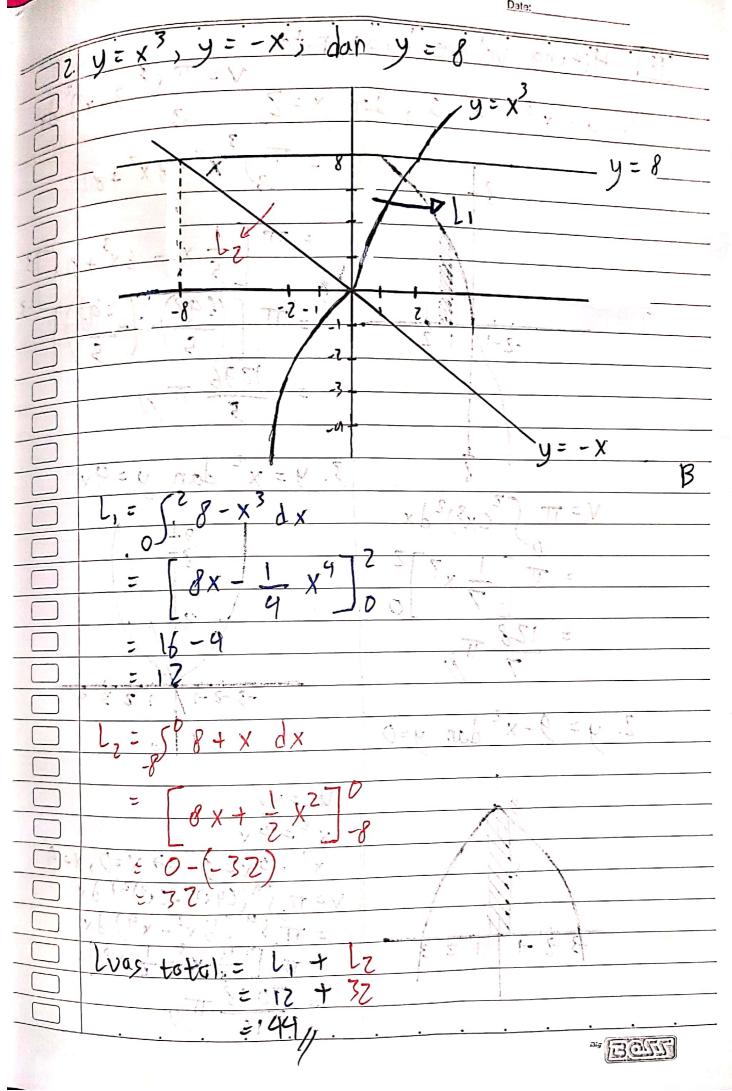
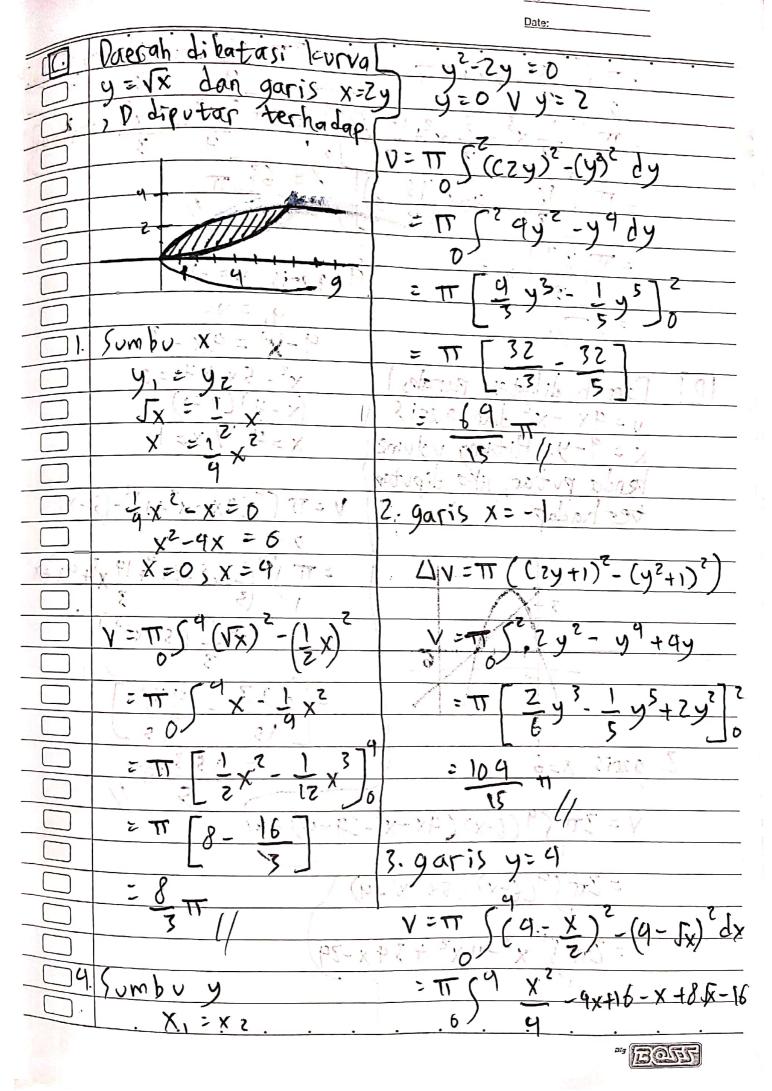
Date:
Nama: Ardes Zubka Putra
NPM: 140810210009
Kelas: A
7 21.
