

## Problem 2

Follow the instructions for Problem 1 for the following initial value problems:

(a)  $dy/dt = y - 5, \quad y(0) = y_0$

(b)  $dy/dt = 2y - 5, \quad y(0) = y_0$

(c)  $dy/dt = 2y - 10, \quad y(0) = y_0$