

Math 150A, Fall 2007, Section 18
Quiz 7

Name:

Show your work. No work, no credit.

1. Find the absolute minimum and maximum values of the function $f(\theta) = 2 \cos(\theta) + \sin^2(\theta)$ on the interval $[\pi/2, 3\pi/2]$.

2. State the Mean Value Theorem.

3. Find the critical numbers of the function $f(t) = \sqrt[3]{t}(8 - t)$ on the interval $[0, 8]$. Find the interval(s) where f is increasing.

Pledged

Honor code: I have neither given nor received help on this quiz.