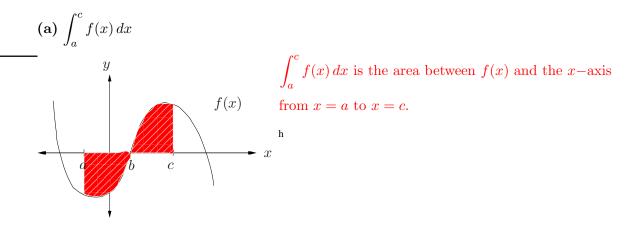
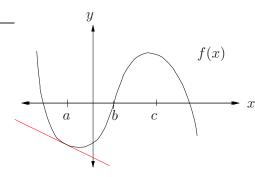
5. (12 points) For parts (a) - (c), on the graphs below, show a graphical interpretation for each of the given expressions, and then explain how the quantities given by the expression relate to your drawings on the graphs.

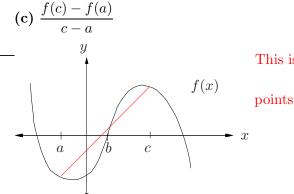


(b) f'(a)



f'(a) is the slope of the tangent

line to f(x) at x = a.



This is the slope of the line connecting the

points (a, f(a)) and (c, f(c)).