

and the state of t	No Date
maka semuax xzo merupakar	2. a) [ = 5
himpunan penyelesaian untuk	p.(1,-5)
x2-x+2 >,0	x = 2 , y = ?
HP = 5 = 00,03	* Persamaan lingkaran
, maka himpunan penyelesaian	$(x-1)^2 + (y+5)^2 = 5^2$
dari pertidak samaan	x2-2x+1+y2+10y+25-25=0
2121 - 12 - 21 co adalah	$x^2 + y^2 - 2x + 10y + 1 = 0$
HP - {x   - 00 } x & - 13	* untuk x=2
	22 + 42 - 2(2) +104 +1 =0
d) 12x-31 < 1x+21	y2 +10y+1
122-31-12+21 60	91.42 = -10 ± 100+4
THE PROPERTY OF THE PARTY OF TH	2
$(2x-3)-(x+2) \leq 0$	= -10 + 196
£-5 €0	2
χ ≤ 5	= -10 ± 4√G
A PANASA TAMBAT A FAMILA CATALA	2
-(2x-3) - (x+2) 50	-5 + 216
-2x+3-x-2 60	y1 = -5 + 2 16, y2 = -5 - 216
-3x +1 60	
-3x 6-1	B) Pers linguaran yo mempunyas
x > 1	potongan garis dari (1:3) ke (7:11)
3	sbg garis tengahnya?
*uji titik	a Titik pusat lingkaran (h,k)
The second secon	(1+7 3+11) = Titik pusat (4,7)
A/1 - (/+/)	2 2
5	$d = 2r = \sqrt{(7-1)^2 + (11-3)^2}$
· 3	$\sqrt{G^2 + 8^2}$
p: {x e F, x >, \frac{1}{2} atau x < 53	$=\sqrt{10^2}$
3	2r = 10
	r = 5
	* pers. lingkaran
	$(x-4)^2 + (y-7)^2 = 5^2$
	$(\pi - 4)^2 + (y - 7)^2 = 25$
	The second secon

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c) x2 + (y-3)2 = 5	3. Fungsi genap atau ganjil
$(x-0)^2 + (y-3)^2 = 9$	a) $f(\pi) < \chi^3 + \chi$
10 pt 4 color (2) (1) (1)	$f(-\tau) = (-x)^3 + (-x)$
Dr r = r cos B	7-43-2
y = r sin 8	$= -(\chi^3 + \chi)$
THE RESERVE OF THE PROPERTY OF	f(-x) = -f(x)
2 (r cos 8)2 + (r sin 8 -3)2 = 9	Fungsi ini merupakan fungsi
r2 cos2 8 + r2 sin2 8 - 6 rsin 8 +9 =9	gamil
12 cos 2 8 + 12 sin 2 8 - 6 1 sin 8 = 0	b) f(x) =  x
r2 (sin 2 9 + cos 2 8 ) - Gr sin 8 = 0	f(-x) =  -x
12 (1) - 6 r sin 8 = 0	e [-]](x)
r (r - 6 1597 19) = 0	= 1.1x1 = 1x1
r - C sin g = 0	f(-x) = f(x)
r = 6 sin 19	Fungsi mi merupakan fungsi gene
atau	c) t(x) = x + cozx
Lingkaran dan titik pusat (0,9)	\$(-x): (-x) + (vs (-x)
r - 29 sin 8	= -x + cos x
TITLE PUSAT (0,3)	6(-x) 4 6(x)
r: 2(3) sin 0	Funger int bukan merupakan
r=ban 8	fungsi genap maupun fungsi gan
	3. Definisi turunan
d) $y^2 - 4x = 0$	a) Kemiringan garis singgung terha
	$y = \chi^2 - 2\chi$ di titik (2,0)
y x - r cos 9	=) d y = d x2 + d (-2x)
y=rsin 0	dx dx dx
	= 2x - 2
=) (r sin 4)2 - 4(r cos 4) = 0	$x=2 \rightarrow y= m=2x-2$
12 fin 2 0 - 4 r cos 0 = 0	= 2(2) -2
r(r sin 2 9 - 4 cos 9) = 0	m = 2
r stn2 0 - 4 cos 0 = 0	b) f(t) = 1 t2 +1 gram
	merupakan berat bauten saat t
	Jam
sin 2 g	Laju perkembangan saat t: 2 jar
7 4. 650. 1	
F. = 4 Cot D. CSC D	

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d f(t) = d 1t2 + d 1	(cos (zy²). y²
dt dt 2 dt	2 Van (xy2)
· Lift et	
A STATE OF THE STA	-) d²y [rin (xy²)
t=2 - 1 = 2 gram 1 jame	dx²
THE RESIDENCE OF THE PARTY OF T	dy [sin (xy2) = dy cos (xy2) . y2
c) can dy dan dzy dań	de de 2,50 (xy2)
dx dx <sup>2</sup>	dy (0s(xy2).y2
	dx 2 Van (xy2)
.) dy (y3 +7y-23)	= -244. Sin(2y2)2+ cos (xy2)2.9
da da da da da	4/sn(xy2), sn(xy2)
= - 3x <sup>2</sup>	
.) $d^2y (y^3 + 7y - \chi^3)$	4. 14 11 1. tulisan = 50 cm
dz²	L kertas = xy
-> dy (y3 +74-x3) = dy -3x2	. 2 50 × 9
dx dz	THE RESERVE OF THE PARTY OF THE
dy -3x2	x x x x x x x x x x x x x x x x x x x
dœ	v luus tuisan
= -6x	(x-47. (y+8) = 500
(2) x3y4 -1 = 0	14 - 8x - 4y + 32 = 50 = -50
.) dy x³y4-1	ny - 8x - 44 - 18 = 0
dx	x(y-8)-4y-18 =0
3x²y4	x = 4y +18
.) d <sup>2</sup> y x <sup>3</sup> y4-1	y-8
dx <sup>1</sup>	* Luas xertas
=) dy 234 -1 = dy 3x24	f(y)=xy= 4y+18.y
dr dx	y-8
dy 3x <sup>2</sup> y <sup>4</sup>	= 4y2+18y ->u;u'=8y+1
dx	y-8 → v; V' = 18
= 6xy4	* L kertas seminimum mungkin
	$d f(y) : 0 \rightarrow u'v - uv'$
$y = \left( \sin \left( \gamma y^2 \right) \right)^{\frac{1}{2}}$	dy v <sup>2</sup>
.) dy (sin (xy2))	(8y+18)(y-8)-(4y2+18y)(1)) =0
dz	(y-8)2
= 1.92 (cos (xy2)). (sin (xy2)) = 2	842-464-144-(442+184)=0
	y2-164+64



