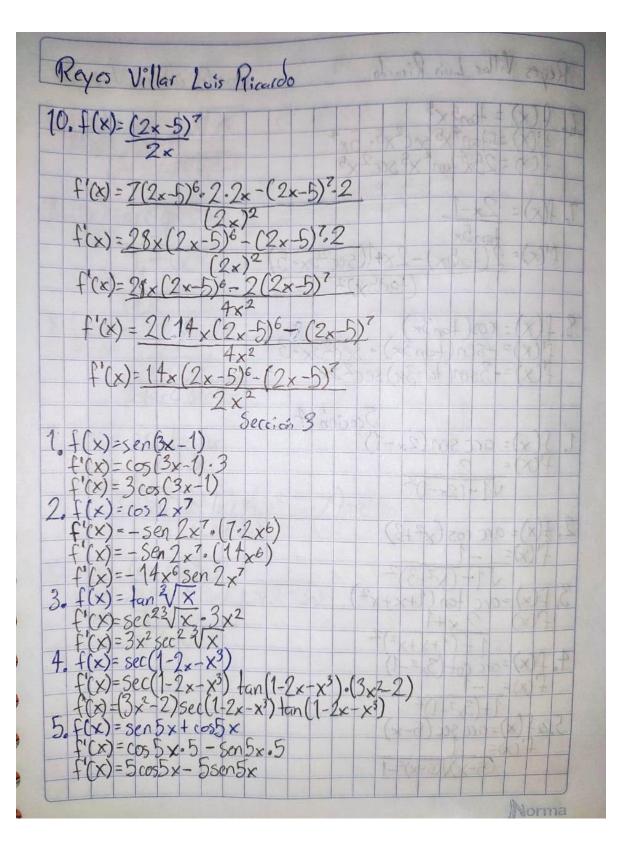
(+(x)=.	3x 3	10	4		5	ec	Cio	7	1	X	7	1	4	1
1. f(x) = -	-3-3×	= 9x	-1		-	+	+	+	20	1	1	7	7	1
2. f(x)=9	x7+2x-	6							3	X			1	1
2. f(x)= 5	7.5x6+	2 = .	35x6+	2			-	-	-	-		= 4	4	1
211	9					+		1		-	4			
3. f (x)=	¥10						1				1	=1	X)	T
f(x)=	-8-x-	10				1	X	3	X		X			
f'(x)=	-810	x^{-11}	16	()		P	1		X		1		X.)	
£.(x)=	-810	= = =	V11				2		2		7		X	17
4, f(x)=	54-2	x3+6	x-2			7-	X		X		×			
f'(x) =	4.5x3-	3.2x2	+6	7.4				- 3	5	+5	-×	3	X	1
f'(x)=	20x3-6	x2+6	5		7			1-1	Po	100	20	大	1 S	10
5. f(x)=	3									18	1	1	X	19
), + (x)-	5×5							X		3				
f'(x)=	3/1						X			18	18	20	D	1
	5 (x5	5)		- 1	8			X	C		T a		X	1
f'(x)=	3 (X)		2	14	X				1.5	1 8			B
f'(x)=	3 (-5	x-6)						3	To leave					
+ (4)-	5				->	1	P		1	-	10	9/3	()	
f'(x)=	-3						10		K	4		10	1	1
2 5 4 3	X6	10 7	5.41	Q		13			1		X	+		
6. +(x) =	4 x 4	12 x 7-	6-4- -20x	523										
+(x)=	10.4x +	61 6	20	3										

