## EUDS Mi Universidad

Nombre del Alumno: Angel Esteban Pinto Arizmendi

Nombre del tema: Problemario

Parcial: IV Unidad

Nombre de la Materia: Calculo

Nombre del profesor: Juan José Ojeda

Nombre de la Licenciatura: Enfermería

Semestre: 4 Semestre



	Mi Univ
	VERYGREEN
	Problemario
	= 2x3 - 6x2 - 7711
7	1'26x2-2x-11
2	11 23 . 7 - 3
(3)	$y = \frac{11}{4} \times \frac{1}{3} \times$
À.	= 4 × + 3 ×
3.	- 11 2 2 / 2
	$y = 11 - 2x^2 - 6x^3$
	A.5 = X - = 10 X
4:	y = x2-8x Vdu - vdv
U=	
	1 dv=2x-8 (x2-8x)?
	v2 = (x2-8x) 9' = x2-8x-2x2+8x - x1
	5 (x2-8x72 (x2-8)
5z y	2 7x-4
0 = 5	V 2 3x-4
du = 0	dv= 30 y'=(3x-4)(0)-5(30)
	$(3x-4)^{2}$
	= (3x+2) (2x+1)
	x+2 y=2x-1 y=3(2x-1)2(3x+2)
	$dv=2 \qquad (2x-1)2-(x-3)$
	V2 = (2x-1)2 (2x+4)
	(2x-1)2
	$\frac{56x-3-6x-4}{(2x-1)^2}$
	(1x-1) c
	2-7 (2x.)2
P. S. A. S. Contract of the Co	



	VERYGREEN
	VERIGREEN
7, yz (3x2+1)	1= (2x)(6x)-(3x2+1)(2)
42 42 2x Y	$(2\times)^2$
	- 22-6x1+2=6x2-2
1	42 42
V 1	2 2 - 7x2 y1: x2+10x-4 (4+x2)2
8= y= (1+1x)2	(4 * X2)
	1+2x)2-(2)
h= 2 y'= 4.0	
h-1 = 1	
dv = 2	
10= y= 3 x1 - 3x7 8 3 d (x1) - 3 = 5	Jx (x) + Jx (8)
3 7x -	3 (1)
6 3	
2×2 5 × - 3	THE RESERVE OF THE PARTY OF THE
TIS yz Tan x2	
Uz 2x2 Vz Tanx2	y'= 4x Tan x2- 4x3 xec2 x2 (Tan x2)2 y'= 4x (Tanx2- x2 sec 2x2)
dua 1x dva2x sec2x2	(Tan x2)2
v2= (Tan x2) 2	4, = 4x ( 100 x 5- x 2 200 5 x 3)
	(Tan x2)?



1	VERTGREEN
1	
	12: yz 3x2 Go + 3x2  N = 3x2 N= 600 3x2  du=6x dv=6x 5co 3x2  y'=3x2 (-6x sen 3x2) +6x(co) 3x2  y'= 18x3 sen 3x2 + 6x 600 3x2
	13 2
	y'= (3cn x2) (-2x 3cn x2) + (605 x2) (2x c05 x2) y'= (3cn x2) (-2x +1)+ (605 x2) (2x+1)
	15 z $y = \sqrt{2x^3} \cos x^2 = \sqrt{2x^3} \sqrt{\cos x^2}$ $v = \sqrt{2x^3}  v = \sqrt{2\cos x^2}$ $v = \sqrt{2x^3}  v = \sqrt{2\cos x^2}$ $v = 2\cos x^$
	$y_1 = \sqrt{2}x^2 \times 5enx^2 \qquad y = \cos x^2$ $y_1 = 3\sqrt{\cos x^2}$



	ER GREEN
162 y= 12x3 sen 2x	
U2 (Sec 2x) 2	
dust (see 2n) . 2 see 2x . Ten 2x	
dus sec 1x - Tan 2x	
Notes 2x	11/1/2/2/2/2
y1=31x . Je6 2x . Tan 2x 7 3 1x 5	sec 2+
Vocc 2x	
y1=3 Jx sec 2x tun 2x	
y'= \Je= 2x + 3 \J x \Je= 2+	
172 y 2 2x3 \5x5	
$u = 2x^3$ $V = \sqrt{5}x^5$ $duz 6x^2$ $duz 13x^2$ $= 15x$	
$\frac{1(5\times^{3})^{1/2}}{2\sqrt{5}\times}$	
$y_1 = 15 \times \frac{3}{5} + 6 \times \frac{2}{5} \times \frac{3}{5}$	
N5 22	
The state of the s	E
18= y=4 xc 2x4	
y = 4 sec 2x4 tun 2x4 0x (2x4)	
y1= y (8x3) sec 2x1 - tan 2x1 y1= 3 2x3 sec 2x1 tan 2x1	
yiz Dix sec (x fan ix	



	VERTGREEN
19= y= (cos 2x)3 V= cos 2x3	(cos 2x3)2. (-6x2 sen 2x3)
n: 3	
n-122 y12-1 dv2-6x2 sen 2x3	8 x2 (cos 2x3)2 Sen 2x3
1	
20 = y = ( sen x2) 2 y=(s	$(2n \times 2) - 2$
n = - C n - 1 = - B	2 × (05) ×2
	1 x cos x2) (sen x2)3
y'=4x co:	$5x^2 (sen x^2)^3$