

Name \_\_\_\_\_

Mathematics 105D: Calculus I  
Fall Semester 2012  
David Haines  
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Quiz #5

Suppose that the function  $f'$  has a local maximum at  $x = 4$ .

A. What, if anything, does this imply about  $f''$  ?

B. What, if anything, does this imply about  $f$  ?