

Tarefa básica

1) $23^{\circ}45' + 66^{\circ}15' = 89^{\circ}60' = 90^{\circ}$

arco menor $AB = 2 \cdot 66^{\circ}15' = 132^{\circ}30'$

$X = APB \rightarrow \hat{\text{ang. inscrito}} \frac{132^{\circ}30'}{2} = 66^{\circ}15'$

Letra E $\angle OPA = X$

2) $\hat{C}AD = 40^{\circ}$

$\hat{C}OD = \text{arco } CD = 2 \cdot 40^{\circ} = 80^{\circ}$

Letra E

3) $50^{\circ} + 35^{\circ} + \alpha = 180^{\circ}$

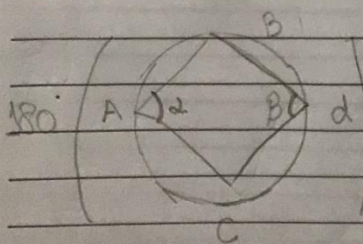
$85 + \alpha = 180$

$\alpha = 180^{\circ} - 85$

$\alpha = 95^{\circ}$

Letra A

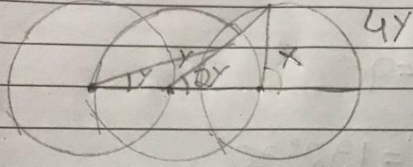
4)



$180^{\circ} \rightarrow \text{Então } 180^{\circ} = \pi$

Letra C

5)



$$y = x/4$$

6) $x = 75^\circ$

$y = 105^\circ$

x é ângulo inscrito de 75° , o arco medirá 150° . Então, o arco AEDC medirá 210°

$$210 : 2 = 105$$

$y = 105^\circ$