		$\cos\theta$	$\sin\theta$	$\tan\theta$	$\cot\theta$	$\sec\theta$	$\csc\theta$
DEFINITIONS	RIGHT △	$\frac{\text{adj}}{\text{hyp}}$	$\frac{\text{opp}}{\text{hyp}}$	$\frac{\text{opp}}{\text{adj}}$	$\frac{\text{adj}}{\text{opp}}$	$\frac{\text{hyp}}{\text{opp}}$	$\frac{\text{hyp}}{\text{adj}}$
	x, y PLANE ($r = \sqrt{x^2+y^2}$)	$\frac{x}{r}$	$\frac{y}{r}$	$\frac{y}{x} = \text{slope}$	$\frac{x}{y}$	$\frac{r}{x}$	$\frac{r}{y}$
	UNIT CIRCLE	x	y	$\frac{y}{x} = \text{slope}$	$\frac{x}{y}$	$\frac{1}{x}$	$\frac{1}{y}$
IDENTITIES	RECIPROCAL	$\cos\theta = \frac{1}{\sec\theta}$	$\sin\theta = \frac{1}{\csc\theta}$	$\tan\theta = \frac{1}{\cot\theta}$	$\cot\theta = \frac{1}{\tan\theta}$	$\sec\theta = \frac{1}{\cos\theta}$	$\csc\theta = \frac{1}{\sin\theta}$
	QUOTIENT			$\tan\theta = \frac{\sin\theta}{\cos\theta}$	$\cot\theta = \frac{\cos\theta}{\sin\theta}$		
	ODD/EVEN	$\cos(-\theta) = \cos\theta$	$\sin(-\theta) = -\sin\theta$	$\tan(-\theta) = -\tan\theta$	$\cot(-\theta) = -\cot\theta$	$\sec(-\theta) = \sec\theta$	$\csc(-\theta) = -\csc\theta$
	PYTHAGOREAN	$\cos^2\theta = 1 - \sin^2\theta$ ($\cos^2\theta + \sin^2\theta = 1$)	$\sin^2\theta = 1 - \cos^2\theta$ ($\cos^2\theta + \sin^2\theta = 1$)	$\tan^2\theta = \sec^2\theta - 1$	$\cot^2\theta = \csc^2\theta - 1$	$\sec^2\theta = 1 + \tan^2\theta$	$\csc^2\theta = 1 + \cot^2\theta$
	COFUNCTION	$\cos\theta = \sin(90^\circ - \theta)$	$\sin\theta = \cos(90^\circ - \theta)$				
SIGNS	QUADRANT I	+	+	+	+	+	+
	QUADRANT II	−	+	−	−	−	+
	QUADRANT III	−	−	+	+	−	−
	QUADRANT IV	+	−	−	−	+	−
VALUES IN QUADRANT I	$0 = 0^\circ$	1	0	0	DNE	1	DNE
	$\frac{\pi}{6} = 30^\circ$	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	$\frac{\sqrt{3}}{3}$	$\sqrt{3}$	$\frac{2}{\sqrt{3}}$	2
	$\frac{\pi}{4} = 45^\circ$	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1	1	$\sqrt{2}$	$\sqrt{2}$
	$\frac{\pi}{3} = 60^\circ$	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\sqrt{3}$	$\frac{\sqrt{3}}{3}$	2	$\frac{2}{\sqrt{3}}$
	$\frac{\pi}{2} = 90^\circ$	0	1	DNE	1	DNE	1
GRAPH