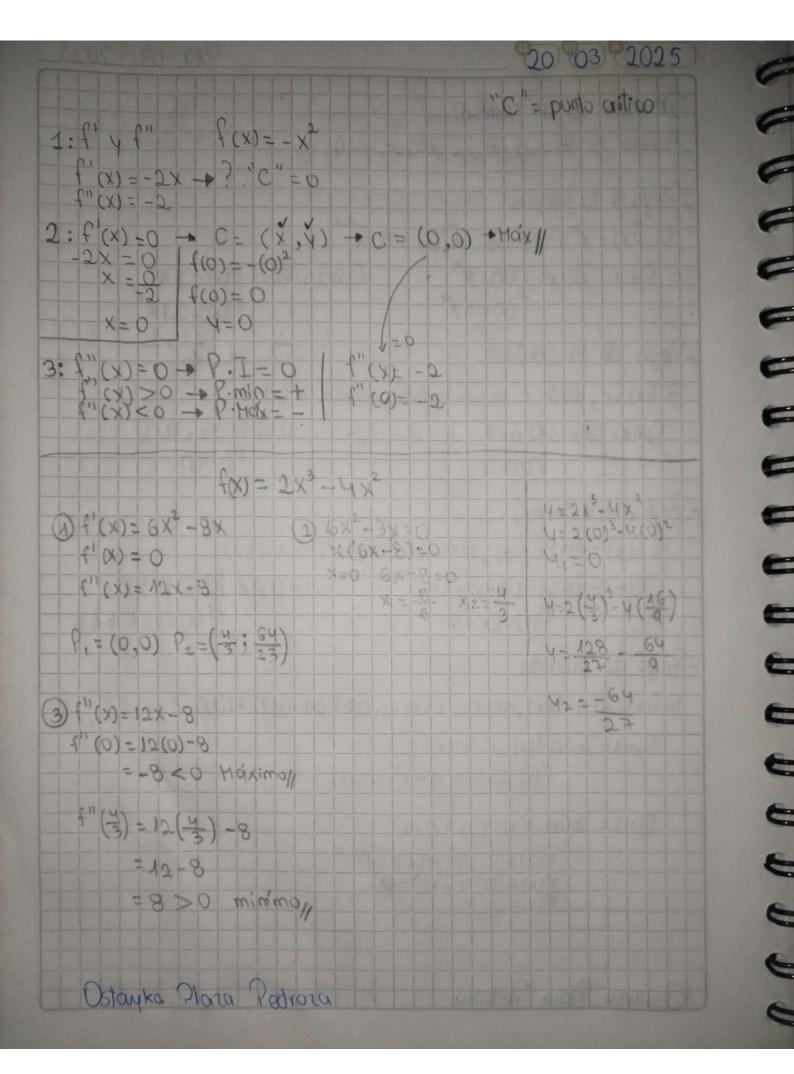
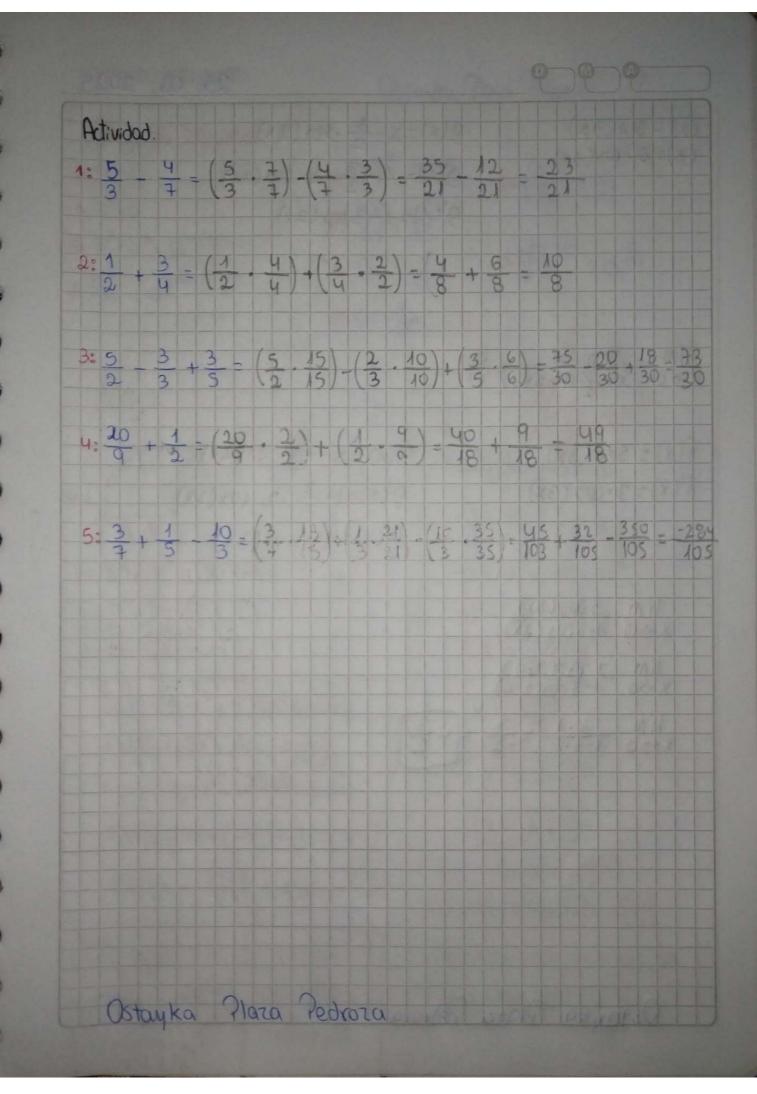
	749 03 (2025)
Derivada es un cambio.	
Siempre la derivada de una constan	e es o
- Regla de la potencia  Si fix> = x², entonces f'(x) =	D . X
Gm1 = Deriva f(x) = x s f'(x) = 5 x 4	Em 2 = Derivo · f(x) = 3x + f'(x) = 21x 6
-Regla de la constante	
Si for = c, donde c es una constante	, enfonces f(x)=0
Gm = Deriva f(x)=7 f'(x)=0	Gim 2 = Deriva f(x) = -3
Regla de la suma Si fox = g(x) + h(x), entonces (	CK) = 8, (X) + P, (X)
Gmi = Deriva f(x) = x2+5x f'(x)=2x+5	Em 2 = 303, var f(x) = 4x3+x2 f(x) = 12x2+2x
Regla del producto	
