Totar KVT 1

1. Carilda porat dan juri gari dari persamaan

hingharan

x2+y2-Ax+ by+1 20

D Runtin → x² ty² + A x + By + C=0

Pusat → (-1/A, -1/B)

⇒ (-1/2-14, -1/3)

⇒ (7, -4)

= $\int ari - jari$ Bendoh umum = $(x-a)^2 + (y-b)^2 = r^2$ = $(x-7)^2 + (y+4)^2 = r^2$ = $x^2 - 14x + 49 + 9^2 + 89 + 16 = r^2$ = $x^2 + 49^2 - 14x + 89 + 165 - r^2 = 0$ = $x^2 + 49^2 - 14x + 89 + 165$ = $x^2 + 49^2 - 14x + 89 + 165$ = $x^2 + 49^2 - 14x + 89 + 165$ = $x^2 + 49^2 - 14x + 89 + 165$

1= 8

2. Vong swanti aun = 75.000.000 Borga ary much = 4,85% / tahun Vang alchir = 1/2.500.000. Walety:) P(+) = Po. (1+T)# \$ 112.500.000 = 75.000.000. (1+4,85%) (-1,5 = (1,0485)6 E = 1091,0485 1,5 t = 8,56 tahun Apoloila & bunga diberikan lade akhir Ehrun maka waktenya menjadi g tahun 3. a. lim 4-x2 = lin (2-x)(2+x) ++-2 2x2+x3 = x+-2 x2(2+x) ~ lim 2-y $= \frac{2 - (-1)}{(-1)^2} = \frac{4}{4} = 1$

3 b.
$$\lim_{x \to 0} \left(\frac{4x^2 - 5x + 21}{7x^3 + 5x^2 + 10x + 1} \right)$$

$$= \lim_{x \to \infty} \left(\frac{4x^2}{x^3} - \frac{5x}{x^3} + \frac{21}{x^3} \right)$$

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- 0

7.5

reall =