

TRIGONOMETRIC RATIOS OF ACUTE ANGLE

A	sin A	cos A	tan A	cot A	sec A	cosec A
0°	0	1	0	~	1	~
30°	1/2	$\sqrt{3}/2$	$1/\sqrt{3}$	$\sqrt{3}$	$2/\sqrt{3}$	2
45°	$\sqrt{2}/2$	$\sqrt{2}/2$	1	1	$\sqrt{2}$	$\sqrt{2}$
60°	$\sqrt{3}/2$	1/2	$\sqrt{3}$	$1/\sqrt{3}$	2	$2/\sqrt{3}$
90°	1	0	~	0	~	1