

Math 2B Worksheet: 11.3 Integral Test

Write your names and Student ID numbers at the top of the page

Use the integral test to determine whether the series converge or diverge.

1. $1 + \frac{1}{8} + \frac{1}{27} + \frac{1}{64} + \frac{1}{125} + \cdots$

2. $\sum_{n=2}^{\infty} \frac{1}{n \ln n}$

3. $\sum_{n=1}^{\infty} \frac{1}{n^2 + 4}$