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Assignment 2, Due Monday Feb 5

The main goal of this part of the class is to get familiar with the mechanics of working with series and complex numbers. So, this assignment includes many short problems. The selection below is a good one to get you acquainted with the techniques. The starred problems are the ones you're required to turn in (there are four of them).

§1.15: 33*

§2.4: 1*, 2, 3*, 11*, 12, 13

There's an exam coming up covering complex numbers. I won't cover logs on the exam, but I will cover things like complex powers, geometric representations, and trig functions. So, the following (short) problems are due.

§2.5 51

§2.7 9

§2.9 1, 5, 12

§2.10 16, 17, 20