

RAZÕES TRIGONOMÉTRICAS DE ALGUNS ÂNGULOS (I quadrante)

α	$\frac{\pi}{12}$	$\frac{\pi}{10}$	$\frac{\pi}{8}$	$\frac{\pi}{6}$	$\frac{\pi}{5}$	$\frac{\pi}{4}$	$\frac{3\pi}{10}$	$\frac{\pi}{3}$	$\frac{3\pi}{8}$	$\frac{2\pi}{5}$	$\frac{5\pi}{12}$
	15°	18°	22,5°	30°	36°	45°	54°	60°	67,5°	72°	75°
sen α	$\frac{\sqrt{6}-\sqrt{2}}{4}$	$\frac{\sqrt{5}-1}{4}$	$\frac{\sqrt{2}-\sqrt{2}}{2}$	$\frac{1}{2}$	$\frac{\sqrt{10-2\sqrt{5}}}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{5}+1}{4}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{2+\sqrt{2}}}{2}$	$\frac{\sqrt{10+2\sqrt{5}}}{4}$	$\frac{\sqrt{6}+\sqrt{2}}{4}$
cos α	$\frac{\sqrt{6}+\sqrt{2}}{4}$	$\frac{\sqrt{10+2\sqrt{5}}}{4}$	$\frac{\sqrt{2+\sqrt{2}}}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{5}+1}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{10-2\sqrt{5}}}{4}$	$\frac{1}{2}$	$\frac{\sqrt{2-\sqrt{2}}}{2}$	$\frac{\sqrt{5}-1}{4}$	$\frac{\sqrt{6}-\sqrt{2}}{4}$
tg α	$2 - \sqrt{3}$	$\frac{\sqrt{25-10\sqrt{5}}}{5}$	$\sqrt{2} - 1$	$\frac{\sqrt{3}}{3}$	$\sqrt{5-2\sqrt{5}}$	1	$\frac{\sqrt{25+10\sqrt{5}}}{5}$	$\sqrt{3}$	$\sqrt{2} + 1$	$\sqrt{5+2\sqrt{5}}$	$2 + \sqrt{3}$