_2 225}{\log_2 15} = \log_{15} 225 = \log_{15} 15^2 = 2$

Quiberi: 2 9) log = 32 + log 0, 10 = log 222 + log 10-1 PD = = S. \frac{1}{2} \cdot \log_2 2 + (-\frac{1}{7}) \log_{10} 0 = 5.\frac{1}{2} \cdot 2 -1 = 1.S

Ourben 1,5

10) 9 eog 3 15 = 32 eog 3 5 = 3 eog 3 (55)2 = 5

Owben: 5