MATH 1850 Sec 011 and 012
CALCULUS I
QUIZ 9
November 2, 2010

Name (Last, First)_____

1. Find the function with the given derivative whose graph passes through the point P.

$$f'(x) = 2x - 1, \quad P(0,0)$$

$f(x) = x^2 - x + C$

It passes through $(0,0)$, therefore $0 = 0 - 0 + C$.

$C = 0$.

Therefore $f(x) = x^2 - x$.