Summer 2013 Mr. McGowan

AP Calculus AB Minuteman Tech

Quiz 6 – Differentials/inverse functions/implicit diff

1) Let  find *dy* and y if x=-3 and x=1

2) Find the value of the expression without using a calculator. Show as much work as possible.

a)  b)  (use *ln* where logs are necessary)

Find 

3)  4) 

5) Given  find the slope of the tangent line at the point (10,3)