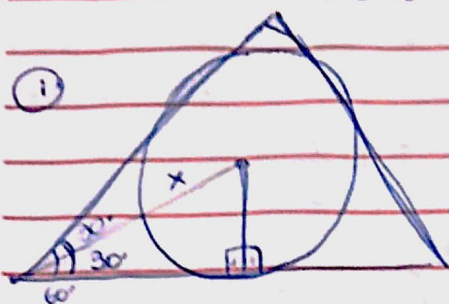


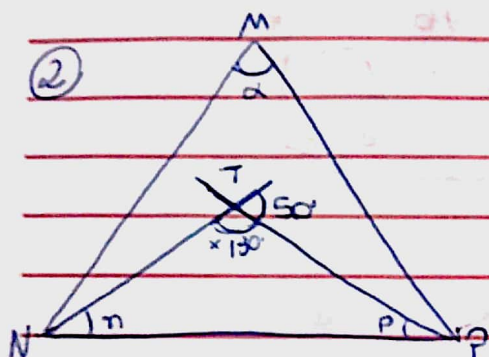
Lugar geométrico e pontos notáveis dos triângulos - Tarifa básica



$$\sin 30^\circ = \frac{1}{x}$$

$$\frac{1}{2} \times \frac{1}{x} \Rightarrow x = 2 //$$

alternativa "D"



$$50 + x = 180^\circ$$

$$x = 180^\circ - 50^\circ$$

$$x = 130^\circ$$

$$x + n + p = 180^\circ$$

$$130 + n + p = 180^\circ$$

$$n + p = 180^\circ - 130^\circ$$

$$n + p = 50^\circ$$

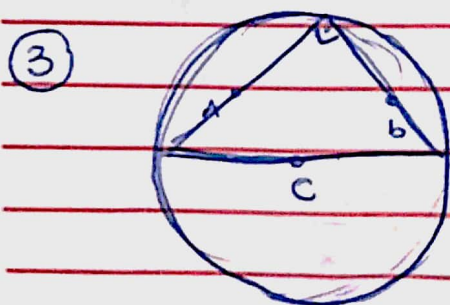
$$100 + \alpha = 180^\circ$$

$$\alpha = 180^\circ - 100^\circ$$

$$\alpha = 80^\circ //$$

$$50 : 2 = 100^\circ$$

alternativa "E"



alternativa "b"

se um dos lados do triângulo inscrito é diâmetro, esse quadrado é retângulo.

④ $\frac{1}{3} = \frac{2}{6}$
 $\frac{3}{8} = \frac{2}{6}$

$$u = \frac{3}{8} \Rightarrow u = \frac{3}{16} \checkmark$$

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

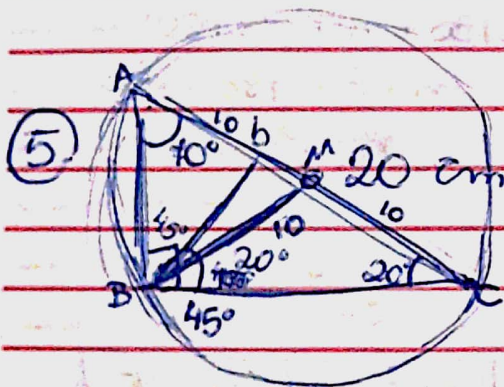
$$\frac{x+1}{2} = \frac{6}{16} + \frac{3}{16}$$

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

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

$$x = \frac{9}{16} - \frac{8}{16}$$

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



$$90^\circ + 20^\circ = 110^\circ$$

$180^\circ - 110^\circ = 70^\circ$

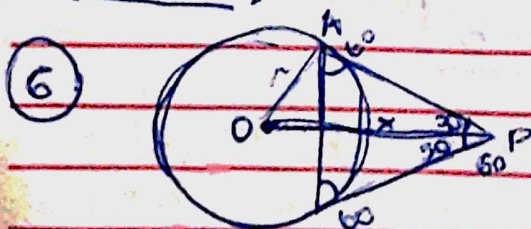
a) $h = D = 2r = 20$

$$\frac{20}{2} = 10 \quad | \quad \underline{u = 10} |$$

$$b) x + 20^\circ = 45^\circ$$

$$x = 45^\circ - 20^\circ$$

$$x = 25^\circ$$



$$\sin 30^\circ = \frac{1}{2} = \frac{r}{x}$$

$$\boxed{x = 2r_2}$$