

# Math 1613 - Trigonometry

Quiz #9 - 2011.09.15

Name: \_\_\_\_\_

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1. What does it mean if we state that a function  $f(x)$  is periodic with period  $p$ ?

2. If the wheels on a bike you are riding have radius  $r = 16$  inches, and your angular velocity is  $\omega = \frac{3}{4}\pi$  radians per second, how far will you travel in 15 minutes? Please express your answer in feet.