

Math 120 Quiz #7
February 26, 2008

Name: _____

Show all work.

1. (3 pts.) Simplify $\cos(\tan^{-1} 4)$ as much as possible.

2. Find **all** solutions to the following equations.

(a) (3 pts.) $8 \sin x - 4 = 0$

(b) (4 pts.) $\cos^2 \theta = 2 - \cos \theta$