

Tarefa Básica - Lugar Geométrico e Pontos Notáveis

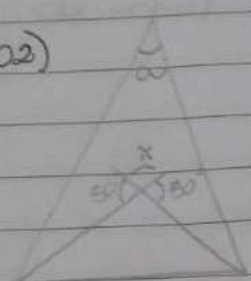
01) $\frac{1}{x} = \frac{1}{2} \cdot 30^\circ$

$\frac{1}{x} = \frac{1}{2}$

$x = 2$

R: D

02)



$x = a$

$50 + a + 50 = 180$

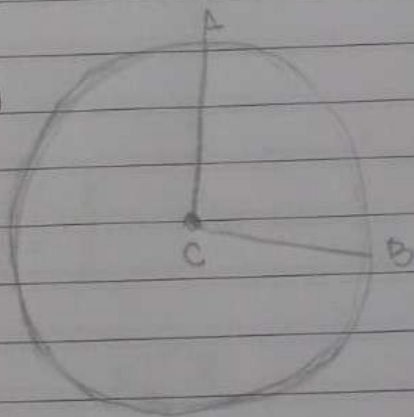
$100 + a = 180$

$a = 180 - 100$

$a = 80^\circ$

R: E

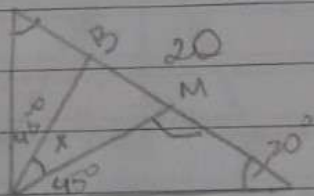
03)



Todo triângulo inscrito em uma circunferência, onde os vértices tocam a margem, será retângulo.

R: B

05)



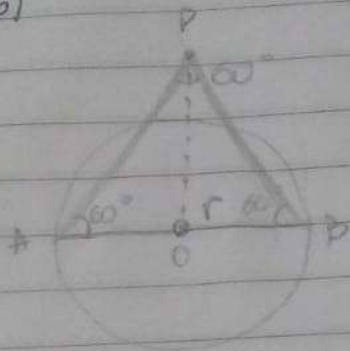
a) Mediana = $\frac{h}{2} = \frac{20}{2} = 10 \text{ cm}$

b) Ângulo = $45 - 20 = 25^\circ$

R: 10 cm e 25°

S T Q Q S S D

06)



$$\hat{APB} = 60^\circ$$

Δ equilátero - ângulo 60°

$$\hat{OPB} = \hat{OPA} = 30^\circ$$

$PO = 2r \rightarrow$ os ângulos equivalem a metade e a distância de P e O será o dobro ($2r$).

R: C