

Homework for Math 352
Spring 2020

Hwk Set 10. Due

1. Study Example 8 in Section 24 (pages 198-9). On a computer graph $f_n(x)$ for $x \in [0, 1]$ for $n = 1, 2, 3, 5,$ and 10 . If you know how overlay the plots are print the result; if not print the individual graphs. Now, imagine you are teaching the class and write a paragraph explaining intuitively why $\lim_{n \rightarrow \infty} f_n(x) = 0$ for $x \in [0, 1]$, but that the convergence is not uniform.

25.3(a) You can use the hint in the back of the book, but write out all the details.

25.6(a)

25.8

26.2 a, b, c.

26.3 a, b.