TUGA (11)
Aplikasi Integral
my lipas, tyregiat
(A) Gambarkan dan hitung Ivos daerah yang dibatosi ole
(A) Gambarkan dan hitung Ivas daerah yang dibatosi ole
y; = x ²
7 55 3
$\frac{1}{2} \frac{1}{2} \frac{1}$
y= x+2
1 1/2 (1-xi) + 1/2 (1-xi) = (xxxi)
y=y)= (2+4-8) [1-2.1]
72 - 4 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
(x-2)(x+1)(6)(7-7)
_ 2
$\frac{1}{\sqrt{2}+2x-1}$
2/3/1
- Factor



			<u>Da</u>	ate:
[S.]	Hitung volume bende	n. putar	VE T	$(3(9-x^2)^2)$
	y=x3, y=0, da	S = X	_3) C) NO ON
		E TT	3 q	18 x 2 + 8 l
	8			
		= 11	$\left(\frac{1}{5}\right)^{\frac{1}{5}}$	5-6x3+81x73
		7.7	[1698	(698)
	-2-1/12		5	/ (5/)
		= 1	296 TI	//
	V - = 1/	100	>	1/
8	8	3. 4= >	2 dan	y=4x
	$V = \pi \left(\frac{z}{(x^3)^2} \right) \times$	76	X - 5 5	7 = /-
	6) 0,727		9-	
	= T - x / 0 0	1 7 2	- × €.	- /=
	= 128 T.		1. 4	·/ ·/
	7 11/			
			-3-2-1/	1234
2.	$y = 9 - x^2 dan y = 0$	XE	· · /	_4
				Υ,
	9	11-72 x2=4	· · ·	-
		x^2-4	x x=6	>> x=0, x=9
		VETT	$((9x)^2$	$-(x^2)^2$) ∂x
		= 11.5	4 (16 X2	- x4) dx
	13-2-1 123	ं ग	10 X	- 1 x 5 0
		- ZO	48 TT	77
	· · · · · · · · · · · · · · · · · · ·	1	15. !	Sic (Food Sect (our Con))
				Eig BORG



	<u>Date:</u>
	=TT (X = 1 × +39 X
	0) 4 1/1001
	- TT [1 x3 - 5 x2 16 3/2 9 = ZTT [X9 - 11 x3 + 17x2 70x]
	12 2 3 0 4 3
	- TT [16 0] = 63 TT
	3 7 3 / 2 //
	= 11 297
	3 4. garis y=-1:
	= 8 17/2
	$4-x=4x-x^2$
<u> </u>	D = 1/5: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	y= 4x - x2 dan garis (x-4)(x-1)
	x = 9-y. Hitung volume x=4 Vx=1
	benda putar, jika diputar
	terhadap = x 2100 S V=TT (9(9x-x2+1)2-(5-x)
	0
	=TT 1 x5-7x4 19 x3+4x2+X
	5 x - 1x + 11 x + 7 x + 1
	1 2 2 3 3 4
	(5-x)
	garis x=6 pm = 153
	$V = 2\pi \left(\frac{9(6-x)(4x-x^2-(4-x))dx}{4x-x^2-(4-x)} \right)$
	$V = 2\pi \int_{0}^{q} (6-x)(4x-x^{2}-(4-x))dx$
	= ZT (9(6-x) (5x-x2-9)
	$= 2\pi \int_{0}^{4} (6-x) (5x-x^{2}-4)$
× FLI	17-7-154 3 11 12 3 7 7 7
	$= 2\pi \cdot \int_{0}^{1} x^{3} - 11 x^{2} + 39 x - 29$
11 21 .	C-HARD X MITTE
	Eig FERTER