

Intensive Calculus - Math 134
Spring 2008
Professor Anderson

Quiz 3 - Topics

1. Be able to calculate $\int_a^b f(x) dx$ using the FT version 1 (like 5.3 # 3, 5, 7, 8, 17, 20, 21)
2. Know the interpretation of the integral in terms of rates of change and total change (like 5.3 # 47, 49, 50, 60, 63)
3. Know the distinction between displacement and distance traveled, be able to calculate both (like 5.3 # 55, 58)
4. Be able to state the two versions of the FT (see the box on page 381).
5. Be able to analyze $\int_a^x f(t) dt$ using the FT (like 5.4 # 2, 5, 7, 19).