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**Nombre del trabajo: producto de
aprendizaje**

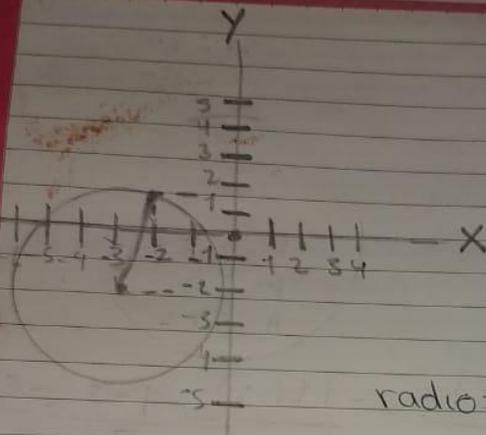
Materia: geometría analítica

Grado: 3 semestre

Grupo: "U"

Pichucalco, Chiapas a 21 de noviembre de 2020.

Ejercicio 2



$$P(-2, 1) \quad C(-3, -2)$$

$$x_1 \ y_1 \quad x_2 \ y_2$$

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$d = \sqrt{(-3 - (-2))^2 + (-2 - 1)^2}$$

$$d = \sqrt{(-3 + 2)^2 + (-3)^2} =$$

$$\text{radio} = \sqrt{10} = 3.16$$

$$\sqrt{(-1)^2 + 9} = \sqrt{10}$$

$$A = \pi r^2$$

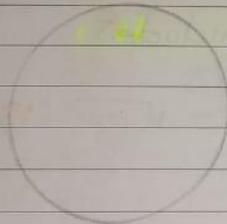
$$P = \pi D$$

$$A = (3.1416)(3.16)^2$$

$$P = (3.1416)(6.32) = 19.8 \text{ unidades}$$

$$A = (3.1416)(9.99)$$

$$A = 31.4 \text{ unidades cuadradas}$$



$$\text{Perimetro} = 43.96$$

$$P = \pi D$$

$$\frac{P}{\pi} = D$$

$$r = 7 \text{ cm}$$

$$A = \pi r^2$$

$$A = (3.1416)(7 \text{ cm})^2$$

$$A = (3.1416)(49 \text{ cm}^2)$$

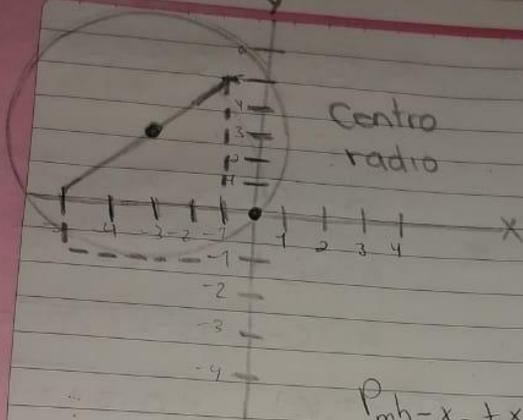
$$A = 154 \text{ cm}^2$$

$$D = \frac{43.96 \text{ cm}}{3.1416} = 14 \text{ cm}$$

$$D = 14 \text{ cm}$$

Geometria Analitica. Ejercicio 1

12/11/20



Centro
radio

$$P = 2\pi r$$

$$P = \pi D$$

$$A = \pi r^2$$

$$P_{mh} = \frac{x_2 + x_1}{2} = \frac{-1 + (-5)}{2} = \frac{-1 - 5}{2} = \frac{-6}{2} = -3$$

$$\text{radio} = \sqrt{13} = 3.6$$

$$P_{mk} = \frac{y_2 + y_1}{2} = \frac{5 - 1}{2} = \frac{4}{2} = 2$$

$$C(-3, 2) \quad A(-1, 5)$$

$$(3)^2 = (3)(-3) = 9$$

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2} \quad P = (3.1416)(7.2)$$

$$d = \sqrt{(-3 - (-1))^2 + (2 - 5)^2} \quad P = 22.6 \text{ unidades}$$

$$d = \sqrt{(-3 + 1)^2 + (-3)^2} = \sqrt{(-2)^2 + 9} = \sqrt{13} = 3.6$$

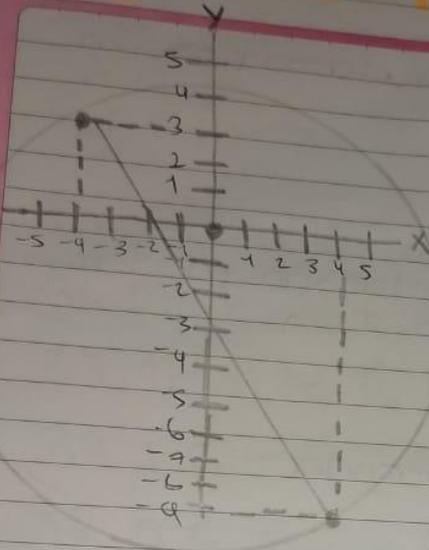
$$A = \pi r^2$$

$$A = (3.1416)(3.6)^2$$

$$A = (3.1416)(12.96)$$

$$A = 40.8 \text{ unidades cuadradas}$$

Ejercicio 4



$$C(-4, -3)$$

$$P(4, -9)$$

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$d = \sqrt{(-4 - 4)^2 + (-3 - (-9))^2}$$

$$d = \sqrt{(-8)^2 + (-3 + 9)^2}$$

$$d = \sqrt{64 + 36}$$

$$d = \sqrt{64 + 36} = \sqrt{100} = 10$$

$$\text{radio} = 10 \text{ unidades}$$

$$A = \pi r^2$$

$$A = (3.1416) (10)^2$$

$$A = (3.1416) (100)$$

$$A = 314.16 \text{ u}^2$$

$$P = \pi C D$$

$$P = (3.1416) (20 \text{ unidades})$$

$$P = 62.832 \text{ unidades}$$