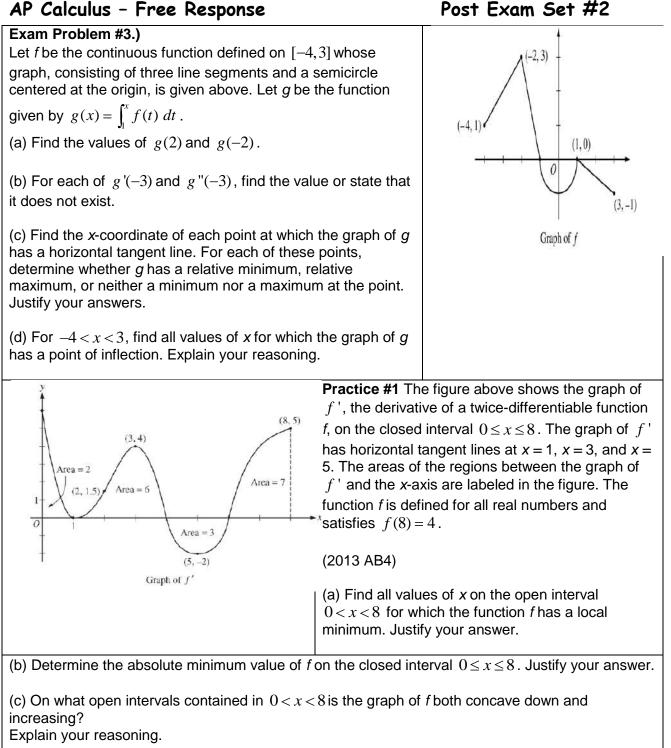
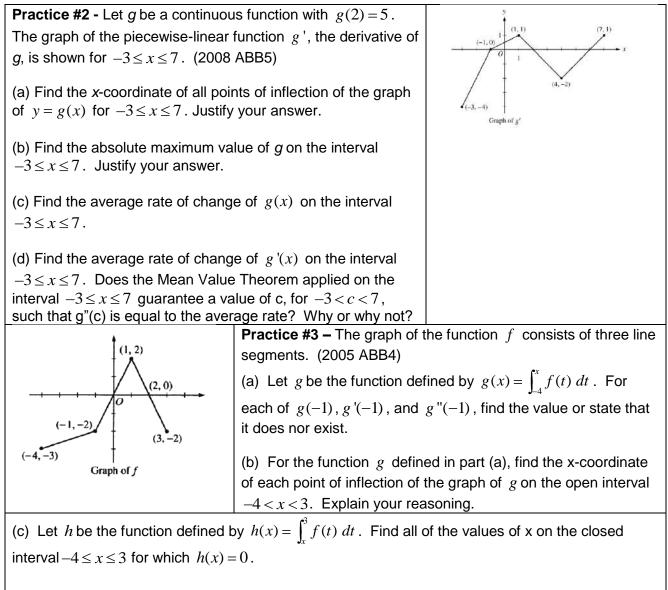
AP Calculus - Free Response



(d) The function g is defined by $g(x) = f(x)^3$. If $f(3) = -\frac{5}{2}$ find the slope of the line tangent to the graph of g at x = 3.



(d) For the function h defined in part (c), find all intervals on which h is decreasing. Explain your reasoning.