Trigonometry 3.3 Algebra 2

Fill in the following t-table for the landmarks on the unit circle. Remember that $x = \theta$, and y is the trig. ratio for that angle measure.

	$y = \sin x$		$y = \cos x$	
x y	x	<u>x</u>	y x	у
0	-0	0	-0	
π/6	-π/6	$\pi/6$	- π/6	
$\pi/4$	-π/4	$\pi/4$	-π/4	
$\pi/3$	-π/3	$\pi/3$	-π/3	
$\pi/2$	-π/2	π/2	- π/2	
$2\pi/3$	-2π/3	$2\pi/3$	$-2\pi/3$	
$3\pi/4$	-3π/4	$3\pi/4$	$-3\pi/4$	
5π/6	-5π/6	5π/6	-5π/6	
π	-π	π	-π	
$7\pi/6$	-7π/6	7π/6	-7π/6	
5π/4	-5π/4	5π/4	$-5\pi/4$	
$4\pi/3$	$-4\pi/3$	$4\pi/3$	$-4\pi/3$	
$3\pi/2$	$-3\pi/2$	$3\pi/2$	$-3\pi/2$	
5π/3	$-5\pi/3$	5π/3	$-5\pi/3$	
$7\pi/4$	-7π/4	7π/4	-7π/4	
$11\pi/6$	$-11\pi/6$	11π/6	$-11\pi/6$	
2π	-2π	2π	-2π	

y = tan x

X	у	<u>x</u>	У
0		-0	
$\pi/6$		$-\pi/6$	
$\pi/4$		$-\pi/4$	
$\pi/3$		-π/3	
$\pi/2$		-π/2	
$2\pi/3$		$-2\pi/3$	
$3\pi/4$		$-3\pi/4$	
$5\pi/6$		$-5\pi/6$	
π		-π	
$7\pi/6$		-7π/6	
$5\pi/4$		$-5\pi/4$	
$4\pi/3$		$-4\pi/3$	
$3\pi/2$		$-3\pi/2$	
$5\pi/3$		$-5\pi/3$	
$7\pi/4$		-7π/4	
$11\pi/6$		$-11\pi/6$	
2π		-2π	