Trigonometric Function Values Paul L. Bailey

$deg(\theta)$	$rad(\theta)$	$\sin(\theta)$	$\cos(\theta)$	$\tan(\theta)$	$\cot(\theta)$	$\sec(\theta)$	$\csc(\theta)$
0°	0	0	1	0	∞	1	∞
15°	$\frac{\pi}{12}$	$\frac{\sqrt{6}-\sqrt{2}}{4}$	$\frac{\sqrt{6} + \sqrt{2}}{4}$	$\frac{2-\sqrt{3}}{2}$	$\frac{2+\sqrt{3}}{2}$	$\sqrt{6}-\sqrt{2}$	$\sqrt{6} + \sqrt{2}$
18°	$\frac{\pi}{10}$	$\frac{\sqrt{5}-1}{4}$	$\frac{\sqrt{10+2\sqrt{5}}}{4}$	$\frac{5-2\sqrt{5}}{2}$	$\sqrt{5+2\sqrt{5}}$	$\sqrt{2\sqrt{5}-5}$	$\sqrt{5}+1$
	$\frac{\pi}{8}$	$\frac{\sqrt{2-\sqrt{2}}}{2}$	$\frac{\sqrt{2+\sqrt{2}}}{2}$	$\sqrt{3-2\sqrt{2}}$	$\sqrt{3+2\sqrt{2}}$	$\sqrt{4-2\sqrt{2}}$	$\sqrt{4+2\sqrt{2}}$
30°	$\frac{\pi}{6}$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{3}}{3}$	$\sqrt{3}$	$\frac{2\sqrt{3}}{3}$	2
36°	$\frac{\pi}{5}$	$\frac{\sqrt{10-2\sqrt{5}}}{4}$	$\frac{1+\sqrt{5}}{4}$	$\sqrt{5-2\sqrt{5}}$	$\frac{\sqrt{25+10\sqrt{5}}}{5}$	$\sqrt{5}-1$	$\frac{10 + 2\sqrt{5}}{5}$
45°	$\frac{\pi}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1	1	$\sqrt{2}$	$\sqrt{2}$
54°	$\frac{3\pi}{10}$	$\frac{1+\sqrt{5}}{4}$	$\frac{\sqrt{10-2\sqrt{5}}}{4}$	$\frac{\sqrt{25+10\sqrt{5}}}{5}$	$\sqrt{5-2\sqrt{5}}$	$\frac{10 + 2\sqrt{5}}{5}$	$\sqrt{5}-1$
60°	$\frac{\pi}{3}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\sqrt{3}$	$\frac{\sqrt{3}}{3}$	2	$\frac{2\sqrt{3}}{3}$
	$\frac{3\pi}{8}$	$\frac{\sqrt{2+\sqrt{2}}}{2}$	$\frac{\sqrt{2-\sqrt{2}}}{2}$	$\sqrt{3+2\sqrt{2}}$	$\sqrt{3-2\sqrt{2}}$	$\sqrt{4+2\sqrt{2}}$	$\sqrt{4-2\sqrt{2}}$
72°	$\frac{2\pi}{5}$	$\frac{\sqrt{10+2\sqrt{5}}}{4}$	$\frac{\sqrt{5}-1}{4}$	$\sqrt{5+2\sqrt{5}}$	$\frac{5-2\sqrt{5}}{2}$	$\sqrt{5}+1$	$\sqrt{2\sqrt{5}-5}$
75°	$\frac{5\pi}{12}$	$\frac{\sqrt{6} + \sqrt{2}}{4}$	$\frac{\sqrt{6}-\sqrt{2}}{4}$	$\frac{2+\sqrt{3}}{2}$	$\frac{2-\sqrt{3}}{2}$	$\sqrt{6} + \sqrt{2}$	$\sqrt{6}-\sqrt{2}$
90°	$\frac{\pi}{2}$	1	0	∞	0	∞	1