

Bellwork Tuesday, April 1, 2014

1. Convert each degree measure into radians.

a) 220°

b) 1125°

2. Convert each radian measure into degrees.

a) $\frac{31\pi}{12}$

b) $\frac{10\pi}{3}$

4. Find the measure of an angle between 0 and 2π that is coterminal to each given angle. Give your answer in radians.

a). $\frac{9\pi}{2}$

b). $-\frac{13\pi}{6}$

3. Find both a positive and a negative coterminal angle for each given angle. Give your answer in radians.

a) $\theta = -\frac{3\pi}{5}$

b) $\theta = \frac{2\pi}{11}$

5. Find the exact value of each.

a) $\tan 5\pi$

b) $\cos \frac{8\pi}{3}$

c) $\sin \frac{-13\pi}{6}$

d) $\tan \frac{9\pi}{2}$