

Last Name: _____

First Name: _____

Student ID: _____

Quiz 5

Question 1. Find the derivatives of the following functions:

(a) (5 marks)

$$f(t) = \frac{t^2 - 2t}{(t+1)(t^2+1)}$$

(b) (5 marks)

$$f(x) = \sqrt{(x+3)(x^2-1)}$$