

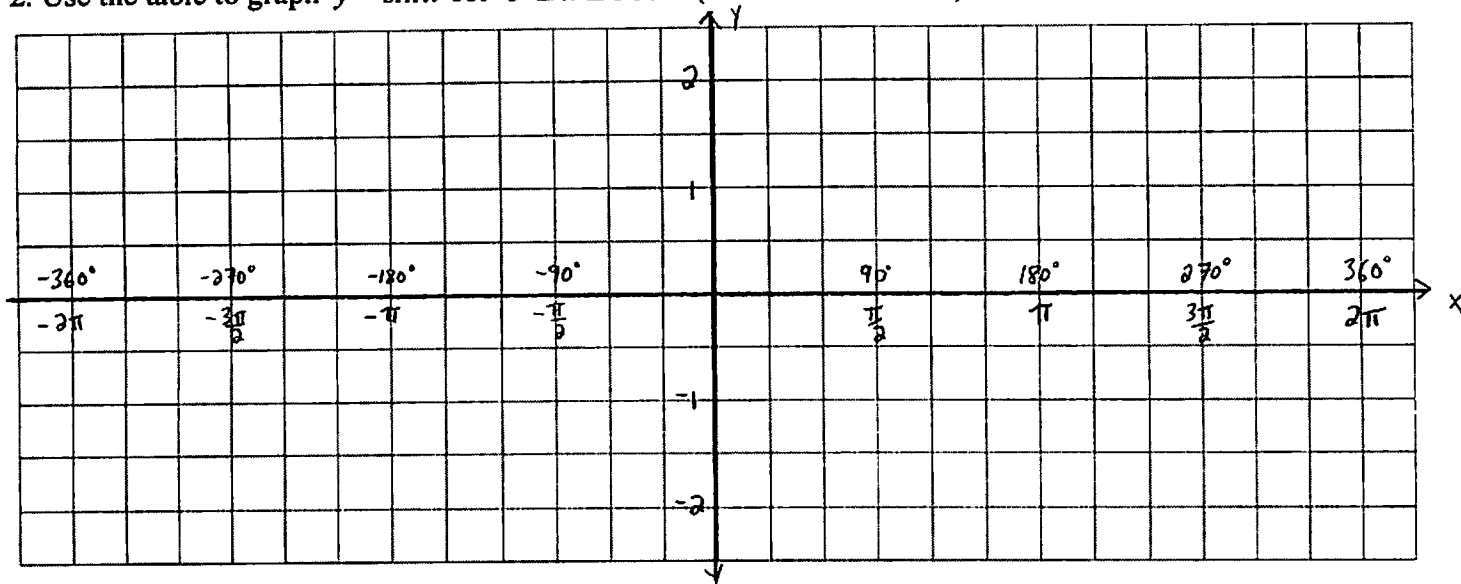
M\$6 Graphing  $y = \sin x$  and  $y = \cos x$

Name: \_\_\_\_\_

1. Complete the table:

$x$ (degrees)	0	30	60	90	120	150	180	210	240	270	300	330	360
$x$ (radians)	0			$\frac{\pi}{2}$			$\pi$			$\frac{3\pi}{2}$			$2\pi$
$y = \sin x$	0			1	0.87	0.5	0	-0.5	-0.87	-1			0
$y = \cos x$	1	0.87	0.5	0			-1			0	0.5	0.87	1

2. Use the table to graph  $y = \sin x$  for  $0^\circ \leq x \leq 360^\circ$  ( $0 \leq x \leq 2\pi$  radians)



3. Use the table to graph  $y = \cos x$  for  $0^\circ \leq x \leq 360^\circ$  ( $0 \leq x \leq 2\pi$  radians)

