

Name: _____
Student ID: _____

Quiz 7

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) §8.2 #33

Integrate the following indefinite integral.

$$\int \arctan x \, dx$$

Question 2. (5 marks) §8.4 #11

Integrate the following indefinite integral.

$$\int x^3 \sqrt{x^2 - 4} \, dx$$