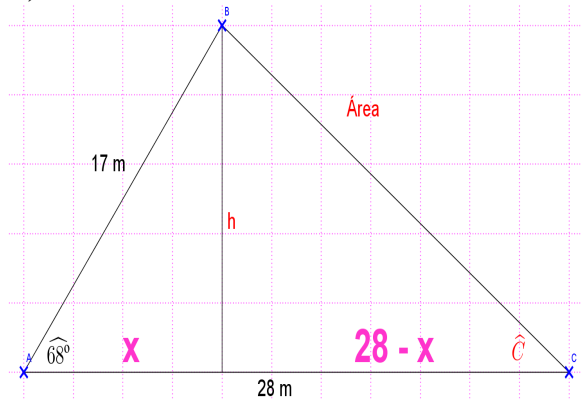


4)



$$\text{sen } 68^\circ = \frac{h}{17}; \quad h = 17 \text{ sen } 68^\circ = 15'7621 \text{ m}$$

$$A = \frac{\text{base} \cdot \text{altura}}{2} = \frac{28 \cdot 15'7621}{2} = 220'6698 \text{ m}^2$$

$$\text{cos } 68^\circ = \frac{x}{17}; \quad x = 17 \text{ cos } 68^\circ = 6'3683$$

$$28 - x = 21'6317$$

$$\text{tg } \hat{C} = \frac{h}{28-x} = \frac{15'7621}{21'6317} \rightarrow \hat{C} = \text{arctg}\left(\frac{15'7621}{21'6317}\right) = 36'0792^\circ$$

Miércoles, 3 de junio

A)

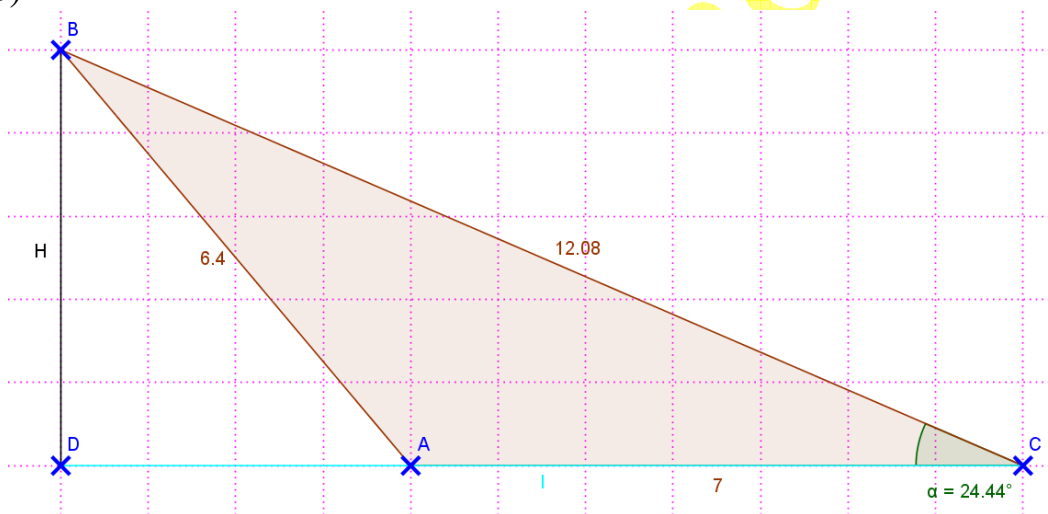
Si  $\text{cos } \alpha = \frac{4}{7}$ , calcula las otras razones trigonométricas.

$$\alpha = \arccos \frac{4}{7} = 55'1500$$

$$\text{sen } \alpha = 0'8207$$

$$\text{tg } \alpha = 1'4361$$

B)

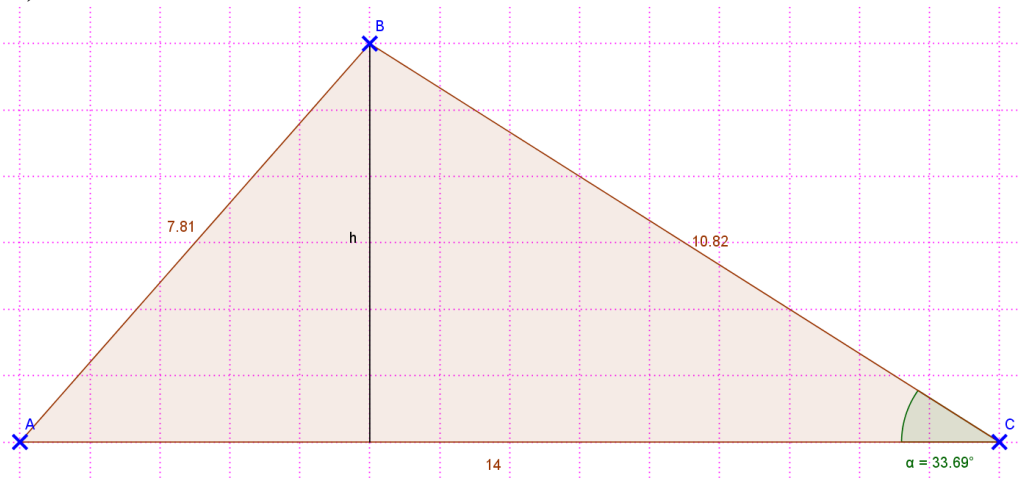


$$\text{sen } 24'44^\circ = \frac{H}{12'08} \rightarrow H = 12'08 \cdot \text{sen } 24'44^\circ = 4'9980; \quad A = \frac{7 \cdot 4'9980}{2} = 17'4929 \text{ u}^2$$

$$\text{cos } 24'44^\circ = \frac{CD}{12'08}$$

$$\text{tg } 24'44^\circ = \frac{H}{CD}$$

C)



$$\text{sen } 33'69'' = \frac{h}{10'82} \rightarrow h = 10'82 \cdot \text{sen } 33'69'' = 6'0018; \quad A = \frac{14 \cdot 6'0018}{2} = 42'0126 \text{ u}^2$$

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