

MATH 6 – QUIZ 5
9 MARCH 2012

Name: _____

NO CALCULATORS

1. A water wheel with diameter 10 feet makes five rotations per minute. What is the *angular velocity* of the water wheel in radians per minute?

2. Indicate on the unit circle below the point corresponding to $(\cos(\frac{-\pi}{4}), \sin(\frac{-\pi}{4}))$.
Compute $\cos(\frac{-\pi}{4})$.

