Pop Quiz 5 - 2206820352 - Juan Maxwell Tanaya

1b. $4\sqrt{2} + 6\sqrt{2} = 36$ $4\sqrt{2} + 6\sqrt{2} = 1$ $4\sqrt{2} + 6\sqrt{2} = 1$ Selips Horizontal Karena nilai penyebut terbesar berada di buwah variable x sehingga elips melehur secara horizontali $4\sqrt{2} + 6\sqrt{2} = 1$ Sehingga elips melehur secara horizontali $4\sqrt{2} + 6\sqrt{2} = 1$ $4\sqrt{2} + 6\sqrt{2} = 1$ Sehingga elips melehur secara horizontali $4\sqrt{2} + 6\sqrt{2} = 1$ $4\sqrt{2} + 6\sqrt{2} = 1$ $4\sqrt{2} + 6\sqrt{2} = 1$ Sehingga elips melehur secara horizontali $4\sqrt{2} + 6\sqrt{2} = 1$ $4\sqrt{2}$

Balb.
$$4^2 = \frac{1}{5} \times -7 \times = 0, y = \pm 15$$

$$y^2 = 4p \times$$

$$4p = \frac{1}{5}$$

$$p = \frac{1}{5}$$

$$P(10^{4})^{1/3}$$

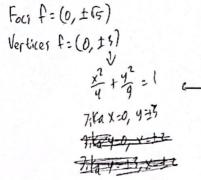
$$p = \frac{1}{5}$$

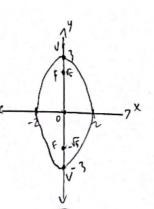
$$P(10^{4})^{1/3}$$

$$P$$

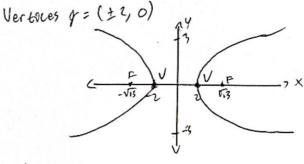
3a. $9x^2 + 4y^2 = 36$ & $9x^2 - 4y^2 = 36$ $42\frac{x^2}{4} + \frac{y^2}{9} = 1$ let $f = \frac{x^2}{4} + \frac{y^2}{9} = 1$ Yarena bentuk $\frac{x^2}{b^2} + \frac{y^2}{a^2} = 1$ adalah bentuk persandan umum elipsis, maka

Foci $f = (2 - a^2 - b^2)$ dengan major $c^2 = 9 - 4$ $c^2 = 4 - 6$ Foci $f = (0, \pm 65)$





langutan no. 3 $g = \frac{x^2}{4} - \frac{y^2}{9} = 1$ Korena $\frac{x^2}{4b^2} - \frac{y^2}{a^2} = 1$ merupakan bentuk persamaan Umum hiperbola de horizontal, maka $C^2 = a^2 + b^2$ $C^2 = 474$ C = 1413Foci $g = (\pm 173, 0)$ $\frac{x^2}{4} - \frac{y^2}{9} = 1 - 7$ $\frac{xy = 0, x = \pm 2}{4}$



Perhedaan Persamaan f dan gradalah Persamaan f merupakan elips sehingga ocecl, Sedangkan persamaan gr merupakan hiperbola sehingga e71. Ub. (4-1)² = 8(x-2)

4b. (4-1) = 8(x-2) (4-1) = 4p(x-14h)

4p=8 Vertex = (h, k) p=2 (runcal) = (2, 1)Focus = (h+p, k) = (4, 1)Prector = (h+p, k)= (4, 1)

