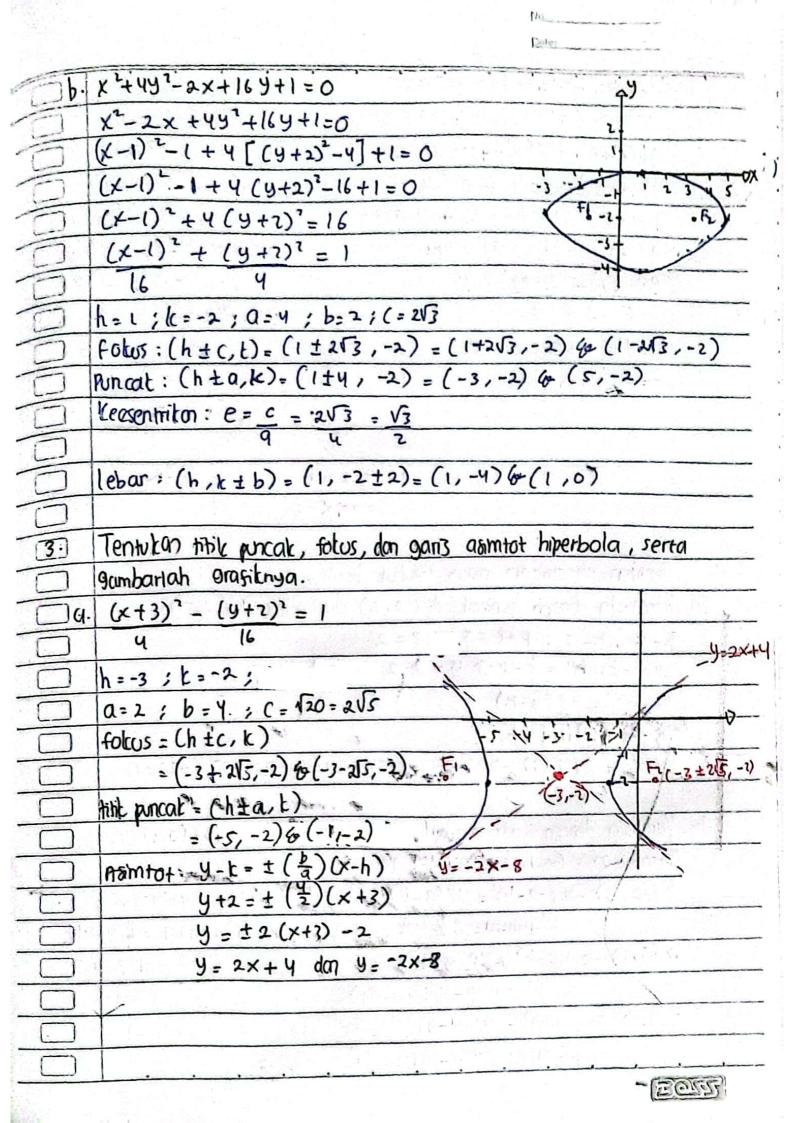
KELOMPOK 8

1.	Farik Firsteadi Haristiyanto	G1401211077
2.	Uiwang Nur Thoriq	G1401211020
3.	Much Fajrin Sepranjani Fatah	G1401211022
4.	Dindana Fitriani	G1401211034
5.	Febri Dwi Cahyanto	G1401211049
6.	Adinda Putri Alfira	G1401211060
7.	Fadly Mochammad Taufiq	G1401211077
8.	Angel Martha Pradina Pangaribuan	G1401211105

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	Tugas Responsi
	E COMP - THE THE PARTY OF THE P
1:	Tentukon titik puncak, fotus, dan direktriks dani parabola, senta
	gambarlah grasiknya.
Q.	$(x+2)^2 = 5(y-1)$
	h=-2; t=1; 8=4P-DP=2 F. 13+
	titile puncale: (h,k) = (-a,1)
	fotus: (h,p+k) = (-2,3)
	diretrits: y=k-p=1-2=-1 -2-1
b	$4x^{2}+16x-16y+3z=0$
	4(x2+4x)-164+32=0 h=-2; K=1; P=1
	4[(x+2)-4]-164+32=0 focus: (h, P+k)=(-2,2)
	4(x+2)-16-169+32=0 fitile puncal: (h,t)=(-2,1)
	4(x+2i)-(-y)=-16 diretrits: $y=k-p=1-1=0$
	4(x+2)2=-16+164
	(×+2)2=4y-4
	(x+1) = 4(9-1)
	-2 -1
2.	Tentulon titil puncal, fotos, don tessentritun dari elips beritut, serta
	gambarlah grafitnya.
<u> </u>	
	h=-3; t=-2; a=4; b=2
	$c = \sqrt{a^2 - b^2} = \sqrt{16 - 4} = \sqrt{12} = 2\sqrt{3}$
	Ookin ((h + a) (2 a + a G)
	puncat: (h, k ta)= (-3, -2 ± 4) = (-3, -6) & (-3, 2)
	keesentritan: $e = C = 2\sqrt{3} = \sqrt{3}$
	a y 2
	lebar: (h + b, t)= (-3 + 2, -2)
	= (-5,-2) (-1,-1)



