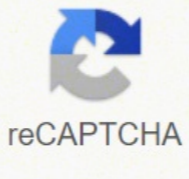




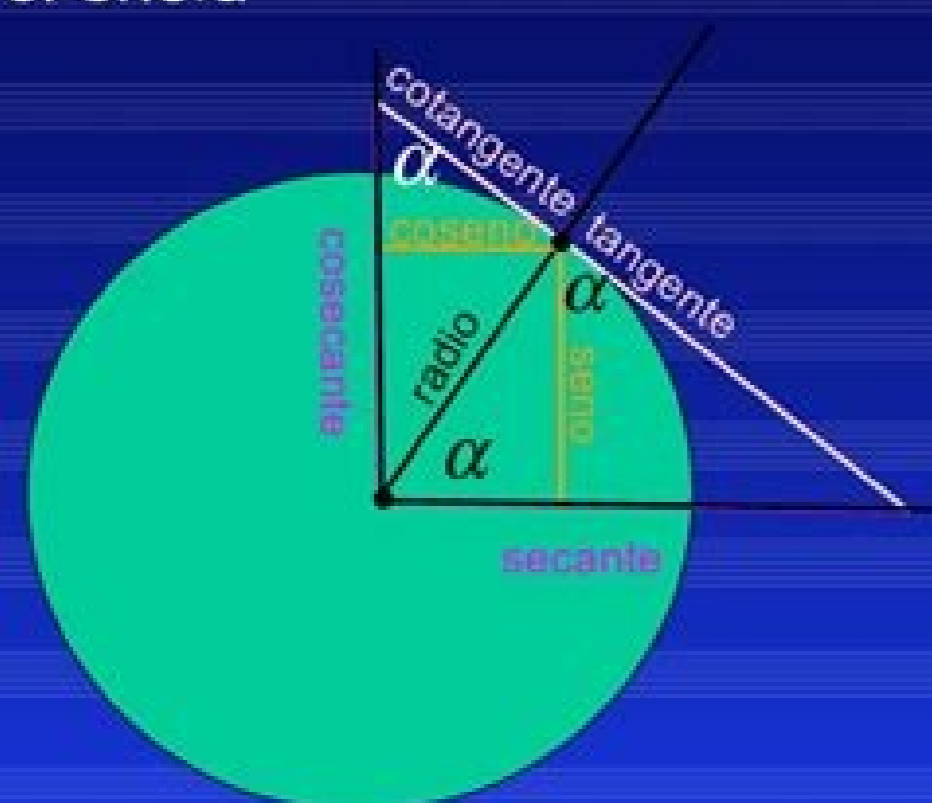
I'm not robot



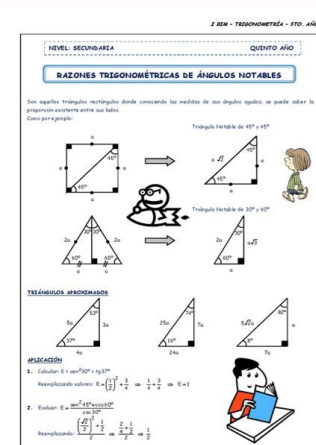
Continue

	Seno	Coseno	Tangente	Cotangente	Secante	Cosecante
45°	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1	1	$\sqrt{2}$	$\sqrt{2}$
30°	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{3}}{3}$	$\sqrt{3}$	$\frac{2\sqrt{3}}{3}$	2
60°	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\sqrt{3}$	$\frac{\sqrt{3}}{3}$	2	$\frac{2\sqrt{3}}{3}$
37°	$\frac{3}{5}$	$\frac{4}{5}$	$\frac{3}{4}$	$\frac{4}{3}$	$\frac{5}{4}$	$\frac{5}{3}$
53°	$\frac{4}{5}$	$\frac{3}{5}$	$\frac{4}{3}$	$\frac{3}{4}$	$\frac{5}{3}$	$\frac{5}{4}$
15°	$\frac{\sqrt{6}-\sqrt{2}}{4}$	$\frac{\sqrt{6}+\sqrt{2}}{4}$	$2-\sqrt{3}$	$2+\sqrt{3}$	$\sqrt{6}-\sqrt{2}$	$\sqrt{6}+\sqrt{2}$
75°	$\frac{\sqrt{6}+\sqrt{2}}{4}$	$\frac{\sqrt{6}-\sqrt{2}}{4}$	$2+\sqrt{3}$	$2-\sqrt{3}$	$\sqrt{6}+\sqrt{2}$	$\sqrt{6}-\sqrt{2}$
16°	$\frac{7}{25}$	$\frac{24}{25}$	$\frac{7}{24}$	$\frac{24}{7}$	$\frac{25}{24}$	$\frac{25}{7}$
74°	$\frac{24}{25}$	$\frac{7}{25}$	$\frac{24}{7}$	$\frac{7}{24}$	$\frac{25}{7}$	$\frac{25}{24}$
8°	$\frac{\sqrt{2}}{10}$	$\frac{7\sqrt{2}}{10}$	$\frac{1}{7}$	7	$\frac{5\sqrt{2}}{7}$	$5\sqrt{2}$
82°	$\frac{7\sqrt{2}}{10}$	$\frac{\sqrt{2}}{10}$	7	$\frac{1}{7}$	$5\sqrt{2}$	$\frac{5\sqrt{2}}{7}$
22°30'	$\frac{\sqrt{2}-\sqrt{2}}{2}$	$\frac{\sqrt{2}+\sqrt{2}}{2}$	$\sqrt{2}-1$	$\sqrt{2}+1$	$\sqrt{2}\sqrt{2-\sqrt{2}}$	$\sqrt{2}\sqrt{2+\sqrt{2}}$
67°30'	$\frac{\sqrt{2}+\sqrt{2}}{2}$	$\frac{\sqrt{2}-\sqrt{2}}{2}$	$\sqrt{2}+1$	$\sqrt{2}-1$	$\sqrt{2}\sqrt{2+\sqrt{2}}$	$\sqrt{2}\sqrt{2-\sqrt{2}}$
26°30'	$\frac{\sqrt{5}}{5}$	$\frac{2\sqrt{5}}{5}$	$\frac{1}{2}$	2	$\frac{\sqrt{5}}{2}$	$\sqrt{5}$

La figura muestra las funciones trigonométricas asociadas a un ángulo agudo α ubicado en una circunferencia



- sen α
- cos α
- tan α
- cotan α
- sec α
- cosec α



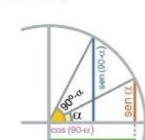
Trigonometría

Ángulos complementarios: α y $90^\circ - \alpha$

$\sin(90^\circ - \alpha) = \cos \alpha$

$\cos(90^\circ - \alpha) = \sin \alpha$

$\tan(90^\circ - \alpha) = \cot \alpha$



Relaciones entre las razones de ciertos ángulos

