Due Friday April 17 in class.

1. Problem 23-3 from Spivak.
4. Problem 24-2 from Spivak, parts (i)-(iv).
5. Problem 24-2 from Spivak, parts (v)-(viii).
6. Problem 24-5 from Spivak.

Challenge: Determine whether or not
\[ \sum_{n=1}^{\infty} \frac{1}{p_n} \]
converges, where \( p_n \) is the \( n \)’th prime number. Ask me for a hint.