Quiz 2

MATH 1231 – Single-variable Calculus I Summer 2016

Total Points: 10	Total Time: 15 minutes
Name:	Date:
Read all of the following information before starting the quiz:	
 Show all work, clearly and in order, to get full c I cannot see how you arrived at your answer (ev Do not use calculators. Circle or otherwise indicate your final answers. 	_
1. Find the slope of the tangent line at the point ($(\frac{\pi}{2}, 0)$ to the graph of the following equation
$y^2 + cos(x +$	(y) = xy

(4 points)

2. Differentiate the functions (no need to simplify)

(6 points)

(a)

$$f(\theta) = sin(\theta)cos(sin(\theta))$$

$$g(x) = \frac{x \sin(x)}{1 + \cos(x)}$$