

MATH 281 FALL 2023
HOMEWORK 4
“DUE” OCTOBER 24, 2023.

INSTRUCTOR: ROBERT LIPSHITZ

Required problems:

(Quiz problems drawn from these.)

- Section 13.3: 3, 7, 13, 19, 25, 51.

If you got help with one of these problems, solve a similar one on your own!

Suggested challenge problems:

(Conceptually interesting problems in the text to think about. Will not be on a quiz.)

- Section 13.3: 73, 76.

Comments on some of these problems:

- It's hard to find arc length examples that don't involve tricky integrals (or worse).
Feel free to use software to compute the integrals in this assignment.

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