

## Special trig values in Quadrant 1

\*It is a good idea to know the values of the different trig functions in the first quadrant where all the values are positive.

\*Memorize the following list:

Measurement	sin	cos	tan
0	0	1	0
30 or $\frac{\pi}{6}$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{3}}{3}$
45 or $\frac{\pi}{4}$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1
60 or $\frac{\pi}{3}$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\sqrt{3}$
90 or $\frac{\pi}{2}$	1	0	Undefined