Math 105: Trigonometry
Worksheet 1, Due Thursday June 13th

1. Complete the following table. Show all your work.

Degrees	Radians
30°	
	$\pi/4$
	$\pi/3$
90°	
120°	
135°	
	$5\pi/6$
	π
	$7\pi/6$
	$5\pi/4$
240°	
	$3\pi/2$
300°	
	$7\pi/4$
330°	
	2π

2. Show that the point on the unit circle associated to the angle $t = \frac{\pi}{3}$ is $(\frac{1}{2}, \frac{\sqrt{3}}{2})$ (that is $P(\frac{\pi}{3}) = (\frac{1}{2}, \frac{\sqrt{3}}{2})$).