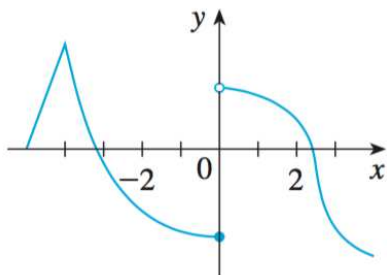


Math 1300-010 - Fall 2016

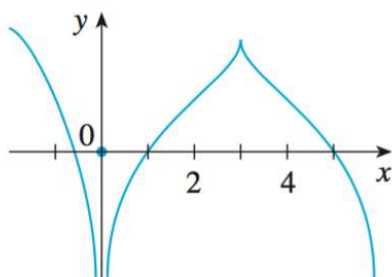
Derivative Function Activity, II - 9/14/16

Guidelines: Please work in your groups of two or three. As you finish problems, raise your hand and call me over to check your work. This will not be handed in and is a study resource for the next midterm.

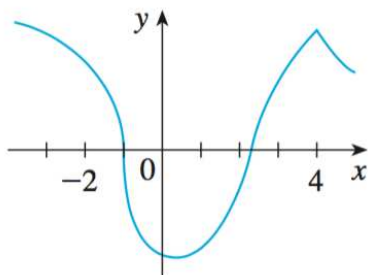
1. The graph of f is given. State, with reasons, the numbers at which f is not differentiable.
- (a)



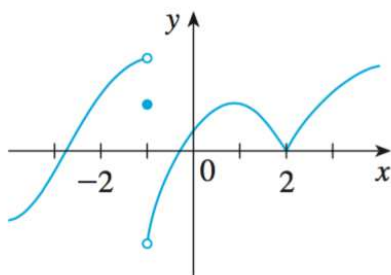
(b)



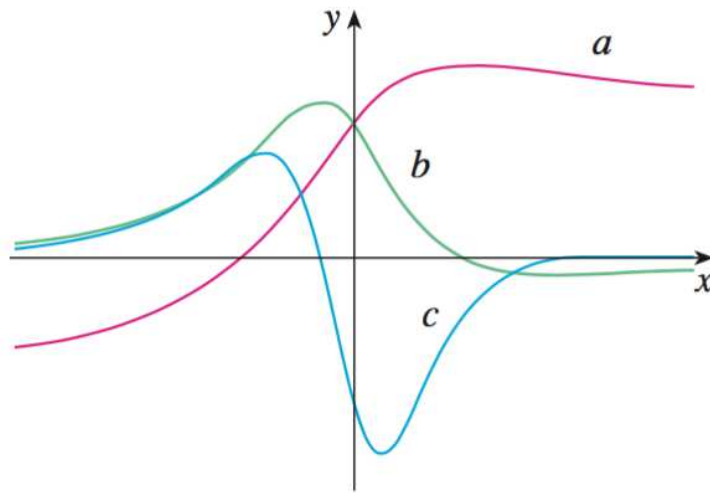
(c)



(d)



2. The figure shows the graphs of f , f' , and f'' . Identify each curve, and explain your choices.



3. The figure shows the graphs of three functions. One is the position function of a car, one is the velocity of the car, and one is its acceleration. Identify each curve, and explain your choices.

