

Name: _____
Student ID: _____

Quiz 6

This quiz is graded out of 10 marks. No books, calculators, notes or cell phones are allowed. You must show all your work, the correct answer is worth 1 mark the remaining marks are given for the work. If you need more space for your answer use the back of the page.

Question 1. (5 marks) §6.2 #29 Evaluate the integral.

$$\int_{\pi/6}^{\pi/2} \cot^2 x \, dx$$

Question 2. (5 marks) §6.2 #45 Evaluate the integral.

$$\int \frac{1}{\sqrt{x^2 + 16}} \, dx$$