S T Q Q S S D

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Tarefa basica.

1)

Ângulo DBA = 60°

Ângulo OBA = 30°

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

Sen 30° = $\frac{1}{OB}$

OB = 2

(D)

2)

$130 = 90 + \frac{\alpha}{2}$

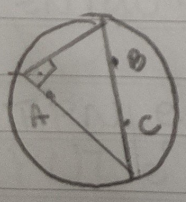
$\alpha = 130 - 90$

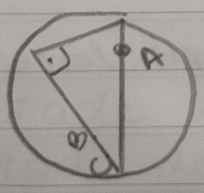
$\frac{2}{\alpha} = 40 \cdot 2$

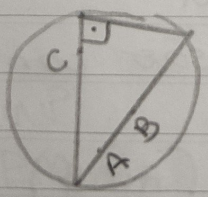
$\alpha = 80°$

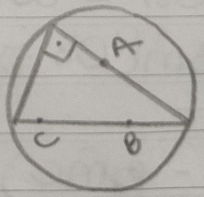
(E)

3)









B) é retangulo

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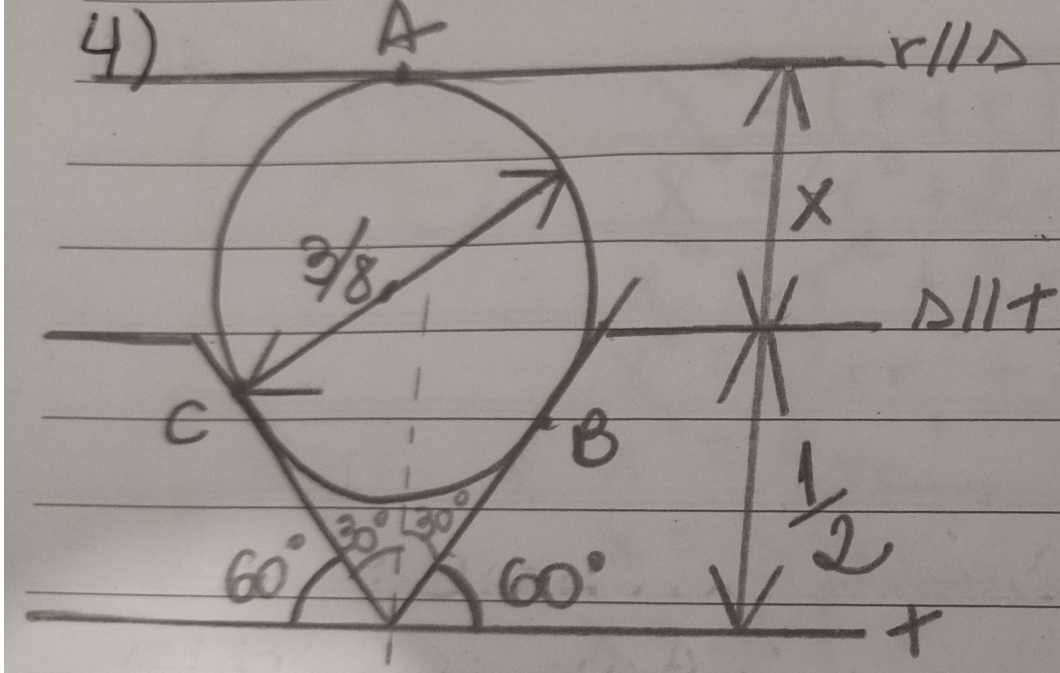
S T Q Q S S

4)



$\text{Sen } 30° = \frac{CO}{OP}$

$\frac{1}{2} = \frac{3}{OP}$

$OP = \frac{3}{8}$

$\frac{3}{8} + \frac{3}{16} - \frac{9}{16} \rightarrow \frac{9}{16} = \frac{1}{2} + x$

$x = \frac{1}{16}$

(E)

5) A

S T Q Q S S D

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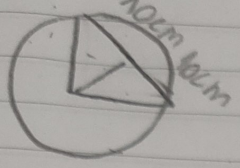
5)

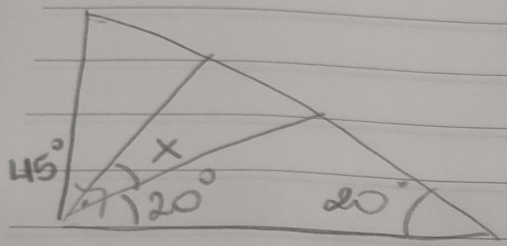
a)



10 cm

a medida da mediana é de 10 cm já que o diametro é 20 cm

B)

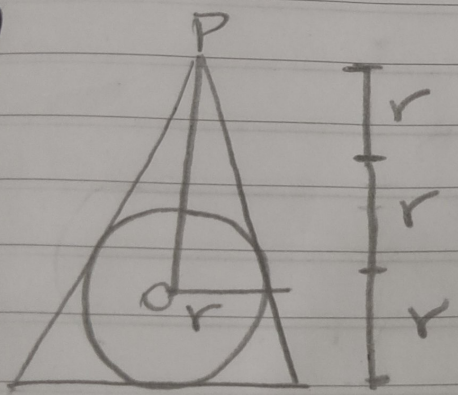


$90 = x + 45 + 20$

$90 - 65 = x$

$25 = x$ $\quad$ 25°

6)



$h\Delta = 3r$

$h = 3r$

$PO = 2r$

a altura do triangulo é igual a 3x o raio.

C