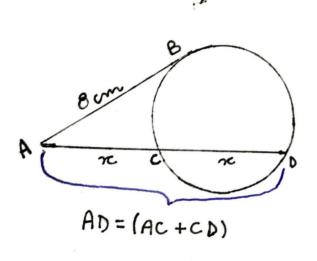
Poténcia de Ponto Naihara Barboza- 317



Pela equação da potência de ponto:
$$AB^2 = AC * AD$$

AB = B cm

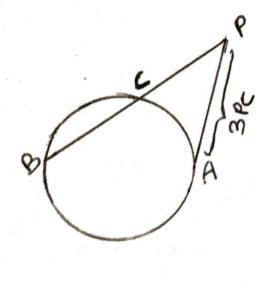
AC=CD=2c AD = AC+CD

 $8^2 = \chi + (\chi + \chi)$

64 = 20.2.xc

 $64 = 2.\pi^2$

 $\chi^2 = 32$

O- 7 = J32 x=412 cm 

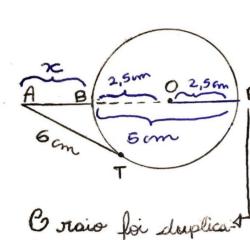
$$AP^{2} = PC * PB$$

$$AP = 3PC$$

$$(3PC)^{2} = PC * PB$$

$$\frac{3PC^{2}}{PC} = PC * PB$$

$$\frac{PC}{PC} = PB$$



Coraio foi duplicat de (diâmetro), para achar o segmento da recante.

$$AT^2 = \infty * (\infty + 5)$$

$$6^2 = \times \star (\times +5)$$

$$36 = \kappa^2 + 5\kappa$$

$$x^2 + 5x - 36 = 0$$

$$\Delta = b^2 - 4a.c$$

z=AB=4 cm

$$x = \frac{-5 \pm \sqrt{169}}{2.1}$$

$$x = \frac{-5 \pm \sqrt{169}}{2.1}$$

$$x' = \frac{-5 + 13}{2} = \frac{8}{2} = 4$$

$$x' = \frac{-5 - 13}{2} = \frac{-18}{2} = -9$$

4 Como o diâmetro divide o corda ao máio, CE = DE

CE=DE

AE * EB = CE & DE AE * EB = CE² DE por ser 2 = CE² substitué

3= CE2

CE= V3

CD=2CE

4 cm 80m 10cm E0 = segmento para Somar à secante.

DO = EO = V / AE = 4 + 2 P / AC = 10+8 = 18 AE * AD = AC * AB (4+2r)*4=18 &B 16+8r = 144 8r=144-16 8r = 128r= 128 r = 16 cm

OC=r=16am AC = AB + BC = 10+8 = 18cm 0A = AD +r = 4+16= 20 cm Perimetro = Oc + AC + OA : = 16+18+20=[54cm]