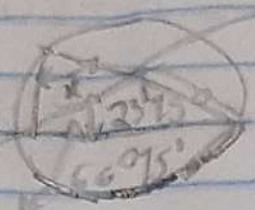
Tarefa Básica: Arcos e Ângulos na circunferência.

01-



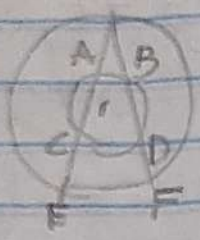
$A\hat{P}B = x = ?$

x mede o arco oposto

$x = 66°15'$

E

02-



$\overline{AB} = \overline{EF} = 40°$

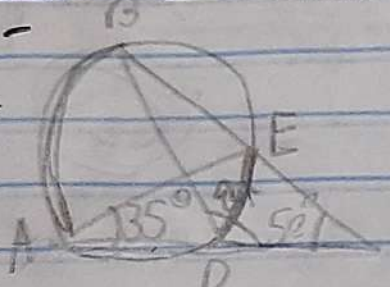
$CD = ?$

$CD = \overline{AB} \times 2$

$CD = 80°$

E

03-



$DAE = DBE = 35°$

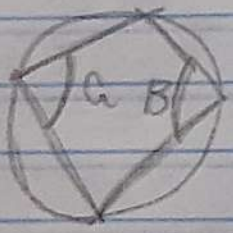
$50° + 35° + a = 180°$

$a = 180° - 85°$

$\boxed{a = 95°}$

A

04-

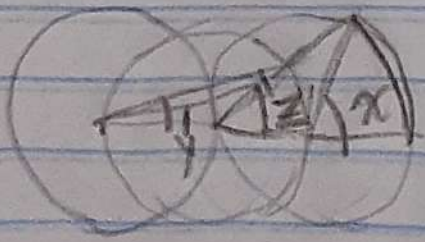


$\hat{a} + \hat{B} = \frac{360°}{2}$

$\frac{2\pi}{2} = \pi$

C

05-



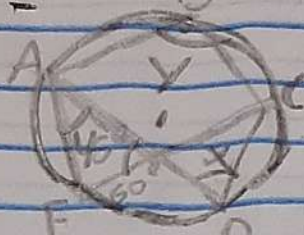
ângulo externo = Soma dos internos

$z = y + y$

$z = 2y$

$\boxed{x = 4y}$

06-



$\hat{AFC} = 75°$

"x" representa para $\hat{ABC}$ também.

$x = 75°$

x é ângulo inscrito, então:

$\hat{ABC} = 2 \cdot x$ ou $150°$

(Arco)

Para mais:

$\hat{AEDC}$ mede $210°$

(Arco)

$\frac{210}{2} = Y$

$105° = Y$