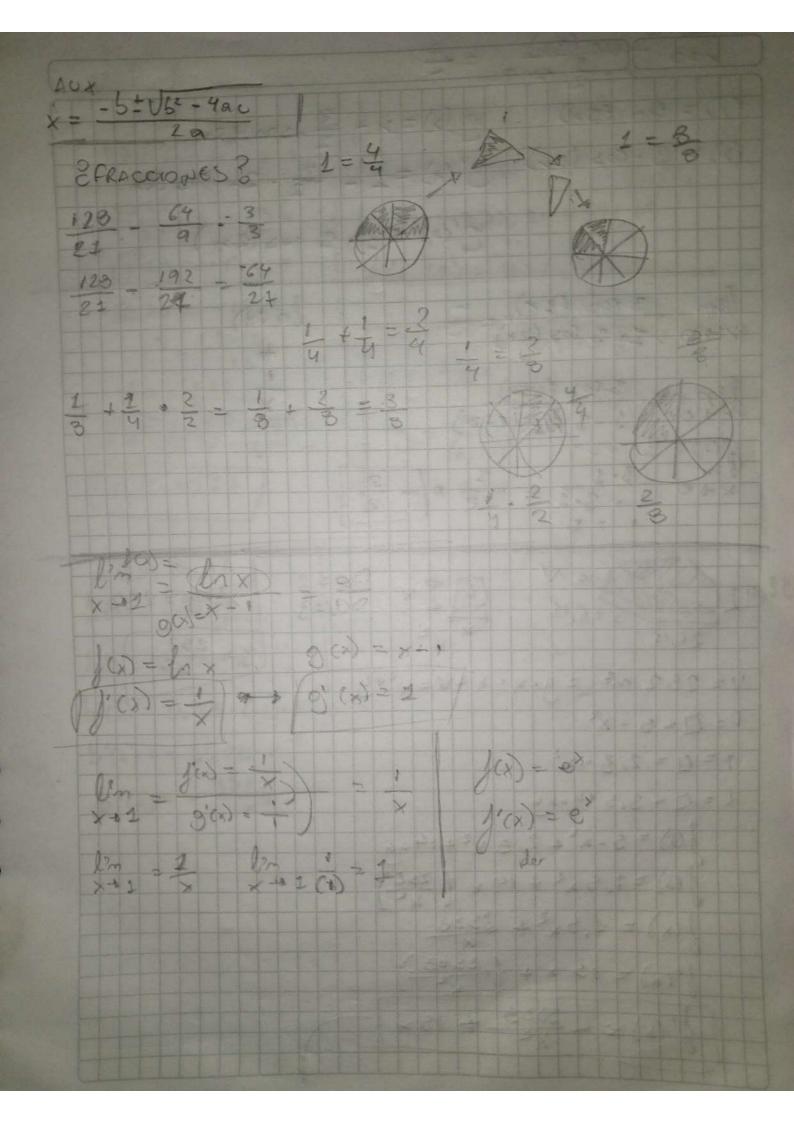
TARMIGITO TOALA GRICK GURIANG CALCULO - CLASES CON MIYAKO REGLAS REGLA - CADENA 51 f(x) = x" entorces f'(x) = n. x"-" GA-1 = DERIVE PCIDEXS 1'(x)=5x4 DERIVA JU) = 3x7 1 (A) = 21 x6 REGIA - CONSTANTE SA JUD = C DONNE CE CONSTANTE, ENTONICES JULY = 0 062 m/m (0x) = +3 DERIVAR /(x) = + J(X) = 0 1'(x) = 0 REGLA - SUMA SER VOOR (4) = x2+5x Seawar Jan = 4x2+x3 1'(x)=2x+5 (a)=12×2+2× REGLA - PROSUCCO 51 Jan = g (x) - h (x), Errances /(cx) = g(x) : hastachia DERIVER (CX) = X2 - SIN CX) 1'(x)=2x-53n(x)+x20 cos (x) DERIVER - (1) = (2x +1) - e 1'(x) = 2 · e + 2 x c + 1 e + 1'(x) = 30 x

1(4) = -x2 - y= (4) 011911 1. (x) = -2x +0 ? 12120 1'(+) = -2 @ f'(x) = 0 + C = (x + y) + c = (0,0) Max $-2 \cdot x = 0$ $= \frac{2}{2}$ $= \frac{2}{2}$ X=0 9=0 (3) /11 (x) = 0 - P. T = 0 1"(CX)=-2 (1) (x) > 0 + P. a.o. = + 111(0)=1-2 7" (4) co = P. Nos 1(x) = 2x3 - 4x3 01/62 = 6x2 - 3x 101 a)= 12 x - 3 Q / (x)=0+8=40 + C=(4/3, 464) x(6x-8)=0 + x = 0 (3)= 2(3)3-4(3)2 (3)=2-69-4.16 6x = 8 4 3 4 3 1 (4) - 123 - 64 - 64 = 9



(x) = 500 (3x) 9 (x) = x - 3 - sos (2x (x) = 3. cos (3x) 9 (4) = 2 - 32. 2. cos (2x 9(4)=1-3 005(2x) Den 3 (05 (3x) la (x) X +0 2-3 65 (2x) 120 = 3.505 (20) 230 = 1-3 cos (2.5) Im 3.1 = 3 = -3 = -3 AUX TA TX x2.9 = 252 9= 252 V= 252 m3 = 4. x . x = 7/5 x 20 6 P= 1 = 5 . X2 T= 1= 2,3 · X2 L=7-3,5 :4 . xy (a) = 5. x + 2, 5 x + 14 x4 Ja) = 2,5 x + 14 x (252) f(x) = +, 5 x 2 + 3528 1'(x) = 03 x + 1 3523 1) (x) = - 3323 + 15 x

\$ /(x)=4,5x2+ 3523 3523 + 15x = 0 { (6,12) - 1,5 (6,14) 2+ 3523 3 /(6,12) = 235, 51 + 591,79 - 3723 = -15 x · x 3 8 (6, 17) = 857,3 -35 23 = -18x3 x3 = 3523 x3 = 1 1 76 3/x2 = 3/1/76) 9 = 252 X = 6; 17 / 0 = 6,60 AUX 5(x)= 3523 5(1)= 3523 ·× 5'(x) = 35 23 - (-1) · x-3 5'(x) = - 35 23 - x-2 b'(x) = - 3523