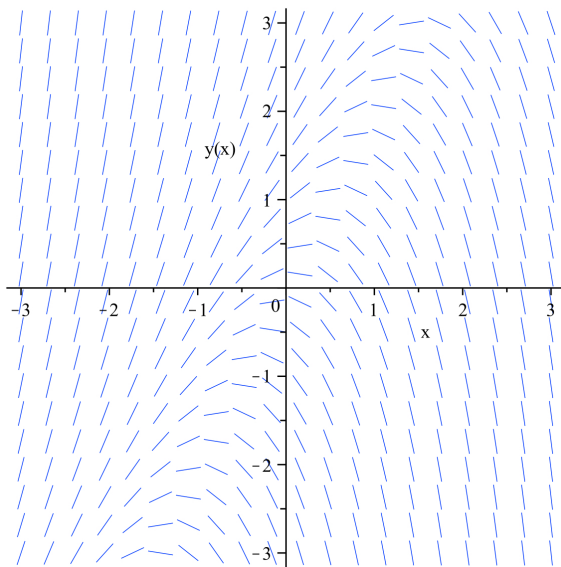




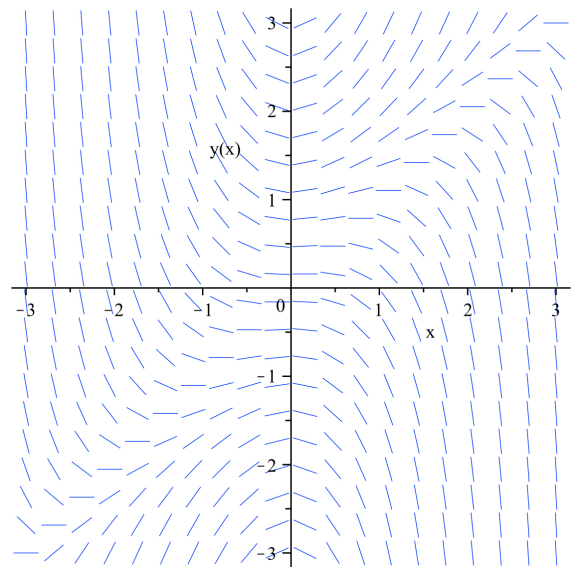
CALCULUS II
FALL 2013

ASSIGNMENT 6.1

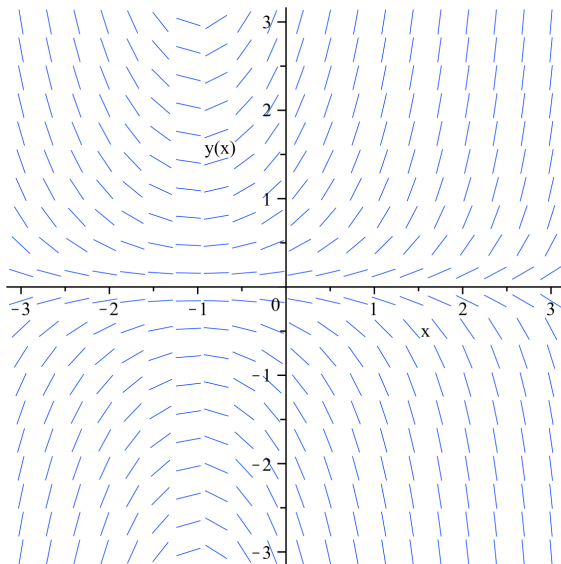
Use the direction field for each differential equation to sketch a solution curve that satisfies the given initial condition.



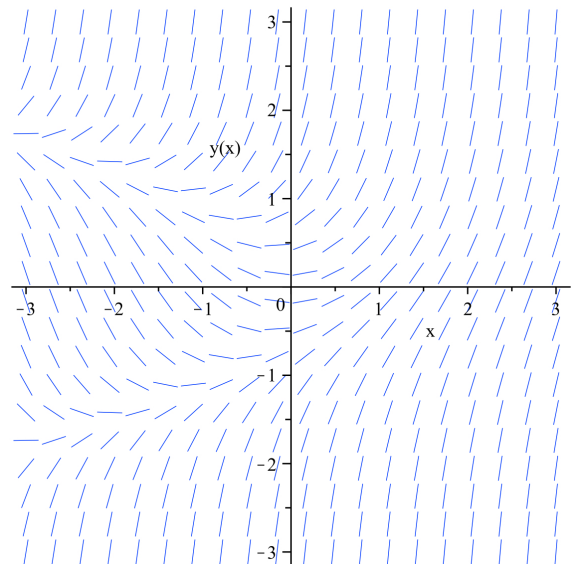
$$y' = y - 2x, y(1) = 0$$



$$y' = xy - x^2, y(0) = 1$$



$$y' = y + xy, y(-1) = -1$$



$$y' = x + y^2, y(0) = 0$$