Section 11.10_1	Learning Activity	MATH 1152Q Fall 2017
Name :		

- 1. Consider the function $f(x) = e^{-x}$.
 - a. Find the <u>Taylor polynomials of order 2</u> centered at x = 0 for $f(x) = e^{-x}$.

b. Estimate the value of $e^{-0.2}$.

- 2. Consider the function $f(x) = \sqrt{x}$.
 - a. Find the <u>Taylor polynomials of order 3</u> centered at x = 4 for $f(x) = \sqrt{x}$.

b. Estimate the value of $\sqrt{5}$.