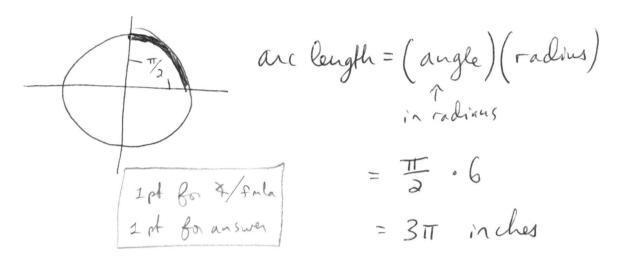
Name:

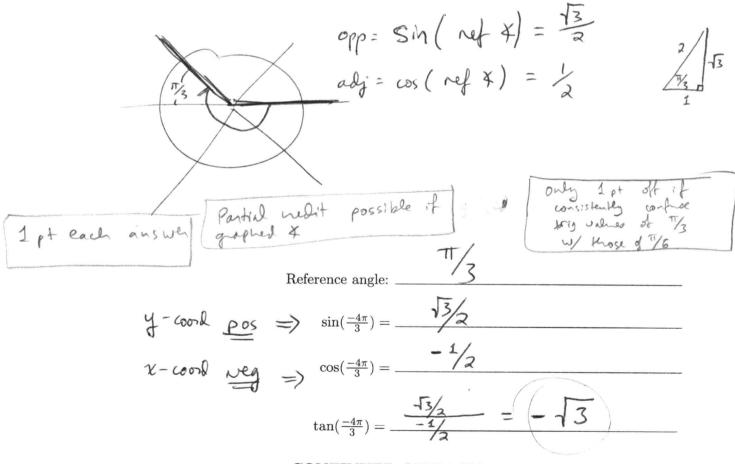
Section:

You have 12 minutes to complete the quiz. Please show all work, and then write your answer on the line provided.

1. Suppose you eat 1/4 of a 6" radius pizza. What is the length of crust that you have eaten?



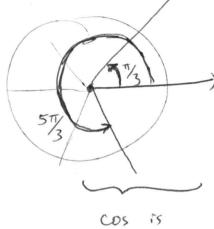
2. Let $\theta = \frac{-4\pi}{3}$. Find the reference angle, then find $\sin(\theta)$, $\cos(\theta)$, and $\tan(\theta)$.



Name:

Section:

3. Suppose that $\cos(\theta) = \frac{1}{2}$. Find θ .



positive

$$cos(ref x) = \frac{1}{2}$$

 $\Rightarrow ref x = \frac{\pi}{3}$

all Solutions $\Theta = \frac{\pi}{3} + 2\pi \cdot n$ $\Theta = \frac{5\pi}{3} + 2\pi n$