Si $f(x) = g(x) \cdot h(x)$ ; enforces $f'(x) =$ $f'(x) = 2x \cdot sin(x) + x^2$ .	
Gim 2 = Deriva $f(x) = (2x+1) \cdot e^x$ $f'(x) = 2 \cdot e^x + (2x+1) \cdot e^x$ $f'(x) = 2e^x + 2xe^x + 1$ $f'(x) = 3e^x + 2xe^x + 1$	+1)-e*





	25 03	2025
(x) = Sen(3x) $(x) = 3 \cdot 605(3x)$	$g(x) = x - \frac{3}{2} \cdot sen(2x)$	
	$g'(x) = 1 - \frac{3}{2} \cdot 2 \cdot \cos(2x)$	
	$9'(x)=1-3\cos(2x)$	
11m Sen 3x = 0 x->0 x-\frac{2}{2} sen 2x = 0		
f(x) = Sen(3x)	9(x)=x-3/2. sen(2x) =	
f'(x)=3.005(3x)	9(x)=1-3.2.cos(2x)	
	B(x)=4-3cn2(2x)	113
11m 3(05(35) x->0 4-3(05(2x)		
1/m 3 (3.0) x->0 4-3 (0)(2-0)		
11m 3.1 -3	1-3	
Ostanka Plaza	Pedroza	

