Math 32 Quiz

GSI: Theo Johnson-Freyd

http://math.berkeley.edu/~theojf/08Fall32/

Thursday, October 30, 2008

Name: _____ Score: _____ /10

You have twenty minutes to complete this quiz. You may not use calculators or notes, but the chalkboards are yours.

1. (1 pt each) Evaluate each of the following. Give an exact answer:

   (a) $\tan 30°$

   (b) $\sec 45°$

   (c) $\sin(-270°)$

   (d) $\tan 720°$

   (e) $\cos 180°$

2. (1 pt each) Determine which of each pair of numbers is larger. Justify your answer.

   (a) $\sin 5°$ or $\sin 85°$

   (b) $\sin 5°$ or $\cos 5°$

   (c) $\tan 175°$ or $\tan 185°$

3. (2 pts) If $\sin \theta = 3/5$, what are all possible values of $\cos \theta$?