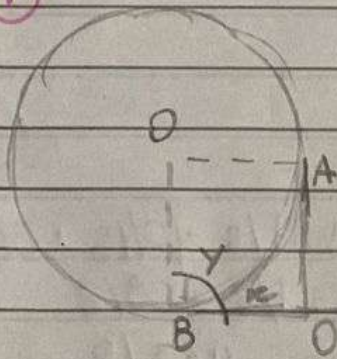


# TAREFA: LUGAR GEOMÉTRICO E PONTOS NOTÁVEIS DO TRIÂNGULO.

1



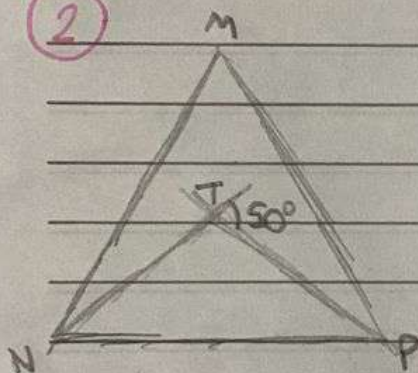
$$\text{Sen } 30^\circ = \frac{1}{OB}$$

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

B: D

$$y = 60^\circ \quad x = 30^\circ$$

2



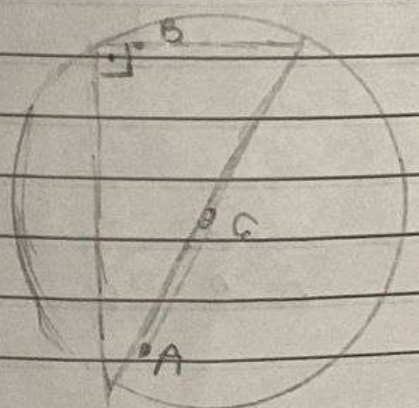
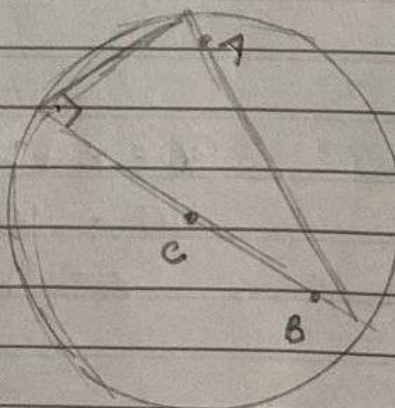
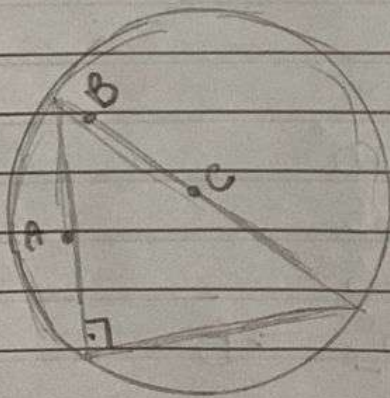
$$130 = 90 + \frac{x}{2}$$

$$x = 40 / 2$$

$$x = 80^\circ$$

B: E

3

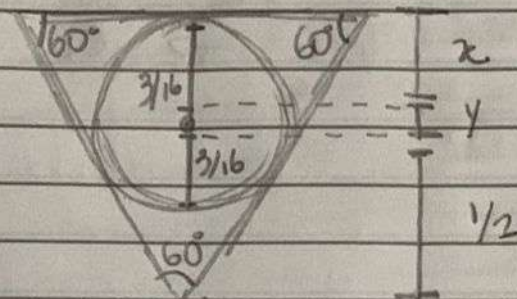
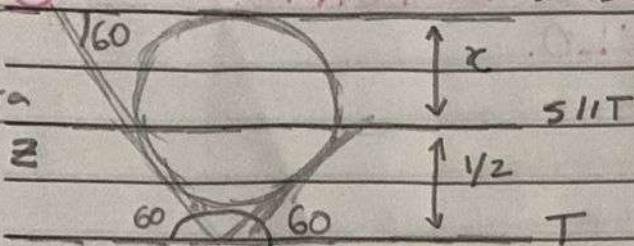


B: B Retângulo



④

regra



$$y = 1/2 - (3/16 + 3/16)$$

$$y = 1/2 - 3/8$$

$$y = 4/8 - 3/8$$

$$y = 1/8$$

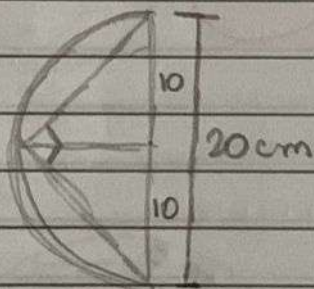
$$x = 3/16 - 1/8$$

$$x = 3 - 2/16$$

$$x = 1/16$$

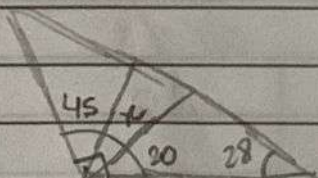
R: E

⑤



Se diâmetro = 20 cm

logo hipotenusa = 10 cm → A



$$90^\circ = x + 45^\circ + 20^\circ$$

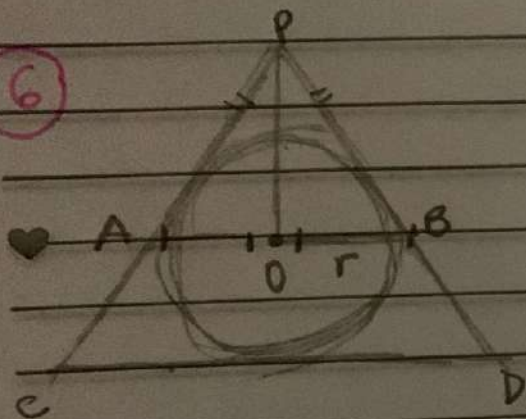
$$90^\circ = x + 65^\circ$$

$$x = 90^\circ - 65^\circ$$

$$x = 25^\circ \rightarrow B$$

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⑥



$$\triangle ABP \sim \triangle CDP$$

$$h = 3r = 10 = 2r$$

$B:C$