	Date:
	Nama: Ardes Zuka Putra:
	NPM: 190810210009
	10 111 (000 1000)
	Kelos: A
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-	TUGAS ID (INTEGRAL)
	VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
	Carilah anti turunan f(x)+C
	->) (v) 2x dv
<u>—</u>	F(x) = 3x2+10x+5
	(FCX) = \(\frac{3}{3} \times \frac{2}{10} \times \frac{1}{5}
	= 3x + 5x + 5x + C
	1
	2 x 3 4 5 x 2 4 5 x + C / =
7	E(V) - x2(70 47-7 x) (1)
_ 	F(x) = x2(20 x 7-7 x +6) = 20 x 9-7 x 7 + 6 x 2
	E LOXATIAN TOX
	(======================================
	SF(X) = \ ZOX -7X + 6X2
	$= 70 \times 10^{-} - 7 \times 0^{+} + 6 \times 0^{+} + ($
	10 7 3
	- 7.8 - 7 X3+C
	R S X S S S S S S S S S S S S S S S S S
	0.
7	-3/2
2	Fcx) = x 19
	3/0
	Sfcx) =) x
	-3/9+1
	= X + C//
5	1/4
7	
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	Date:
	Selesaikon integral tak tentu berikut
	Selesaiton integral turitation
<u></u>	((x ² -4) 2x dx
) (x 29) 2 x ax
	misailie 10 = x2-4: du = 12 x dx
	misalie U= x -4. du = cx ox
	ZX
	Conibin and through from
	=) (U) · 2x. du 7x 2 + y. 0(4) y 5 < (x) 4
	= \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	= 1 10 9 10 3 10 3 10 5
	4 × 1 + × 1 + × 1 + × 1
	= 1 (x2-9) 4 (, 1)
	Q (X = 1) 4 C
	(): EVE TURETED - EVEZ E
<u></u>	(x2-3x+2)2(2x-3)dx
	> (
	misal: v= x2-3x+2 / dv = 2x=3 dx
	$\frac{1}{2}$
	2+5x = 25.5 = 01. 5
	-> >(u) . Zxz, dv
	7×3
	1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 = 1 =
	3
)= (x2-3v+7) 11 (x (= (x3))
	3
	Dx x100 = 1 = 4 1 x x

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	Hitung 55 FCX) dx
	0 149 01
75	F(x) = (x+7,06,417)
	FCX) = \(\text{x+2}, 0 \in \text{x} \in \text{Z} \) \(\text{6-x}, \ \text{Z} \in \text{x} \in \text{X} \)
	(b-x), ce xes
	(FCX) = (2/1)
	5 FCX) = 05 (x+2) dx + 25 (6-x) dx
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	2 0 7 2
	$= ((2+4)-(0))+((30-\frac{25}{2})-(12-2))$
	= 6 + 15
	Z
	= 27 = 13 - 2 2/1
	S(v) - 1 v - 1 (v) v 7 1
	F(x)= 1x-1)= 5 x-1, x > 1
	(-(x-1), x < 1
	5
	$\int F(x) = \int -(x-1) dx + \int (x-1) dx$
	$= -\frac{1}{2} \times^{2} + \times \left(+ \frac{1}{2} \times^{2} - \times \right)$
	2 0 2
	$=\left(\left(-\frac{1}{z}+1\right)-\left(0\right)\right)+\left(\left(\frac{25}{z}-5\right)-\left(\frac{1}{z}-1\right)\right)$
	1 . 2
	- t d
	<u> </u>
	7 1/
	= 8 = 11
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