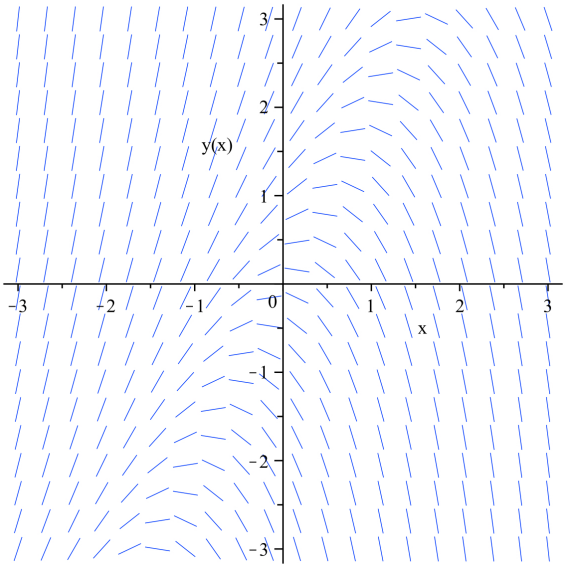
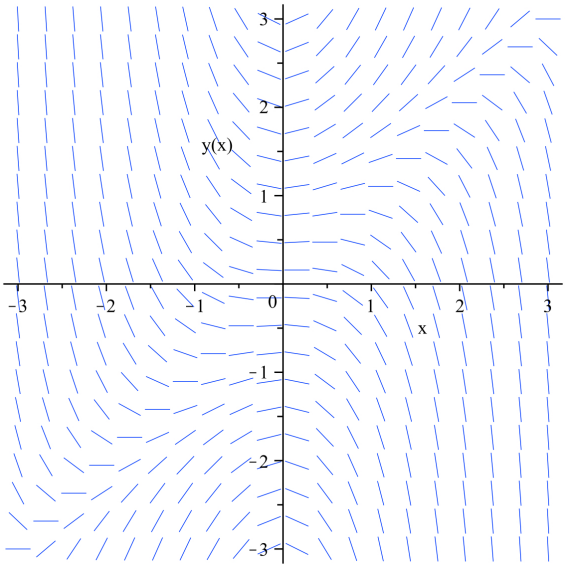
CALCULUS II
SPRING 2011

ASSIGNMENT 6.1
DUE SEPTEMBER 30

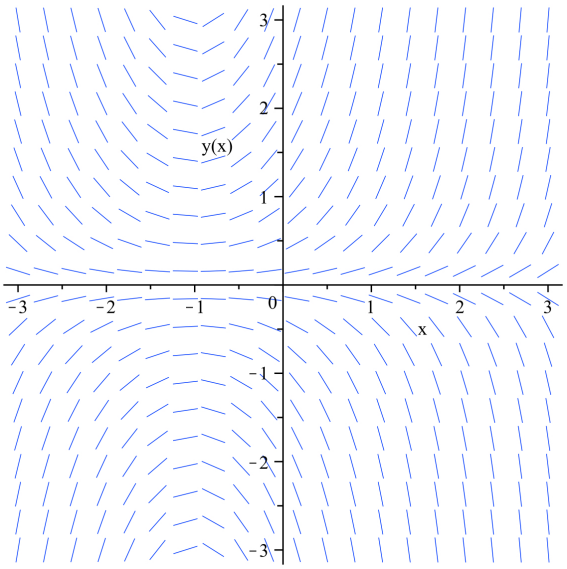
Use the direction field for each differential equation to sketch a solution curve that passes through the given point.



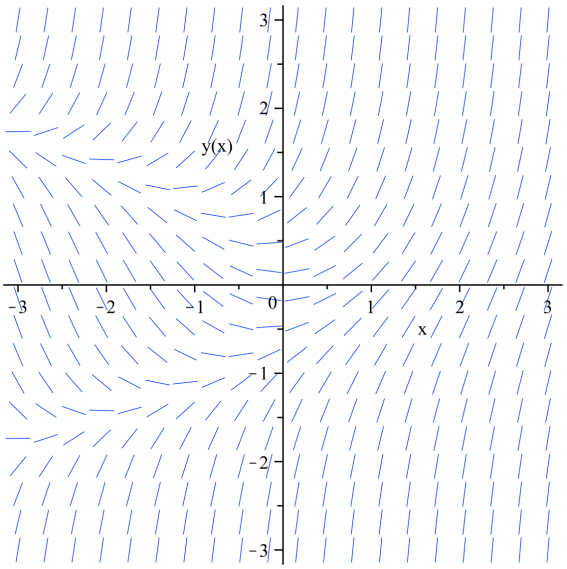
$y' = y - 2x$, $(1, 0)$



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



$y' = y + xy$, $(0, 1)$



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