

Name : _____

TRIGONOMETRIC RATIOS OF ALLIED ANGLES

α	Sin α	Cos α	Tan α	Cot α	Sec α	Cosec α
$-\theta$	$-\sin \theta$	$\cos \theta$	$-\tan \theta$	$-\cot \theta$	$\sec \theta$	$-\operatorname{cosec} \theta$
$90^\circ - \theta$	$\cos \theta$				$\operatorname{cosec} \theta$	$\sec \theta$
$90^\circ + \theta$	$\cos \theta$				$\operatorname{cosec} \theta$	$\sec \theta$
$180^\circ - \theta$	$\sin \theta$				$\sec \theta$	$\operatorname{cosec} \theta$
$180^\circ + \theta$	$-\sin \theta$				$\sec \theta$	$-\operatorname{cosec} \theta$
$270^\circ - \theta$	$-\cos \theta$				$\operatorname{cosec} \theta$	$-\sec \theta$
$270^\circ + \theta$	$-\cos \theta$				$\operatorname{cosec} \theta$	$-\sec \theta$
$360^\circ - \theta$	$-\sin \theta$	$\cos \theta$	$-\tan \theta$	$-\cot \theta$	$\sec \theta$	$-\operatorname{cosec} \theta$
$360^\circ + \theta$	$\sin \theta$	$\cos \theta$	$\tan \theta$	$\cot \theta$	$\sec \theta$	$\operatorname{cosec} \theta$

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