

Quiz #10

Please print your name:

Problem 1.

(a) When does $\sum_{n=1}^{\infty} \frac{(-1)^n}{n^p}$ converge?

Make sure to indicate a reason!

(b) When does $\sum_{n=1}^{\infty} \frac{(-1)^n}{n^p}$ converge absolutely?

Make sure to indicate a reason!