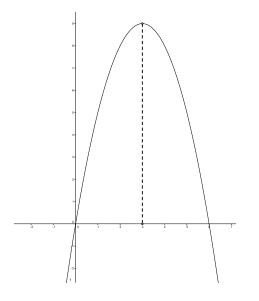
Math 12002	Analytic Geometry & Calculus I		Fall 2016
Quiz 8			Matt Alexander
Name:		Quiz Score:	/10

1. (7pts) The graph below is the graph of the DERIVATIVE f'(x) of a function y = f(x)



[NOTE: The graph above is of the derivative f' of f. The questions below refer to f, not to f'.] a) Determine the intervals where f is increasing and where f is decreasing.

b) Determine the intervals where f is concave up and where f is concave down.

c) Find the x values of all local maxima and minima of f (State whether each is a local maximum or local minimum.).

d) Find the x values of all inflection points of f.

2. (3pts) List all the asymptotes of $f(x) = \frac{2x(x+1)}{5(x-1)(x+2)}$