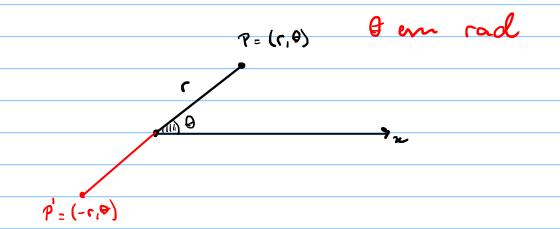
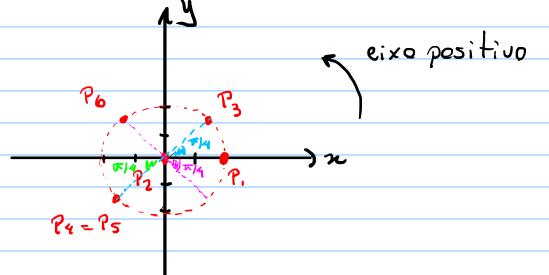
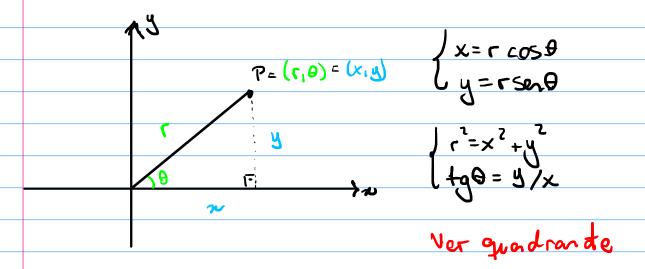
COORDENADAS POLARES



Represente re plana os pentos a seguir dados em coor dena dos pelaros: $P_1 = (2,0) \cdot P_2 = (0,2) \cdot P_3 = (2, \pi/u) \cdot P_4 = (2,5=/u) \cdot P_5 = (-2,7/u) \cdot P_6 = (-2,-\pi/u)$





1) Escreva en cortesionas os portos en polores: a) (2,0) = (20059, 2510) = (2,0)

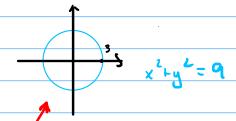
- 6) (-3,0) = (-3coso, -3sero) = (-3,0)
- c) (3, 74)= (3 657/4, 350, 74) = (312/2, 312/2)
- d) (-3,-1/4) = (-3,05(-1/4),-3 sen(-1/4)) = (-3/2/2 3/2/2)
- 2) Escrevo en polores as pontos em certesionas

 $a \cdot (2,0) = (2,0)$ $b \cdot (-1/2,1/3/2) = (1,2\pi/3)$

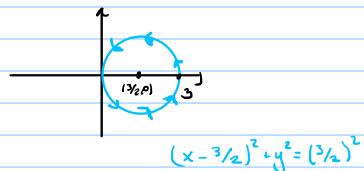
c) (2,-2) = (2/2,-4)4)

d) (-1,-1) = (12,5×14)

CURVAS POLARES







$$x^{2} = 3r\cos\theta$$

$$x^{2} + y^{2} = 3r\cos\theta$$

$$x^{3} + y^{2} = 3x$$

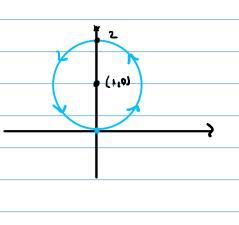
$$x^{2} - 3x + 9/4 + y^{2} = 9/4$$

$$(x - 3/2)^{2} + y^{2} = (3/2)^{2}$$

$$x^{2} + y^{2} - 2y + 1 = 1$$

$$x^{2} + y^{2} - 2y + 1 = 1$$

$$x + (y - 1)^{2} = 1$$



ex 7: r= 3 cos 20 Rosacea

