Op Quiz 7

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Kelas: Kalmius 2-B

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1. a. r2: 18. snp Bentuu: limacons

limacons  $0^{\circ}$  0 or  $0^{\circ}$  no inner (ect  $0^{\circ}$   $0^{\circ}$ 

r: 18.800

Ske452 =)

$$|u_{3j} - v_{j}| \leq \left( \int_{0}^{\pi/2} |v_{j}|^{2} |v_{j}$$

### To send : 3 fem d

Adailym 

(\*\*) Graderd  $r = \sqrt{3}$  + fem d

And Circle 13 fem d

Carcle basuah = 2 fem d

(\*\*) Graderd  $r = \sqrt{3}$  + fem d

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(\*\*) Graderd  $r = \sqrt{3}$  + fem d

And Circle 13 fem d

(\*\*) Graderd  $r = \sqrt{3}$  + fem d

And Circle 13 fem d

(\*\*) Graderd  $r = \sqrt{3}$  + fem d

And Circle 15 fem d

(\*\*) Graderd  $r = \sqrt{3}$  + fem d

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(\*\*) Graderd  $r = \sqrt{3}$  + fem d

(\*\*) Graderd

(3. a. f(xg) : 4x2 + y2-16 , C:0, dan C:9 => f(x,y) . 0 Pada C=O ;) Z:0 Benjum ellim den 6 ux2 +92 -16 = 0 Sh. magor dri 9=4 4x2 +y1 = 16 der to minor do = > \frac{\times 4 + \frac{\y^2}{4} = 1 \frac{\times \text{tapq181}}{\text{tapq181}} \text{ Al that } Z=0 9:5 / dongan Pade C=9 => 7=9 => f(xiy)19 g unit Me Stag 4/2 + 42 - 16 : 9 ×:2,5 dianguas 42 ty 1887 25 9 UM A 9491  $\frac{\lambda^{\prime}}{\frac{25}{4}} + \frac{y^2}{4} : 1$ ( ellier don st. major di y=5 dan so minor di x: \frac{5}{2} diau 2.5 du papurat pada z= 9 (G. a f (x,y) = xy2-6x2-3y2 PMA (1,-1) dan D (1,-1) fx (x,y): y2 - 12x ky (x14) = 2x4 - 64 \* fxx (durunan se grade x) \* fxy \* Efry ## fxx (x,y) => 0-12 = -12 fxy (x,y); dy fyy (x,y) = 2x -6 Pa A(1,-1)=> fxy (1,-1):-2 fxx (k14): -12 RUA(1,-1) => fyz (1,-1): -4 4 A(1,-1/=) fxx(1,4)=-17 Hirtury D (1,-1) ") fxx (1,-1). fyy (1,-1) - f xy (xb,-1)

Hirtung P 
$$(1,-1)$$
 -1 fxx  $(1,-1)$  -  $f^{2}_{xy}$   $(x_{0},-1)$ 

=)  $-(2,-2)$  -  $(-4)^{2}$ 

=)  $94 - (6)$