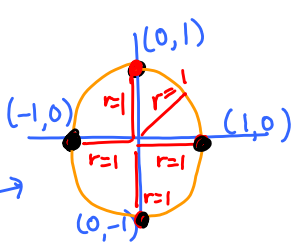


SOH CAH TOA will not work for \rightarrow
 TRIG 1.3 Quadrantal Angles



Name: Key

Must use SYR CXR TYX

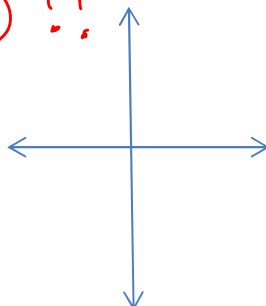
Quadrantal Angle	0°	90°	180°	270°	360°
Ordered Pair Choice	$(1,0)$	$(0,1)$	$(-1,0)$	$(0,-1)$	$(1,0)$
$x = ?$	1	0	-1	0	1
$y = ?$	0	1	0	-1	0
$r = ?$	1	1	1	1	1
$\sin \theta = ?$	$\frac{y}{r} = 0$	$\frac{y}{r} = 1$	$\frac{y}{r} = 0$	$\frac{y}{r} = -1$	$\frac{y}{r} = 0$
$\cos \theta = ?$	$\frac{x}{r} = 1$	$\frac{x}{r} = 0$	$\frac{x}{r} = -1$	$\frac{x}{r} = 0$	$\frac{x}{r} = 1$
$\tan \theta = ?$	$\frac{y}{x} = 0$	$\frac{y}{x} = \text{undef}$	$\frac{y}{x} = 0$	$\frac{y}{x} = \text{undef}$	$\frac{y}{x} = 0$
$\cot \theta = ?$	$\frac{x}{y} = \text{undef}$	$\frac{x}{y} = 0$	$\frac{x}{y} = \text{undef}$	$\frac{x}{y} = 0$	$\frac{x}{y} = \text{undef}$
$\sec \theta = ?$	$\frac{r}{x} = 1$	$\frac{r}{x} = \text{undef}$	$\frac{r}{x} = -1$	$\frac{r}{x} = \text{undef}$	$\frac{r}{x} = 1$
$\csc \theta = ?$	$\frac{r}{y} = \text{undef}$	$\frac{r}{y} = 1$	$\frac{r}{y} = \text{undef}$	$\frac{r}{y} = -1$	$\frac{r}{y} = \text{undef}$

SYR

CXR

TYX

Do NOT Use \emptyset !!



* $\frac{\#}{0} = \text{undefined}$
 $\frac{0}{\#} = 0$
 Know