

Nome: Luiz Felipe Ciantela Machado

Turma: CTII 348

Prontuário: CB1990209

Disciplina: Matemática

IFSP - Câmpus Cubatão

Tarefa Básica 07

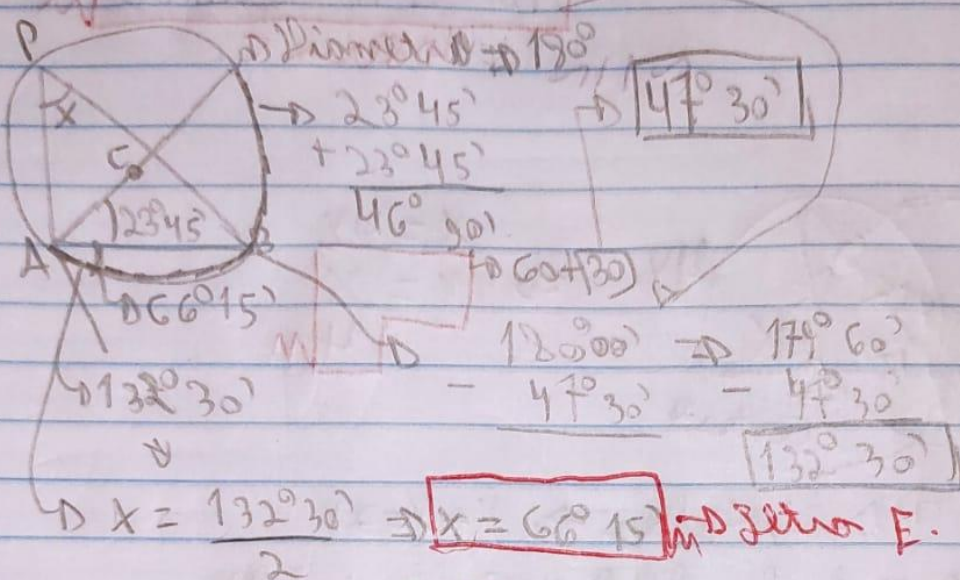
Arcos e Ângulos na Circunferência (Fotos nas páginas seguintes)

Exercícios 1, 2 e 3:

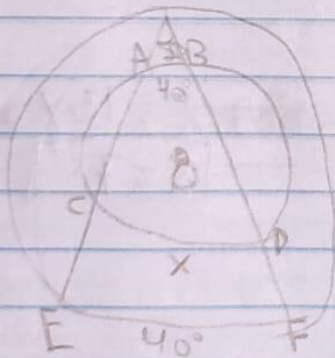
matéria 7 - arcos e ângulos na circunferência

Solução Básica

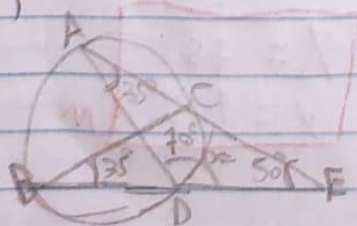
1-



2-

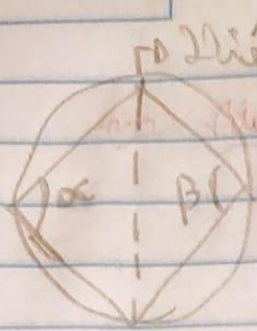


3-



Exercícios 4, 5 e 6:

4.)



$$\alpha = 180^\circ = 90^\circ \quad \beta = \frac{180^\circ}{2} = 90^\circ$$

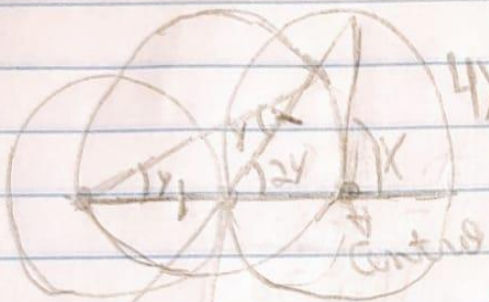
$$\text{Soma: } \alpha + \beta = 90^\circ + 90^\circ = 180^\circ$$

$$180^\circ = \pi \text{ radianos}$$

~ 11

delta C.

5.)



$$x = 4y$$

$$y = x$$

$$y + y = 2y$$

o ponto central, logo as duas são iguais.

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6.)



$$x + y = 180^\circ$$

$$75^\circ + y = 180^\circ \Rightarrow y = 180^\circ - 75^\circ$$

$$y = 105^\circ$$

$$x = 75^\circ$$

$$x + y = 180^\circ$$

$$75^\circ + y = 180^\circ$$

$$y = 180^\circ - 75^\circ$$

$$y = 105^\circ$$

$$x = 75^\circ$$

$$y = 105^\circ$$

$$180^\circ - (60^\circ + 45^\circ)$$

$$180^\circ - 105^\circ$$

$$75^\circ$$