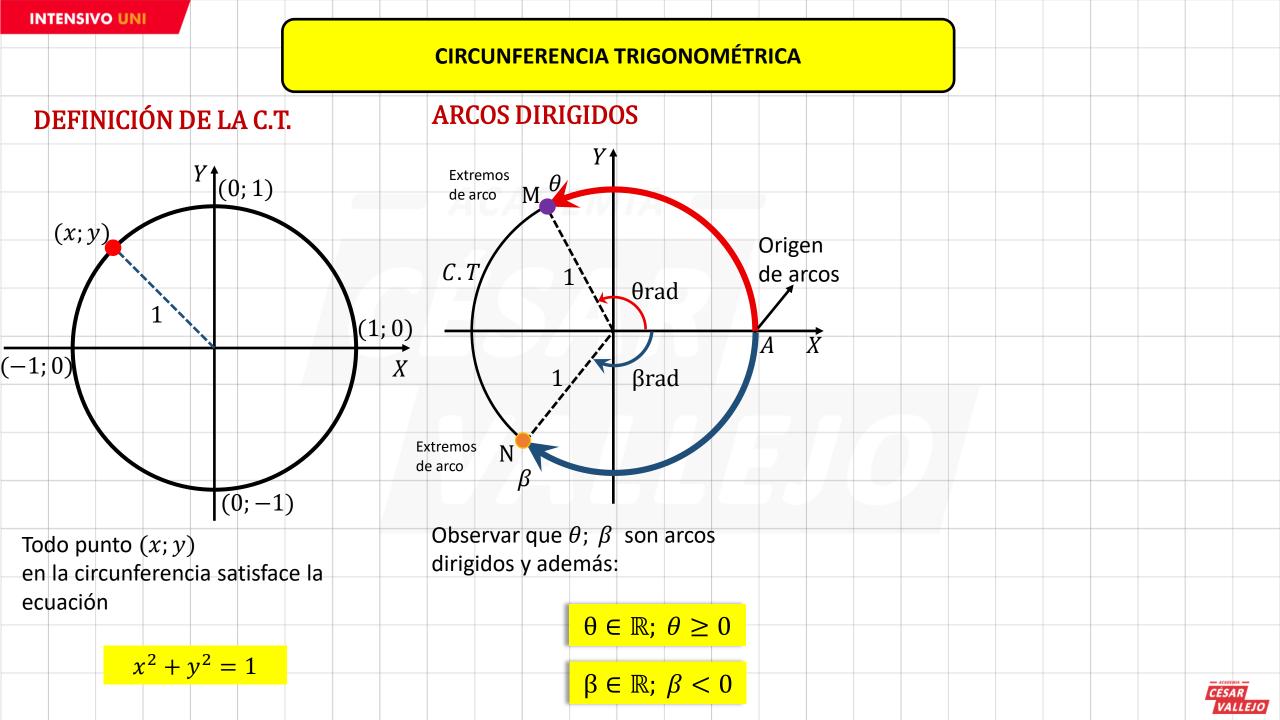


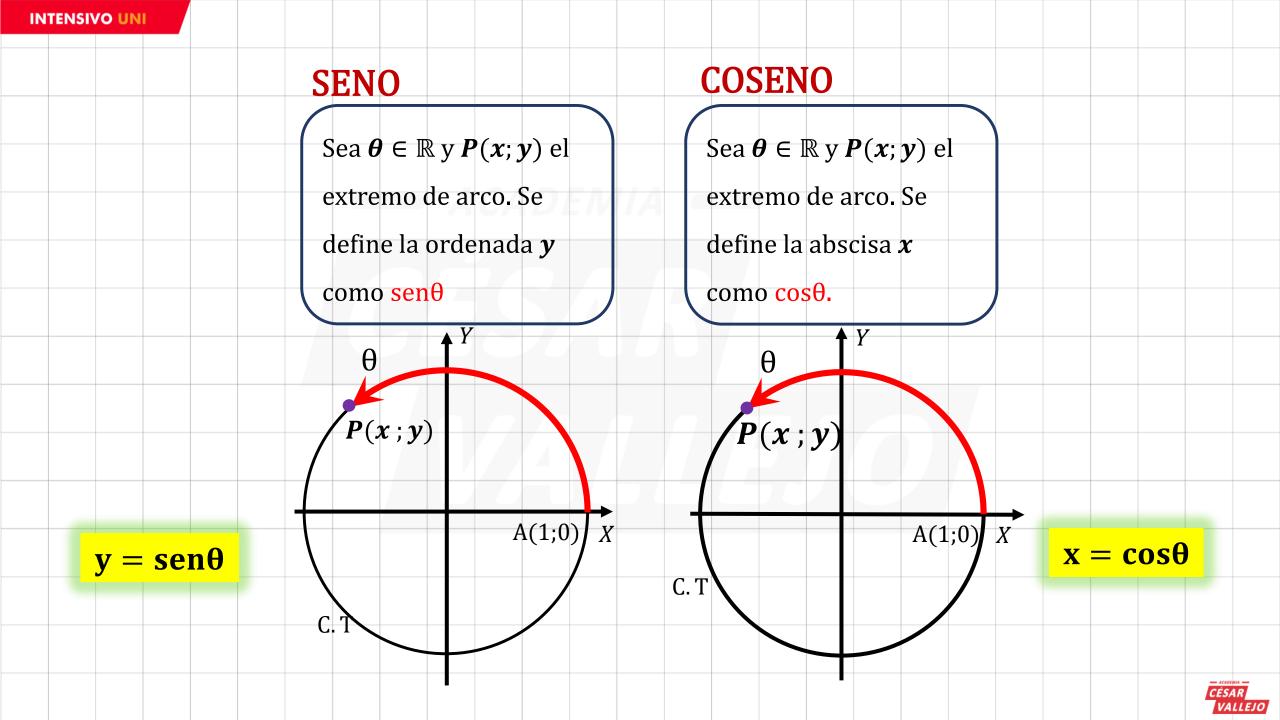


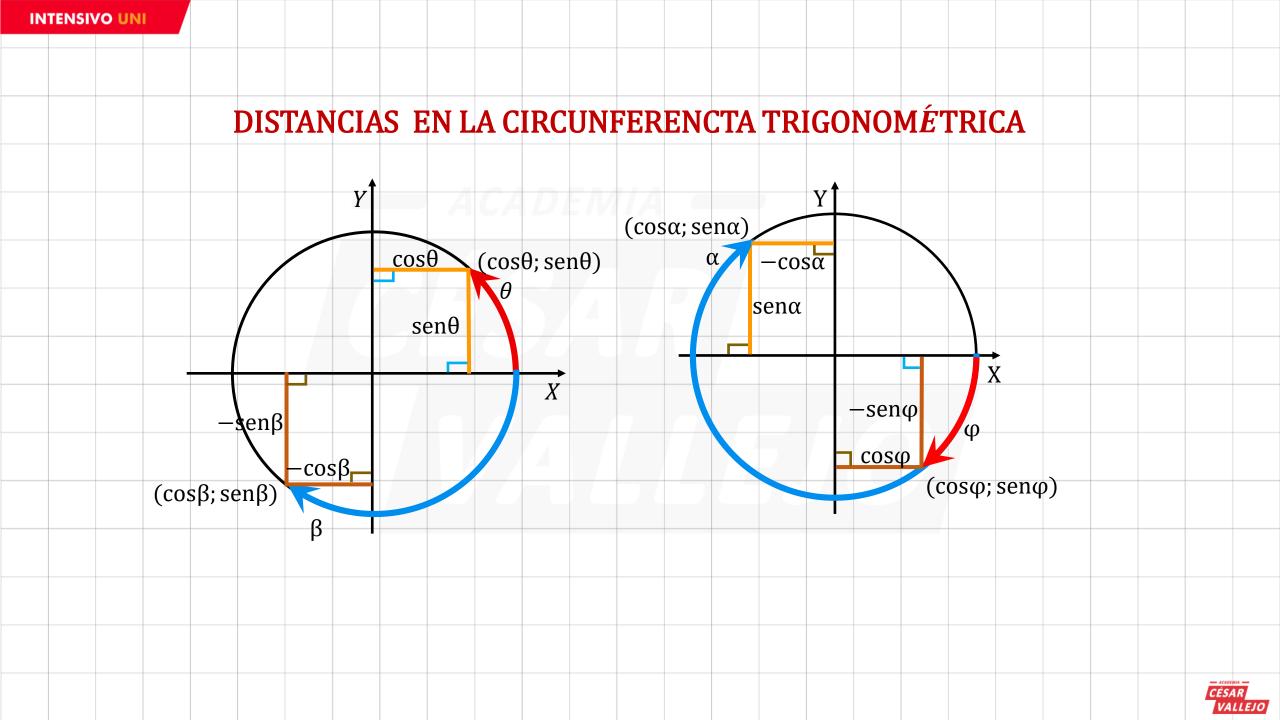
TRIGONOMETRÍA

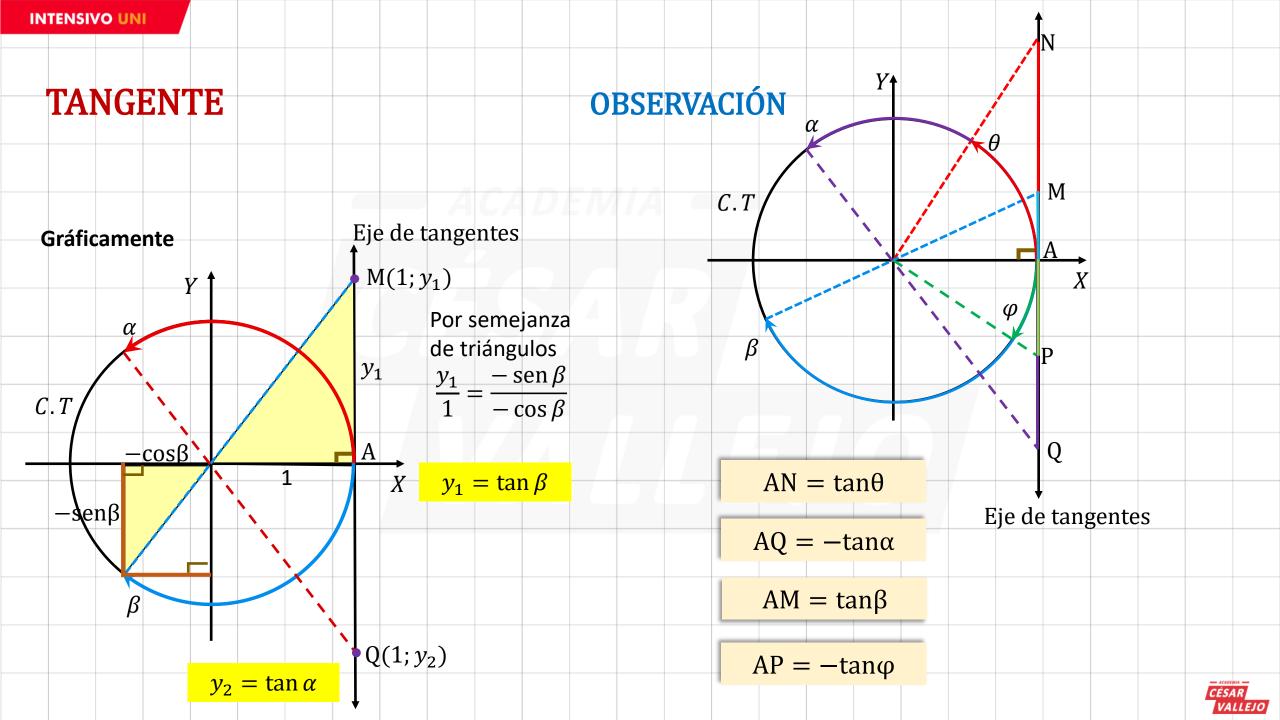
Tema:

CIRCUNFERENCIA TRIGONOMÉTRICA I



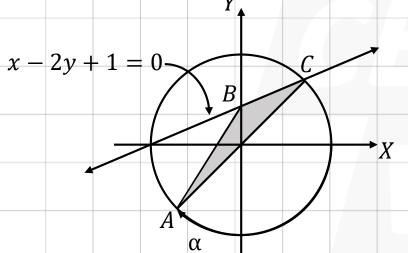






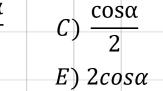
PROBLEMA

De la circunferencia trigonométrica, determine el área de la región triangular *ABC*.



$$(A) - \cos \alpha$$
 $(B) - \frac{\cos \alpha}{2}$

$$D)\cos\alpha$$







Intersección de la recta con el eje Y

x - 2y + 1 = 0

-cosα

$$x = 0 \rightarrow y = \frac{1}{2}$$

Calculamos el área \mathbb{A}_1

$$A_1 = \frac{\frac{1}{2} \cdot (-\cos\alpha)}{2} = -\frac{\cos\alpha}{4}$$

$$\therefore 2\mathbb{A}_1 = -\frac{\cos\alpha}{2}$$



X

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GRACIAS









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