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	9x1-1691+54x +649 - 127=0	
	9x +54 x - 169 +649 -177 = 0	$Puncak = (h \pm a, k)$
	9(x1+6x) - 16(42-44)-127-0	-(-7,2)dan(1,2)
-	9[(4+3)=9]-16[(9-2)=4]-177=0	focus = (h ± C/K)
-	9(x+3)2-81-16(y-2)2+64-127=0	=(-8,2) dan(2,2)
	g (x+3) = 16 (y-2) = 144	asimtof: $y-k=\pm(\frac{b}{a})$ (x-b)
	$(4+3)^2 - (9-2)^2 = 1$	y-2= ±(3)(x+3)
	16 9	ラリ= る×+13 シリ= -まx-1
	a=4; b=3; c=5	44 - 4 + 17
	h=-3; t=2	
	FI	FZ FZ
	(-\$12)	(2,12)
	78 -7	12
	y=-₹x-	<u>1</u> Y
	- planting things must be side.	Actions the Color
4.	Tentitan persamaan inson terucut beritut	Approved Actions
a.	Parabola dengon puncak di (2,3) don f	olus di (2,5)
	1 2 · 1 2 · p+1 =5 -0 P=2	
	diretriks: $y = k - p - 0$ $y = 3 - 2 - 0$ $y = 1$	Maljaka and Later
	(x-h) = 4P (y-t)	
	$(x-2)^{2} = 4(1)(y-3)$	1 - 34 / · · · · · · ·
	(x-2) = 8(y-3) -0 x -4y +4 -8y +24 =0	1 -0 x = 179 +78 = 0
		with (= a) (= =) (1 a)
	Parabola dengan sumbu vernital, serta melalui	Hit (-2,3) (0,3) (1,9).
	Persamaan: G-h)2 = 4P(y-t)	#Flimi nas (I)dan (a)
	•) (-2,3) -0 (-2-h)2= 4p(3-t)	# Elimi nas (1)dan (2) h 2+4+4 = 12P-4PL
	h2+4h+4=12P-4Pk(1) => (0,3) => (0-h)2=4P(3-12)	h = 12p-4pt -
	h2 = 12p-40/c(2)	4h = -4
) (1,9) -> (1-h) = 4P(9-k)	h = -)
	h^-2h+1=36p-4pt(3)	

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		Date
	#subtitusi hai le (2)	# Subtrus halle (3)
	(-1)=128-40K	(-)2-2(-1)+1=368-40E
	1 = 12p - 4pt (4)	4 = 36 P-4Pk LS
H	# eliminasi (4) dan (5)	# subtitusa: te (3)
	36p-4Pk = 4	36p - 4pt = 4
	12P-4Pt = 1 -	4p(9-16)=4
5	24P = 3	4. & (5-K) = 4
5	P= 1	(9-k) = 8 -ot = 1
T	8	
T	h=-1; t=1; P= 8	
	(x-h) = 4p(y-t)	James J.
一	(x+1),= A(\$)(A-1)	
5	(X+1) = 9-1 -7 x2+2x	$+1 = 9 - 1 - 2x^{2} + 4x + 2 = 9 - 1$
	2	2 -0 $2\times^{2}+4\times-9+3=0$
5		
C.	Flips dengon fotus (±2,2) do	on yong melalui trhik asal
	fokus (h + c,t) -o h = 0 ;	(- 2 ; k = 2
	melalui titi asal (0,0)	
	(x-h) + (y-k) = 1	
	ar br	
	$(\sigma - 0)^2 + (0 - 2)^2 = 1$	
	ar br	
	$b^2 = Y - b = \pm 2$	
	$C = \sqrt{a^2 - b^2}$	
	2 = \(\a^2 - \text{9} \)	
	4 = a 1 - 4	
	a = V4+4 -Da=V8	
	bersamaan: (x-h)2 + (y-	(t)'=1
	a ¹ b	
	$\frac{(\chi-0)^{2}+(9)^{2}}{(\sqrt{8})^{2}}$	$(-2)^2 = 1 - 0 \times^2 + (9-2)^2 = 1$
	(18)	- FORT

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() d	Hiperbola dengan puncuk di (0,0) dan (0,6), dan dengan sebuah		
	folus di (0,8)		
	Puncak = (h, k+a); h=0; t-a=0		
	k+a=6+		
	2k=6		
	k=3 -7k-0=0-79=3		
	ofolus di (o,s) -o(h, ktc)		
	k ± c = 8 -7 3 ± C = 8 -7 ± C = 5		
	7 c'= a'+b' ? Peramaon:		
	$5^{2}=3^{2}+b^{2}$ $(y-k)^{2}=(x-h)^{2}=1$		
	b'= 25-9 a' bi		
	$b = \sqrt{16}$ $(y-3)^2 - (x-0)^2 = 1$		
	b=4 31 42		
	$(y-3)^2 - x^2 = 1$		
	9 16		
	The second of th		
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