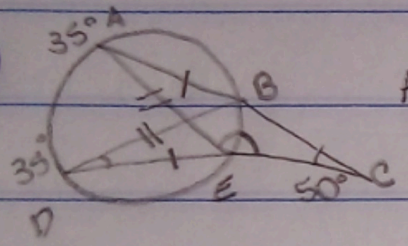
Beatriz Gonçalves Eleutério

- Arcos e Ângulos

③ 

$ABE = DEB$

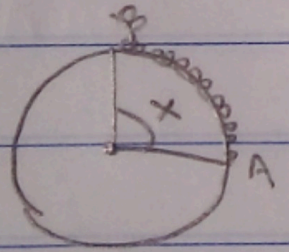
$\alpha + 50 + 35 = 180$

$\alpha = 180 - 85 \rightarrow \alpha = 95°$

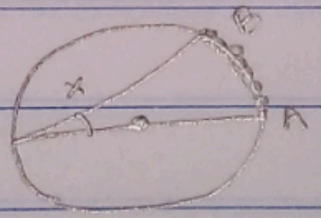
(A)

④ $\alpha + \beta = 180° \rightarrow 180 = 1\pi \rightarrow \pi$

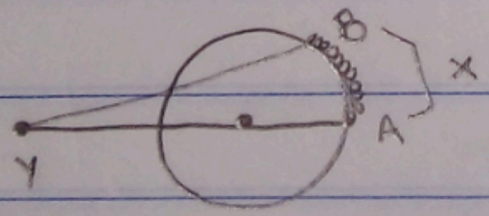
(C)

⑤ 

$x = AB$



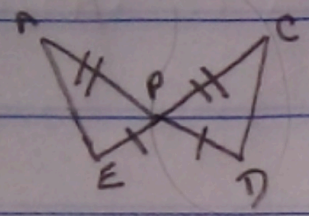
$x = \frac{x}{2}$



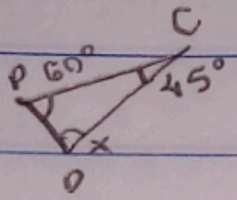
$y = \frac{\frac{x}{2}}{2} \rightarrow y = \frac{x}{4}$

$y = \frac{x}{4}$

6



$A\hat{P}E = C\hat{P}D \quad \hat{A} = \hat{C} \quad \hat{E} = \hat{D}$



$45 + 60 + x = 180$

$x = 180 - 105 \rightarrow x = 75°$

$x = 75°$

$y = 105°$

Arco ABC = 150°

Arco AEDC = 210°

$y = \frac{AEDC}{2} \rightarrow y = \frac{210}{2} \rightarrow y = 105°$

1 $x = AB$ $\quad AB = 66°15' \rightarrow x = 66°15'$ **E**

2 $C\hat{A}D = 40°$ $\quad \frac{C\hat{A}D}{2} = \text{Arco}$

$C\hat{O}D = 80°$ $\quad C\hat{O}D = 2 \cdot C\hat{A}D$

E