

Homework 3

Due January 27

Be sure to write your name and section on your homework. Please staple all pages together.

Do the following problems from the textbook:

Section 5.3: 2, 6, 24, 26, 42, 46, 54, 60, 70.

Section 5.5: 2, 8, 18, 21, 41, 44, 59, 77, 86.

Hint for 44: The arctan function makes an appearance.

Hint for 77: $\int (f(x) + g(x)) dx = \int f(x) dx + \int g(x) dx.$

Extra Credit: 5.5.89.