Classwork 8 Precalculus MTH 130 Instructor: Abhijit Champanerkar

Name:

1. Fill in the following table.

θ	$0 = 0^{\circ}$	$\pi/6 = 30^{\circ}$	$\pi/4 = 45^{\circ}$	$\pi/3 = 60^{\circ}$	$\pi/2 = 90^{\circ}$	$\pi=180^\circ$
$\sin heta$						
$\cos \theta$						
$\tan \theta$						

- **2.** Convert from degree to radians: (a) $480^{\circ} =$ _____ (b) $540^{\circ} =$ _____
- **3.** Convert from radians to degrees: (a) $4\pi/3 =$ _____ (b) $7\pi/6 =$ _____

4. Find the reference angle and the terminal point on the unit circle determined by the real numbers:

(a) $t = -\pi/4$

(b) $s = 5\pi/6$