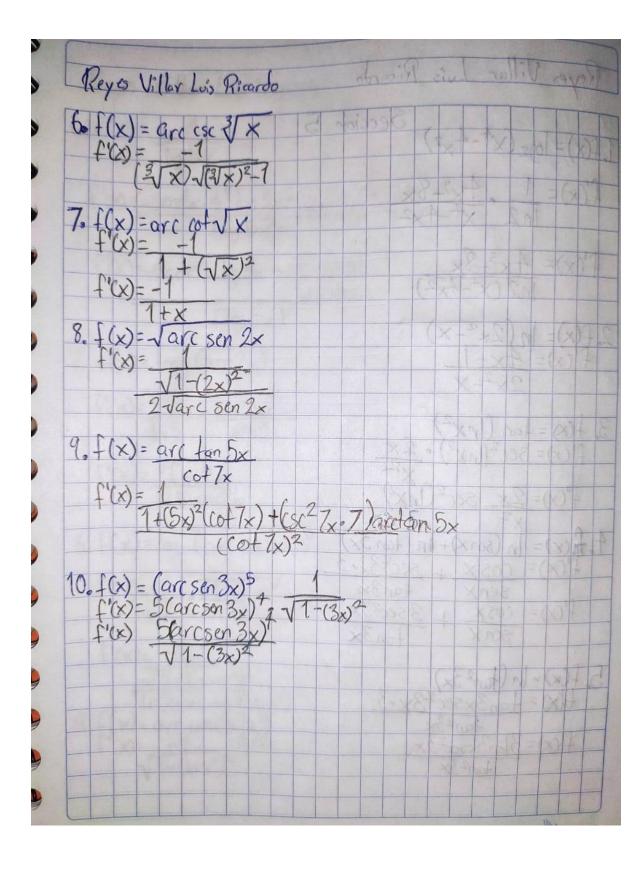
Reyes Villar Lois 1	Ricardo	A		3								1	
7. f(x) = \(\neq \)				-				1	130		16	14	
1. +(x)= X 6	272			4-	V.P		1	12	13.		(14)	17	
f'(x)= 1 -5													
6 X 6							4	2	1 5×	7	-10		
f'(x) = 1		134	A.	20	1	7	1	X	7,	1	1		
6x2												198	
6X7									1 -	1	X	11	8
8. f(x)= 1 + 1	1							oF.	V				
x x ²	X					0	100		> _	13	X	113	
f'(x) = (1-(-1x-2)	+(16-2x	-3	t (-11	-3	x-	4)		2		1/2	10	
f'(x)=-1.x-2-2	2x-3+3	A	-	0	0		1		12		13	M	
F'(X)= 1 2	2	X		1				1					PE
x2 x3 +	~		0		1	8	9	- 5	1.0		14	11	I
9. f(x)=3x-5+2x-3										-	N		
['CX)=(5.3x-6)+(-30x-+)							8	N		1	10	
f'(x)=-15x-6+(-	6x-4)		Na.										
f'(x)=-15 6									18		1/3	1	
X6 X	1 3		na ya						L.				
10. $f(x) = 3x^3 - 3^3$	X+ X3-	3					1	1	2		1x	T	
F(x) = 9x2-3x=	+ 3 - 1						13	-/	7				
f'(x)= 9x2- x-3	X3						1		0.5/10				
f(x)=9x2-1	+ 3. x-3								3				
3/x2	1					1-	63	-)		71	X		
f(x)=9x2-11	9-X-											ME	
*/ X^									0		X		
f'(x)=9x2-1	9							3	X				
1×2	XF	18	+	6	2	1 7	1+	ω,	+	= 1	X		
		Byd.	44		2.5	101	+1	4	-()	7	Y)		
		8	75	6	-91	CH		- P3	0	1	X	190	
									1				

Reyes V					7	T	T	T	T	F	T		F		T	7
1-(4)11	V2, 211	.31	1) ec	cion	1	-				1	1	-		1	+	+
1. f(x)=(f'(x)=	219	X T	1	3+1	12×	1	1	18	1-	1	-		3 -	CK	10	1
f'(x) =	3×4+6×	1 + 2	V+J	9 x			1	T.	1 X							+
t,(x)= t,(x)= t,(x)=	5×+6×	2+2	×					1	15			80		(10)	1	T
								7(1-	K	1				1	
2. f(x) = f(x) = f(x) = f(x)	$(x^{4}-1)$	$(x^2 +$	1)						10	1	1	-	1	70	1	1
+(x)=	$(x^{+}-1)2$	x+1	x^2t	1)4	× 3					100	X	1		-	1	1
+(x)=2	x5-2x	14x	442	C3				1	1	1	1	1	1 -	X	1	-
+(x)=	6x5+4>	13-1	X						17		M	0		I	11	-
3. f(x)=	1						0	(x		R	7.	17		10	17	150
	3x2+1		3	81 -	E XO		16			184	17	17	1	K	1	100
f'(x)=	13×2+1)-1		X &	100	1	T		8		A	IA.	-(K	1	1
f'(x)-1	(3x2+1)-20(ox	3	- 50				The state of		W.	10		X	17	
f.(x)-1	6x (3x2.	+1)-2	×	120			4									
+'cx) -	-6X	2	+6	x 1,18	TX			13			ecg.	Del	= (X	18	
	3x2+1)					- 1	7	4.	3	5		13				15
4.f(x)=	2					d	14	1	100	- A	1	X		X	1	JE
10 (1)	5x2-1	1				+ 0			- 0%	5 5	25	37-		XX	4	
f'(x)-2	(5x2-1) - (1.5													
f'(x)-2	(5x2-1)-2	10	X	(Bb		50		3	- >	10	7.	=6	0		
+(x)/	0×			18		-		TO				7				-
5.f(x)=	×-11				113	36	25/2			Pa	X	1	30	1		
Jo ICA	x+1											7	1	Y	1	
f'(x)=	1. (x+1)-1(x-1)				14	3		7	7		1		
C'C.A.	0 (X	+1)2		7											1	-
+(x)=	132											-	-		4	-

