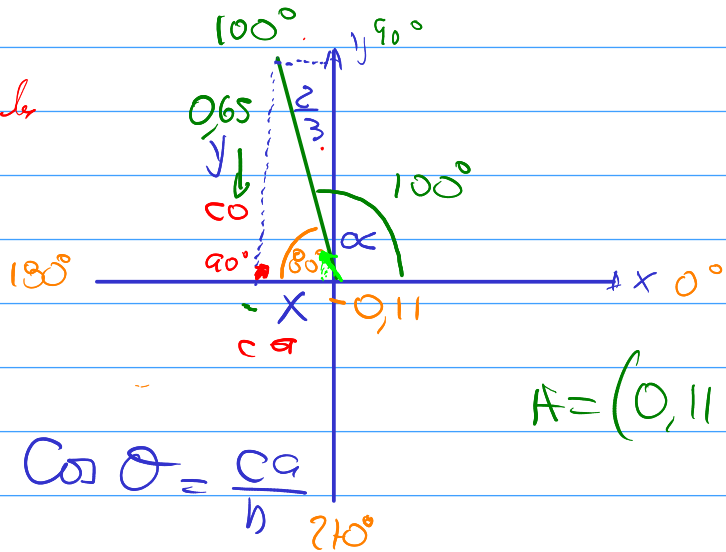


C. RECTANGULAR
 $P = (x, y)$

C. POLAR
 $P = (r, \theta)$

$P \rightarrow R_{\text{rectangular}}$
 $A = \left(\frac{2}{3}, 100^\circ\right)$
 $\left(\frac{2}{3}, 80^\circ\right)$



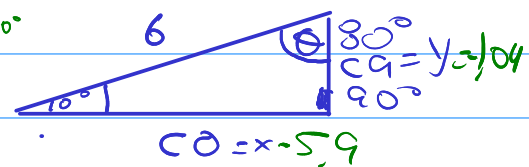
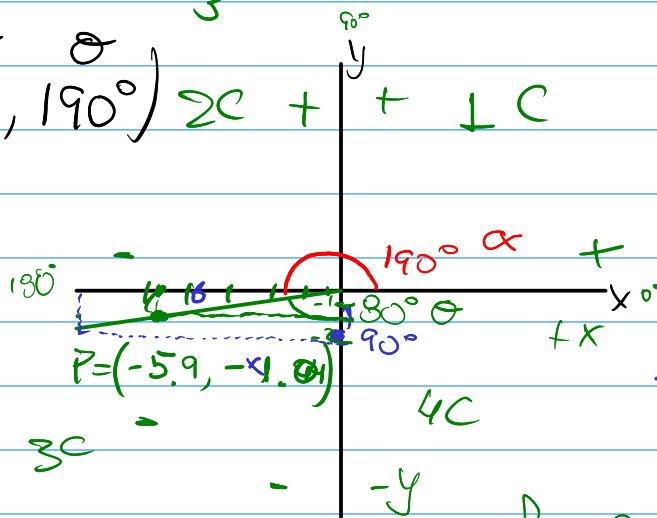
$A = (0.11, 0.65)$

$\sin \theta = \frac{co}{h}, \cos \theta = \frac{ca}{h}$

$\sin(80^\circ) = \frac{co}{\frac{2}{3}} \rightarrow \left(\frac{2}{3}\right) \sin 80^\circ = co$
 $0.65 = co$

$\cos(80^\circ) = \frac{ca}{\frac{2}{3}} \rightarrow \left(\frac{2}{3}\right) \cos(80^\circ) = ca$
 $-0.11 = ca$

