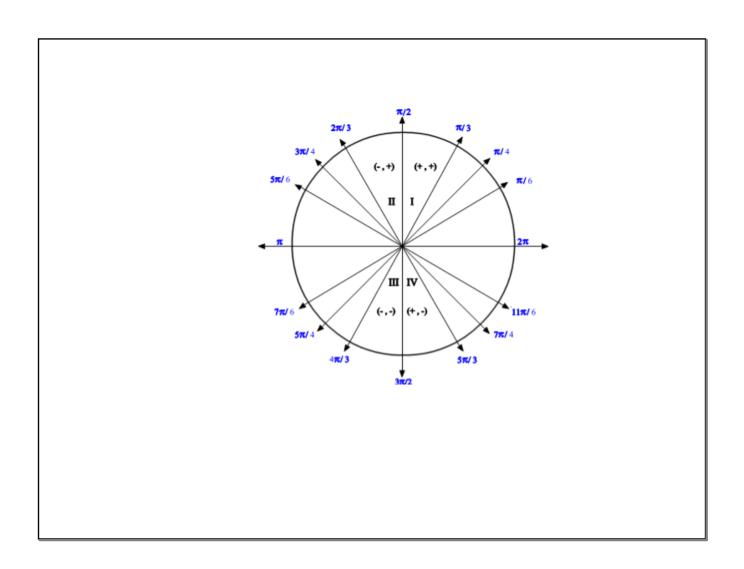
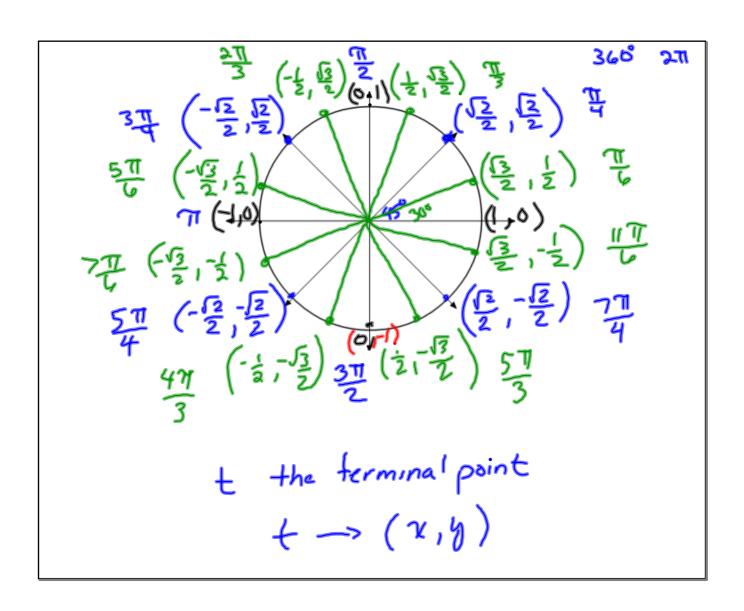
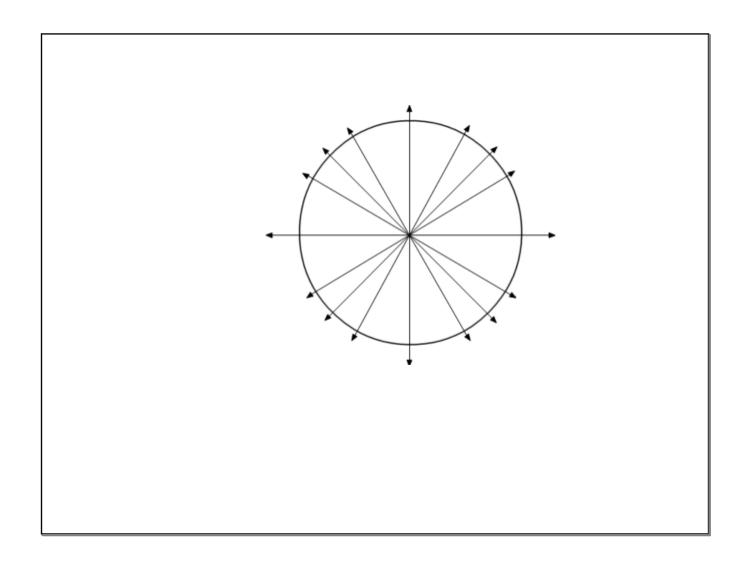
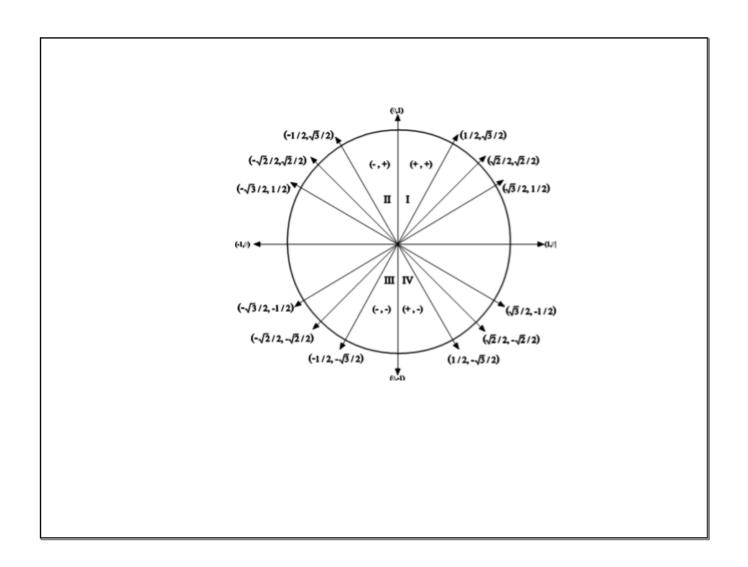


Terminal points on the unit circle	
-ordered pairs that are on the circle	

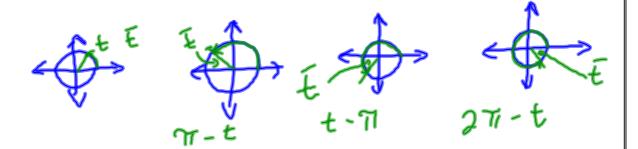








Reference Number - Let t be a real number. The reference number associated with t is the shortest distance along the unit circle between the terminal point determined by t and x-axis.



Using reference numbers to find terminal points addered pair

- 1. Find the reference number
- 2. Find the terminal point (a, b) determined by the reference number
- 3. The terminal point is $(\pm a, \pm b)$ where the signs are chosen according to the quadrant in which the terminal point lies

b)
$$\frac{7\pi}{4}$$
 reference $\frac{1}{4}$ $\frac{\pi}{4} = \frac{\pi}{4} \left(\frac{\pi}{2} \right)^{\frac{n}{2}}$ $\frac{\pi}{4} = \frac{\pi}{4} \left(\frac{\pi}{2} \right)^{\frac{n}{2}}$