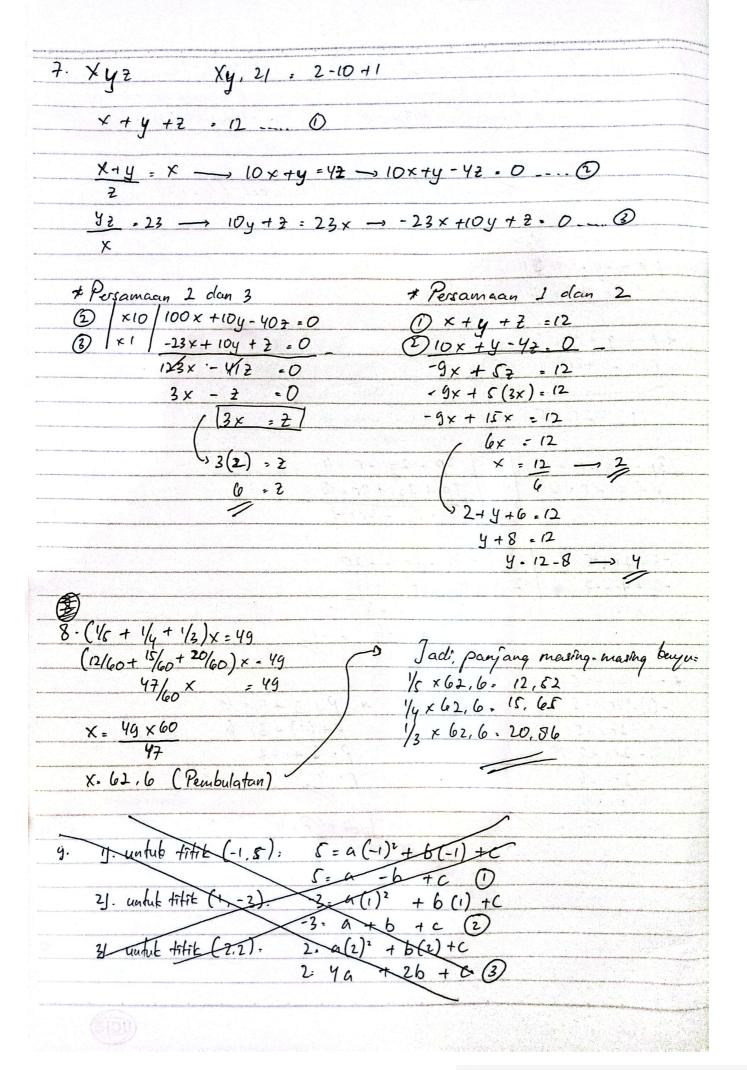
Tugae Kalkulus

the second secon		
Kelompok. 3 - Coy &	îmarmata	- Naila Eta - Muhammad Pidho
- Kizky	kumia	- Muhammad Pidho
- Bagas	Juni Al'iffandi	- Hayditha Wildan
Sistem Person	nam linear Tiga	Variabel (6-10)
7,1740 76140	an concer , j.	
6. P+q+T=6		
30 \$ - 29 - 1 : \$11		
P + 29 +3r= 11		
#P+9+5-6		
* P + g + r = 6 P + 2g + 3r - 11		
-9-25=-5		
	1	
3p-1g-r=11 x1 p+g+r=6 x3	3p - 2g - [= 1	/
p+ g+1=6 1×3/		Σ
	-sg - 41=-7	
-q-21==5 xy -	49 - 81 = -20	
	10g - 8r = -14	
	6g = -6	100 Marie 100 Ma
	f g = -6 =	-1,
*-9-7r=-2		
-(i)-2r=-5		+9+1=6
1-71:-1		+ (-1) + 3: 6
- 71: -C-1	PF	6+1-3
- 1r: -6	ρ.	4
r:-6 = 3		
-2	Jadi	P=4 9=-1 dan F=
	The state of the s	the state of the s



```
9. Y= ax2+ 6x+C
  trttk = (-1,5), (1,-3), dan (2, 2)
   so untuk (-1,5)
        4 = ax2+6x+C
        (= a(-1)2+b(-1)+C
        5: a -b +c
  * until (1. -3)
      2-3: α(·1)2+b(1)+C
       -3. a + b +c ___ (2)
 x untuk (2, 2)
       2: a(2)2 + b(2) +C
       2: 4a + 2b +c ___ (3)
  * Eliminasi pers 1 dan 2
                                * Eliminasi pers
                                               1 dan 3
     S: a - b + C
                                5 = a - b + c
    3: a +6 +C
                                2: 4a +2b +C
    8 = - Zh
    8/ .b
                              #Subtitusi b = 4
                                3:-3a-3(4)
                                3: -30 - 12
                              15 = -30
 * Subtitusi a dan b ke pers 1
                                               Jad persamaan y= ax7 bx+e
   5 - - 5 - 4 + C
                                                            y = -5 x2 + 4x+14
   8. -9 + c
   14 : C
10. Lingkaran x2+y2+ax+by + C=0
Httb: (-1,5), (-2,4) dan (5,-3)
  * unful (-1,5)
         (-1)2+(5)2+a(-1)+b(5)+C=0
              +25 #-a +5b + C:0
                         -a +5b +c = -26 ---- ()
  * untub (-2,4)
         (-2)2+ (4)2 + a(-2) + b(4) +C = 0
          4 + 16 $-29 + by + C = 0
                       -2a + by + C = -20 - -. (2)
```

x until (8,-3) (E) + (-3) + a(5) + b(-3) + C = 0 25 + 9 + 5a \$-3b + C=0 Ea -36 + C : -34 __ 3 * Eliminasi pers. I dan 2 -a + 86 + C = - 26 -2a + 4b + C= -20 a + b = -6 a = -6-6 * Subfitusi pers. 4 ke 3 5(-6-6)-36 + C = -34 -56-30-36+ C=-34 * Subtitusitan pers 4 te 1 - (-6-6) + 56 + C = -26 b+6+5b+C=-26 6b + C: -32 -... (6) Subfihisi b ke pers. Y * Eliminasi pers 5 dan 6 -8b+C=-4 9 = - (-2) -6 66 + C = -32 -146 \$ = 28 * Subtitui b le pers. 6 6(-2)+ C=-32 -12 + C = -32 C = -32 +12 Jadi, persamaan x2+y2+ax+by+c=0/C=-20 adabah x2+y2 -4x-24-20=0