Date\_ Quiz Total Ky (18165 - (19165) 2) 5 (1) 15 Mater: 1-2 1. Luas R dg KKk A(0,0), B(2,5), E(6,3), D(9,-5), E(0,24) 1. R= 1= (IDABCI+IDACDI+IDADEI) DABC = 0 01 = 6-(30+0-0) = -24 DACD = 001 = -30 - (12) = -42 المادد برال 4-51 DADE = 1001113 = 46 1001, 07 Juno , 1x 53 + 10x = 0 11 x1+3-10-4016 + 1 (21+6+14x) 8 + 1(21+6+14x) 6 = 0.00 R= 12(1-24) 41-42 1+ 1-161) 1 == 13 (82) 1 = 41 4(3/201)+ ((620)+ 1(4,20+,0)0 2. Pers bodang yg melalvi title A(2,0,2), B(0,0,4), C(1,1,0)

N = P. P. × P.P. = (-2,4,2) + (-1,1,-2) (20, 100) (3,00) (3,00) -2 92 1:1.-10 +j.6 + k.2 -1 1 - 1. The species when you is a species of the 1 1-Karona Mulalvi A (7,0;2) don legoch lusus N. Malla pers biology -10 x + 6y + 27 = -10.2 + 2.2 xc= d = = (=) 065=10x46y+22===1625 02748 NEW = KX Materi 3-4 5 0 6 6 6 6 01. 2 £ : x 7=- x'+ y' 0 11 2 2xy' 1. Titch hoits iden Warifiledi dari 2x = -2x 2x = 0 2y = 2y 1 = 2x = 0 (0,0) : -2:2 -0 7 - 4 - 4 P + C 7 \*\* = -2 1 1 1 - \* =0 x Saddle Point " 1' Zy : 0 744 = 2 24:0 7 x y = 0 y = 0

Date.  $F(-\frac{18}{\sqrt{13}} + \frac{-12}{\sqrt{13}}) = 6 \cdot \frac{-18}{\sqrt{13}} + 4 \cdot \frac{-12}{\sqrt{13}} = \frac{-12}{\sqrt{13}} \quad (\text{Minimum})$   $F(-\frac{18}{\sqrt{13}} + \frac{-12}{\sqrt{13}}) = 6 \cdot \frac{18}{\sqrt{13}} + 4 \cdot \frac{12}{\sqrt{13}} = \frac{-12}{\sqrt{13}} \quad (\text{Maximim})$   $F(-\frac{18}{\sqrt{13}} + \frac{12}{\sqrt{13}}) = 6 \cdot \frac{18}{\sqrt{13}} + 4 \cdot \frac{12}{\sqrt{13}} = \frac{-12}{\sqrt{13}} \quad (\text{Maximim})$ 

Moter: 3

Moment inertia of half dirk wit 
$$S(x,y) = \frac{1}{\sqrt{x^2y^2}} = \frac{1}{\sqrt{x^2y^2}}$$

D:  $\int (r,\theta) | 1 \le r \le z$ ,  $-\frac{n}{2} \in \theta \le \frac{n}{2}$ 

A. about  $\times$  axis

 $1x : \int \frac{1}{\sqrt{x^2}} \int \frac{1}{\sqrt{x^2}}$ 

6.

2. Curvature from r(t): Sti + 35in(t) j + 3 cor(t) (d) | mornoll commode of the (S = 3cor(t) = 35in(t)) 1(+):(5, -3cor(+), -?sin(+)) 7(+) = (5, 300 rt), -35m(+) ) (V) + mot 400 T'(H) = \$ (0, 1=7-5,00(H) 15-3 cor(H) =) (1 (8) A NA) = 5 1 200 1 1('(+)11 ~ TA3 1(130AL) + 103A 61+138A 61) +1-9 11 T'(+)11 = 2 Dr. - (0-0+02) - 2 : K = 117'(+)11 = 9/\43 = 3 11'(+)4 \\ \\ \43 18- = (51) - 05- = 1100 = 5 AC Mater. 5-6 1. \$ = xy + 62 x . Carrah VD , 1001 pada (6,2,2)00 - 30 4 ( = SPOi + 29j + 259Lk Sid x 39,5 [FØ(6,2,2)] = \( 5802 + 242 + 25922-1-1-) + (5 1 5-) = ≈ 21,56,21 1.; + 01-.; : | 5 F S-1 2. Min & max dor. f(x,y) = 6x +4y pada x2 +y2 = 36 Fx = 6 + x = 0 6x : 2x ds + 10 = 101-Fylor any + oly to 1 mind by 2 zylo (10,5) a wholey avoid 6:2x. >=+ 5.01- = \$5 + 10 + × 01= 21/26 =0 2× × -6 =0 = (=) 2(× × -3) 0 (=) × = = 4=24x \* = 1 = 18 \* = 2 = 18 \* = 3 = 18 247 -4 =0 2(47-2)=0 =7 4=3 x2+42-31=0 10+14-28 0= 1/3/6 1/17 (3) + (2) -31 =0 X=X=-V13/6 2 + 4 - 36 =0 x=-18 , y=-12 11 13-3622 =0 カニナンジ