£36240192	
Rahhafian-Anoroya-t	Memo No
TID	Date 10 1 9 1 202
1. Dicetorni V= (2,-2,1)	
V=(2,1,2)	
0. V-V= X, -Y, + 12.72+x3-73	
=2.2+ (-2)-1+1-2	
54-2+2-A/	
b. cos + = <u>U·V</u> = 4 U = √2.	r(-2) ² +1 ² = 3
11011-11911 9// 11 VII - V22	$1+1^2+2^2=3$
(
2 Vo2 + 32+12	
= 10/	
d. UXV = V2V3 - V1 V3 V1 V2	
$\frac{ -2 }{ -2 } - \frac{ 2 }{ 2 } \frac{ 2^{-2} }{ 2 } = -5,$	- 4,5/
QP. UXVII = V(-5)2+(-2)2+62 = V25+4.	+ 36 = 1865/
(2.) a: (1/kg, ke) 0.0.6=0	
b= (-2,-1,1) 1-(-2)+1x(-1)	+1/2/20
k2-k-2=0	
b-1=2 = 0= (1,2,4) (K-1)(K+1)=	20
b=(-2,-1,1) K=2 UK=	100
axb= (az os) - a, os a, dz b, bz	
2 2 1 - 1 1 1 2 1 1 2 1 1	
26,9,3	
11 0x 11 = 162+02+92 = 156+91+9 =	1/26/

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Rakhafian. A.F	Memo No	
TID	Memo No	
5) V=(K+1, K+1, 1)		
V=(-K-1, -K-1, K)		•
[S D = VV U-V (S 180=-1=	U.√	
HALLA KALIKI	1101111111	
V-V= (k+1)(-k-1)+(k+1)(-k-1)+1.k		
=-12-2K-1-k2-2K-1+1C		-19
= -2 k² - 3k - 2		
11U11 = V(K+1)2+12		orași orași
= V/12+2K+1+182+2K+1+1		
= \2k2+1k+3		
1(V1) = V(-K-1)2+(-K-1)2+K2		
=1 K2+2 K+1+ K2+2 K+1+ K2	10. El	10
= \(\frac{1}{3k^2} + 4k + 2		i L
$-1 = -2k^2 - 3k - 2$	Total 100 100 100 100 100 100 100 100 100 10	
V[21/2491(+3) (31/2+41+2)		
-1= -2/2-3k-2		
16 K + 20K 3 + 29 K 2 + 20K +6		
12401+12K3+17K2+12K+9		
6K4+20k3+29K2+20K+6		
612 + 2012 + 29 12 + 2014 + 6 = 9 12 + 12 12 +	17/2+12/5+9	
6 12 - 4 15 + 2015 - 12 13 - 12 13 + 29 12 - 1	7 K= +20K-12K+6-9=0	
212 + 813 + 1212 + 814 + 2 = 0		
にニーレイ		

Memo No.			
Date	10	19	12025

Trustormas: Linier 1. Diketahur f=R2-7R3 \$ (x,y) = (4,-5x+13y, 7x+16x) a. Ringtahur v=(1,2) dan, V. (4,5),dan sc=3 b-(-1/2 t (u+v)-t(u) +T(v) t (u+v)=t(u)+T(v)
1. (Riketahur f=R²-7R³ f(x,y) = (Y,-5x+13y, 7x+16x) a. Riketahur V=(1,2) dan, V. (A,5) dan (t=3) b-(-1xt(u+v)-t(u)+T(v)
5(x,x) = (4,-5x+13y, 7x+16x) a. hketahir v=(1,2) dan, V. (4,5) dan (5 = 3 b-(-15 + (++v)-+(v) ++(v)
a_ Piketahni V= (1)2) dan, V. (A,5)dan (= 3 b- (+1+++)-t(V) +T(V)
t(vrv)=tr(v)+T(v)
T(1+9,2+5)= T(5,7)=(7,-25+13(7),-35+16(7))
-7,6 ₆ ,77)
T(1,2)+ T(4,5) = (2,21,25)+ (5,45,52)
-(7,66,77)
([ell Symon Kedva + [kv] = kT(v)
+(150)=+[3(1,2))=+((3,6))=(6,63,75)
(T(v) = 3T(1,2) = 3((2,21,25)) = (6,63,75)
$= f(x,y) = (y_1 - 5x + 13y_1 - 7x + 16y)$
4 Iddulah fransformasi Linian
2. Miketermi f(x, y) = (y, -5 x+ 137, -7 2464)
P ₁ (0,1) -) (1, 13,16)
p2(21)-7(1,3,2)
P3 (1,3) -7 (3,34, 41)

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Ralehation.A.12		Mama Na	
TID		Date	20,9,2025
110			
Pencerminan			
P1=(1,13,16) Pencerminany X1	= X		
V2	: -		
Į,	3		
	=(1,-13,16)		
P2=(1,3,2) Pencerminan X'	- v		THE RESERVE OF THE PARTY OF THE
x2 y'	/		
	_ <u>- (</u> _ 7		
	= (1,-3,2)		
P (2 30 4) Paragrait V	5 X		
P3 = (3, 31, 41) Pencerminan X1 x2		4_8	
Activity William Milliam	2-7		
5	22		
	= (3,-34,41	N	
-Rotasi 45			
(05 450 - \frac{\frac{7}{2}}{2} =)(h 450			
P(1450) [1/2 0 1/2] [1] =	17 V2		
-V2 0 V2 76	13 V2 - 17	√2 -13	15 1/2)
<u> </u>	[2]	2 1 1	2 /
$\begin{array}{c c} P_2\left(45^{\circ}\right) & \begin{array}{c c} V_2 \\ \hline 2 \end{array} & \begin{array}{c c} V_2 \\ & \end{array} & \begin{array}{c c} V_2 \\ & \end{array} & \begin{array}{c c} V_2 \\ & \end{array} & \begin{array}{c c} V_2 $	3/2 3/2	2 (2)	
- L- 2 0 1 2 1 2 1	$\frac{2}{3}$ $\frac{3\sqrt{2}}{2}$ $\frac{3\sqrt{2}}{2}$	1,2	¥
RCの写了了14	12 / 12 / 12 / 12 / 12 / 12 / 12 / 12 /		
	2 2 2		
F 5 V2 A1	59 - 22 /2	21 19112	1