

Name: _____
AP Calculus AB

Date: _____
Ms. Loughran

Do Now:

1. Find the value of $a + b + c$, if $f(x) = ax^2 + bx + c$, $f(0) = 2$, $f'(2) = 10$, and $f''(10) = 4$.
2. Given $g(x) = (x+1)\ln^2(x+1)$, find $g''(x)$.