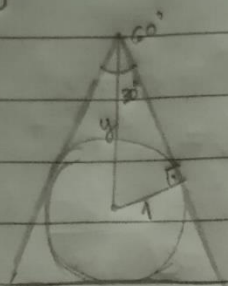


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CT11-317

Tarefa Básica - Lugar Geométrico e Pontos Notáveis do Triângulo

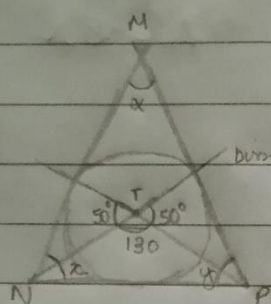
01.



$$\text{sen } 30^\circ = \frac{1}{y}$$

$$\frac{1}{2} = \frac{1}{y} \Rightarrow y = 2 \text{ Letra D}$$

02.



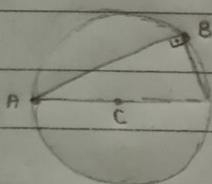
$$x + y = 50^\circ, \text{ então } N + P = 100^\circ$$

$$M + (N + P) = 180^\circ$$

$$M + 100^\circ = 180^\circ$$

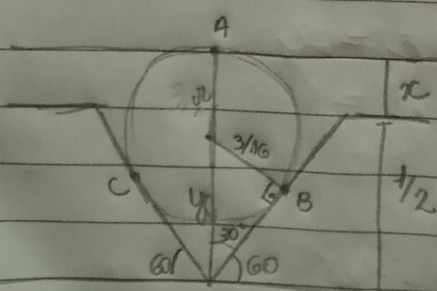
$$M = 80^\circ \text{ Letra E}$$

03.



Toda triângulo inscrito numa circunferência é retângulo. Letra B

04.



$$\text{sen } 30^\circ = \frac{3/16}{y}$$

$$\frac{1}{2} = \frac{3/16}{y}$$

$$y = 2 \cdot \frac{3}{16} = \frac{3}{8}$$

$$y + y = x + 1/2$$

$$3/16 + 3/8 = x + 1/2$$

$$9/16 = x + 1/2$$

$$x = \frac{9}{16} - \frac{1}{2}$$

$$x = \frac{9-8}{16} = \frac{1}{16} \text{ Letra E}$$

