

Quiz 2

Name:

Date: May 28, 2013

P 1. Evaluate

(a) $\sin\left(\frac{13\pi}{6}\right)$

(d) $\tan^{-1}(-1)$

(b) $\cos\left(-\frac{27\pi}{4}\right)$

(e) $\csc(14\pi)$

(c) $\sin^{-1}(1/2)$

(f) $\arccos(2)$

P 2. Graph

$$f(x) = 2 \cos x - 1.$$

Include two full periods. Find the amplitude, period, and midline. Also include a table of “nice” values for which to evaluate f and the corresponding value of f . Label x and y - intercepts.