

Agenda/Objectives/Notes Calculus Section 2.5

Test Results: Mean: 78.9 Median: 80 Mode: 80 (3) High: 102 Range: 52

90+	80-89	70-79	< 70
4	4	1	3

Starter Problem: Given that $g(5) = -3$, $g'(5) = 6$, $h(5) = 3$, and $h'(5) = -2$ find $f'(5)$ (if possible). If it is not possible, state what additional information is required.

(a) $f(x) = g(x)h(x)$

(b) $f(x) = g(h(x))$

(c) $f(x) = \frac{g(x)}{h(x)}$

(d) $f(x) = [g(x)]^3$

Today's Agenda

1. Starter problem
2. Review assignment due
3. Review/correct test
4. Today's objectives
5. Today's assignment: 146/1, 5, 9, 13, 17, 23, 27, 31, 35, 39, 41, 47, 53

Today's Objectives: You will be able to

1. Distinguish between functions written in implicit form and explicit form.
2. Use implicit differentiation to find the derivative of a function written in implicit form.