

Prueba que $\sin 40 + \sin 20 = \cos 10$

$$\sin 40 + \sin 20 = \sin(30+10) + \sin(30-10) = \sin 30 \cdot \cos 10 + \sin 10 \cdot \cos 30 + \sin 30 \cdot \cos 10 - \sin 10 \cdot \cos 30 =$$

$$= 2 \cdot \sin 30 \cdot \cos 10 = 2 \cdot \frac{1}{2} \cdot \cos 10 = \cos 10$$

Academia
Montesino