

Math 261

Quiz 5

Name: _____

This is a Take-Home Quiz. It is due on Friday, November 8th by 4:00pm. I will not be giving much help on this quiz as I am allowing you to earn up to 5 points toward Exam 3 based on your score on this Quiz.

1. (10 points) Solve the following optimization problem: Find the point on the graph of $y = x^2 + 1$ that is closest to the point $(3, 1)$.