

FIRST NATIONS UNIVERSITY OF CANADA
DEPARTMENT OF SCIENCE
MATH110 200930 Quiz 3

Time: 20 minutes

Name: _____

Instructor: Dr. Edward Doolittle

Student #: _____

(marks) Please do questions 1 and 2. You have 10 minutes to do each question, for a total of 20 minutes for the quiz. A calculator of the type mentioned in the course outline is allowed.

(10) 1. Find the equation of the tangent line to the curve

$$y = \sqrt{x}(x + 1)$$

at the point $(4, 10)$ on the curve.

- (10) 2. Find the second derivative of

$$f(x) = \frac{1}{2-x}$$