



Advanced Functions – Fall 2012

Name _____

Chapter 5 – Trigonometric Functions

Speed Quiz: Angles of Rotation and Trig Ratios **(No Calculators!!)**

K ____/10

1. Determine the trig ratios exactly:

(1 mark each)

a) $\cos\left(\frac{11\pi}{6}\right)$

b) $\sin\left(\frac{13\pi}{4}\right)$

c) $\csc\left(\frac{5\pi}{3}\right)$

d) $\tan(\pi)$

d) $\sin\left(-\frac{4\pi}{3}\right)$

e) $\cos\left(\frac{5\pi}{6}\right)$