$P = \left(6, 190^\circ\right)$ $2C + \perp C$



FORMULA

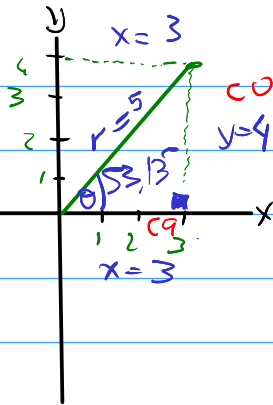
$x, y = r \cos \theta$

$x, y = r \sin \theta$

$6 \sin 80^\circ = co$
 $5.9 = x$
 $6 \cos \theta = ca$
 $1.04 = ca$

$\mathbb{R} \rightarrow \mathbb{P}$

$A = (3, 4)$
 $A = (r, \theta)$
 $A = (5, 53.13^\circ)$



$$r^2 = x^2 + y^2$$

$$r^2 = (3)^2 + (4)^2$$

$$r^2 = 9 + 16$$

$$r^2 = 25$$

$$r = \sqrt{25}$$

$$r = 5$$

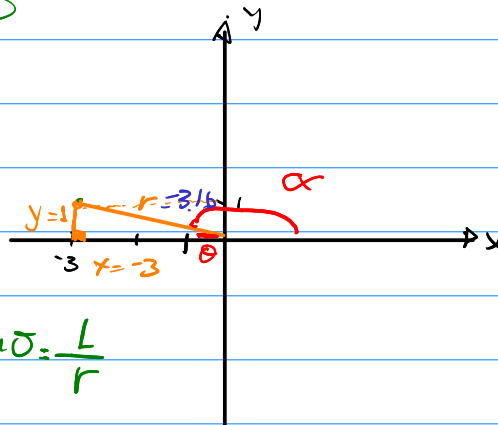
$$\tan \theta = \frac{co}{c9} = \tan^{-1} \left(\frac{4}{3} \right)$$

$$\theta = \tan^{-1} \left(\frac{4}{3} \right)$$

$$\theta = 53.13^\circ$$

~~$\mathbb{P} \rightarrow \mathbb{R}$~~ $\mathbb{P} \rightarrow \mathbb{P}$

$P = (-3, 1)$
 $P = (3.16, 18.44^\circ)$



$$\tan \theta = \frac{y}{x} = \tan \theta = \frac{1}{-3}$$

$$\theta = \tan^{-1} \frac{1}{-3}$$

$$\theta = 18.44^\circ$$

$$r^2 = x^2 + y^2$$

$$r^2 = 1 + 9$$

$$r^2 = 10$$

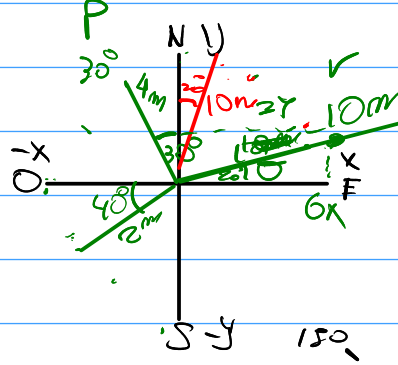
$$r = \sqrt{10}$$

$$r \approx 3.16 //$$

COORDENADAS

N, S, E, O

GEODASICAS



$P = (r, \text{rumbo})$

$P = (4m, N 30^\circ O)$

$B = (2m, O 40^\circ S)$

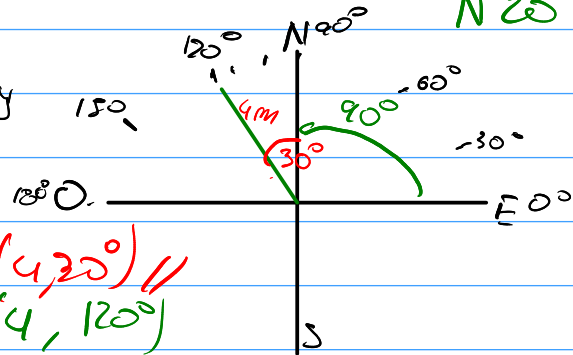
$C = (10m, E 20^\circ N)$

$N 20^\circ E$

$P = (r, \theta)$

$P = (4, 30^\circ) \rightarrow R$

GEODASICAS $\leftarrow P = (4, 30^\circ) //$
 $P = (4, 120^\circ)$



C.G $\rightarrow P \rightarrow R$

$R \rightarrow P \rightarrow G$

$A = (12m, N 30^\circ O)$

$B = (10m, E 60^\circ S)$

$C = (14m, S 10^\circ E)$

$D = (0.5m, N 70^\circ E)$

$E = (40m, E 16^\circ N)$

TAREA 08/18/23
 23:59 PM