

Math 1210 6.2 Homework

You may do test corrections for half the points you missed back. Detailed work must be shown. I must be able to tell that you really understand the problem. **All** missed problems must be correctly corrected to get the half points back. Bonus problems don't count. Late corrections are not accepted. **You must have me look them over ahead of time.** Due Friday, April 13. Please have the corrections completed when you bring them to me to look them over, as my role is to double check them, rather than go through a lot of the problems with you. Sorry—I just don't have the time to do the latter.

Date	Lecture Topic	Assignment Due
Apr 10	6.2	
Apr 11	Help Session	
Apr 12	6.2,6.3	6.2 Part I
Apr 13	6.3,6.4	Chapter 5 Test Corrections
Apr 16	6.4	6.2 Part II,6.3
Apr 17	6.5	
Apr 18	Help Session	
Apr 19	6.6	6.4,6.5
Apr 20	6.7	
Apr 23	6.8	6.6,6.7
Apr 24	Review	
Apr 25	Help Session	
Apr 26	Review	6.8
Apr 27	Review	Final Extra Credit Review Part I

Hw 6.2 Part I

- A. How does the graph of $y = f(x) + C$ compare to the graph of $y = f(x)$?
 B. Why would $y = f(x)$ and $y = f(x) + C$ have the same derivatives? Give at least two reasons.
 C. What does the notation $\int f(x) dx$ represent? How is it read?

Quick Check 1,2a,3a,4

Exercises 2b,3-5,9,10-14,16,17,20,41a,42c,45,47,65

D. If $\int f(x) dx = F(x) + C$, $\int g(x) dx = G(x) + C$, $\int h(x) dx = H(x) + C$, find $\int \left(2f(x) - \frac{h(x)}{\sqrt{3}} + g(x) \right) dx$.

Hw 6.2 Part II

Quick Check 2b,3bcd

Exercises 2a,8,21,23,26,29,32,33,35,39,42b,43,44,46,62,63b,66