MATH 2554   **Calculus I**   **Fall 2019**

Drill Handout   Section 4.9   November 21, 2019   Name:_____

(1) Find the solution of the following initial value problems:

(a) $f'(x) = \sec x(\sec x + \tan x)$, $f(0) = 3$

(b) $v(t) = e^t - 1$, $s(0) = 5$

(c) $f(x) = \frac{2}{x} + \sqrt{x}$, $f(1) = 4$

(d) $a(t) = -32$, $v(0) = 2$, $s(0) = 5$