

PROBLEM SET 3, 16300 SECTION 21

Due Friday April 17 in class.

1. Problem 23-3 from Spivak.
2. Problem 23-22 from Spivak.
3. Problem 23-28 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.