G. $f(x) = \frac{2x-1}{x-1}$ $f'(x) = \frac{2(x-1)}{2(x-1)} - \frac{(2x-1)}{2(x-1)^2}$ $f'(x) = \frac{2(x-1)-(2x-1)}{(x-1)^2}$ $f'(x) = \frac{2(x-2)-2x+1}{(x-1)^2}$ $f'(x) = \frac{(x-1)^2}{(x-1)^2}$ $f'(x) = \frac{(1-x)^2}{(1-x)^{-1}}$ $f'(x) = \frac{(5x^2-3\sqrt{x})^4}{(10x-3x^2-2\sqrt{x})^4}$ $f'(x) = \frac{5(5x^2-3\sqrt{x})^4}{(10x-3x^2-2\sqrt{x})^4}$ $f'(x) = \frac{5(5x^2-3\sqrt{x})^4}{(10x-3x^2-2\sqrt{x})^4}$ $f'(x) = \frac{5(5x^2-3\sqrt{x})^4}{(10x-3x^2-2\sqrt{x})^4}$ $f'(x) = \frac{5(2x^2-3x+1)^{-2}}{(2x^2-3x+1)^{-2}}$ $f'(x) = \frac{3(2x^2-3x+1)^{-2}}{5\sqrt{2}(2x^2-3x+1)^{-2}}$ $f'(x) = \frac{3(2x^2-3x+1)^{-2}}{5\sqrt{2}(2x^2-3x+1)^{-2}}$ $f'(x) = \frac{3(2x^2-3x+1)^{-2}}{5\sqrt{2}(2x^2-3x+1)^{-2}}$ $f'(x) = \frac{3(2x^2-3x+1)^{-2}}{5\sqrt{2}(2x^2-3x+1)^{-2}}$ Keyes Villar Lois Ricardo



Reyes Villar Luis Ricardo	ob	نددا	31	Cit	1	10	13	1	01	10	
6. f(x) = tan5 x5 f'(x) = tan+x5 sec2x5. 5x+ f(x) = 5x+tan+x5 sec2x5	F				1	X	4.12		(X)		M
7. f(x) = 2x-1	X X	100	5		30	1	8		(X)	13-14	
$f'(x) = \frac{\tan 5x}{2(\tan 5x)} - 2x + 1(\sec^2 5x)$ $(+\cos 5x)^2$ $8 \cdot f(x) - \cos(1 - 3x)$		13	X		-×-		N. Y.		3)	1	
8. $f(x) = cos(tan3x)$ $f'(x) = -sen(tan3x) \cdot sec^23x$ $f'(x) = -3sen(tan3x)sec^23x$				T X	0)	A _x		(x	19		
1. $f(x) = arc sen(2x-1)$ f'(x) = 2 $\sqrt{1-(2x-0)^2}$		10.3				X 2 1	100	200	(×	11/11/11	0
2. $f(x) = arc \cos(x^2+3)$ f'(x) = -1) .	7	2 2 2	20	1 1 1 1	XXX	177	2
3. $f(x) = axc + axc + (1+x+x^2)$ f'(x) = 2x+1 $1+(1+x+x^2)^2$			X2 X2	0.	XXXX	X X X X X		7 7 7	SK KK	1	000
4. $f(x) = arc \cot(3x^2 - 1)$ f'(x) = -1 1+(3x ² -1) ² 5. $f(x) = arc \sec(5-x)$	1-1) (Ya)	1/2	XX	24	THE	1000		XXX	立ちな	4
$f'(x) = \frac{f(x) = G(x) + G(x)^2 - 1}{(5-x)\sqrt{(5-x)^2 - 1}}$	2.	×C ×C	X O		4	XX	40	3 = 1	XX	はは	



Reyes Villar Luis Ricardo	Lyo Viller Los Promis
1.f(x)=1092 (x+-4x2) Sección 5	X V >P2 hill = (X)
$f'(x) = 1$ $4x^3 - 8x$ $1 + 2$	DECKEL X F
	XVTOTAL
$f'(x) = 4x^3 - 8x$ $1n2(x^4 - 4x^2)$	1 1 - QT
$2 \cdot f(x) = \ln(2x^2 - x)$ f'(x) = 4x - 1	X 102 DD - COL
$2x^2-x$	2 0 6 5 1 V 1
3. $f(x) = \tan(\ln x^2)$ $f'(x) = \sec^2(\ln x^2) \cdot \frac{2x}{x^2}$	140 = Q14
$f'(x) = \frac{2x}{x^2} \sec^2(\ln x^2)$	(1 o) 2 (a) 1 a (a) 1
$4.f(x) = \ln(\text{sen}x) + \ln(\text{tan}3x)$ $f'(x) = \frac{\cos x}{\cos x} + \frac{\sec^2 3x \cdot 3}{\cos^2 x}$	1465
$f'(x) = \cos x + 3 \sec^2 3x$ $5 \cos x + 4 \cos 3x$	1(x) - (a) sn 2) +
5. $f(x) = \ln \left(\frac{1}{\tan^2 3x} \right)$ $f(x) = \frac{1}{\tan 3x} \frac{3x}{\sec^2 3x}$ $f(x) = \frac{3}{\tan^2 3x}$	
tan23x	

